

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\  
 Data File : VX013400.D  
 Acq On : 13 Nov 2019 11:56  
 Operator : JC/SP  
 Sample : VX1113WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/14/2019 9:37:07 AM

Quant Time: Nov 14 04:45:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 5.64  | 168  | 730628   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.84  | 114  | 1078863  | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.10 | 117  | 968203   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.07 | 152  | 492071   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 6.04  | 65   | 417476   | 48.23   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 96.46%  |          |
| 35) Dibromofluoromethane      | 5.48  | 113  | 345512   | 51.06   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 102.12% |          |
| 50) Toluene-d8                | 8.71  | 98   | 1331401  | 52.19   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 104.38% |          |
| 62) 4-Bromofluorobenzene      | 11.13 | 95   | 469963   | 51.05   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 102.10% |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.19  | 85   | 169703   | 20.159  | ug/l    | 100      |
| 3) Chloromethane              | 1.31  | 50   | 183924   | 20.147  | ug/l    | 97       |
| 4) Vinyl Chloride             | 1.40  | 62   | 209786   | 20.185  | ug/l    | 99       |
| 5) Bromomethane               | 1.63  | 94   | 120480   | 16.635  | ug/l    | 97       |
| 6) Chloroethane               | 1.72  | 64   | 114438   | 18.512  | ug/l    | 99       |
| 7) Trichlorofluoromethane     | 1.92  | 101  | 236893   | 19.293  | ug/l    | 99       |
| 8) Diethyl Ether              | 2.17  | 74   | 106575   | 19.627  | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37  | 101  | 147643   | 21.573  | ug/l    | 99       |
| 10) Methyl Iodide             | 2.50  | 142  | 164612   | 19.427  | ug/l    | 97       |
| 11) Tert butyl alcohol        | 3.02  | 59   | 188732   | 82.726  | ug/l    | 100      |
| 12) 1,1-Dichloroethene        | 2.36  | 96   | 145304   | 21.681  | ug/l    | 98       |
| 13) Acrolein                  | 2.28  | 56   | 113190   | 91.544  | ug/l    | 98       |
| 14) Allyl chloride            | 2.72  | 41   | 256449   | 21.060  | ug/l    | 98       |
| 15) Acrylonitrile             | 3.12  | 53   | 421726   | 98.960  | ug/l    | 99       |
| 16) Acetone                   | 2.42  | 43   | 411828   | 95.388  | ug/l    | 99       |
| 17) Carbon Disulfide          | 2.56  | 76   | 359919   | 20.065  | ug/l    | 99       |
| 18) Methyl Acetate            | 2.76  | 43   | 243088   | 20.394  | ug/l    | 99       |
| 19) Methyl tert-butyl Ether   | 3.17  | 73   | 476675   | 21.325  | ug/l    | 95       |
| 20) Methylene Chloride        | 2.84  | 84   | 164181   | 20.582  | ug/l    | 97       |
| 21) trans-1,2-Dichloroethene  | 3.15  | 96   | 153077   | 20.978  | ug/l    | 96       |
| 22) Diisopropyl ether         | 3.84  | 45   | 521190   | 22.169  | ug/l    | 98       |
| 23) Vinyl Acetate             | 3.80  | 43   | 2100229  | 104.401 | ug/l    | 99       |
| 24) 1,1-Dichloroethane        | 3.69  | 63   | 279341   | 21.241  | ug/l    | 99       |
| 25) 2-Butanone                | 4.65  | 43   | 616943   | 97.407  | ug/l    | 100      |
| 26) 2,2-Dichloropropane       | 4.56  | 77   | 230250   | 22.008  | ug/l    | 97       |
| 27) cis-1,2-Dichloroethene    | 4.58  | 96   | 180755   | 22.112  | ug/l    | 99       |
| 28) Bromochloromethane        | 5.00  | 49   | 71364    | 19.112  | ug/l    | 97       |
| 29) Tetrahydrofuran           | 5.10  | 42   | 377789   | 96.793  | ug/l    | 99       |
| 30) Chloroform                | 5.20  | 83   | 279211   | 21.501  | ug/l    | 98       |
| 31) Cyclohexane               | 5.56  | 56   | 254518   | 21.508  | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane     | 5.48  | 97   | 236283   | 21.142  | ug/l    | 98       |
| 36) 1,1-Dichloropropene       | 5.78  | 75   | 205222   | 22.173  | ug/l    | 99       |
| 37) Ethyl Acetate             | 4.81  | 43   | 226617   | 19.815  | ug/l    | 99       |
| 38) Carbon Tetrachloride      | 5.77  | 117  | 198679   | 21.952  | ug/l    | 94       |

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 Operator : JC/SP  
 Sample : VX1113WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/14/2019 9:37:07 AM

Quant Time: Nov 14 04:45:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 256087   | 22.206  | ug/l   | 98       |
| 40) Benzene                    | 6.13  | 78   | 634229   | 21.999  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.02  | 41   | 130184   | 20.309  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 222205   | 21.368  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 378893   | 21.276  | ug/l   | 100      |
| 44) Trichloroethene            | 7.20  | 130  | 171723   | 21.639  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 163719   | 22.288  | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 106722   | 21.278  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 208852   | 22.083  | ug/l   | 94       |
| 48) Methyl methacrylate        | 7.76  | 41   | 183805   | 20.676  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 81368    | 399.680 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1182061  | 101.169 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 398362   | 22.294  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 230028   | 22.242  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 261323   | 22.589  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 165294   | 22.318  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 251233   | 20.811  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 274204   | 21.810  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 435061   | 85.911  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 913964   | 101.224 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 167183   | 22.071  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 170657   | 21.699  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 155528   | 22.439  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 436837   | 22.286  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 159075   | 22.102  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 759467   | 22.449  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 584138   | 45.656  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 280302   | 22.377  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 473696   | 22.623  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 127524   | 21.088  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 761622   | 23.345  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 331293   | 21.898  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 252480   | 21.213  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 205024m  | 20.513  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 194056   | 22.312  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 853678   | 23.490  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 502917   | 22.968  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 628685   | 23.135  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 78486    | 20.213  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 579601   | 22.613  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 623932   | 22.808  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 641225   | 23.522  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 734186   | 23.352  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 678737   | 23.445  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 343562   | 22.161  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 346264   | 21.922  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 567119   | 22.450  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 116158   | 22.520  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 344585   | 22.236  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 53427    | 18.425  | ug/l   | 98       |

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Acq On : 13 Nov 2019 11:56  
Operator : JC/SP  
Sample : VX1113WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

Manual Integrations  
APPROVED

MMDadoda  
11/14/2019 9:37:07 AM

Quant Time: Nov 14 04:45:18 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 02 07:06:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 236568   | 21.884 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 115891   | 21.913 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 696719   | 20.543 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 234255   | 21.608 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

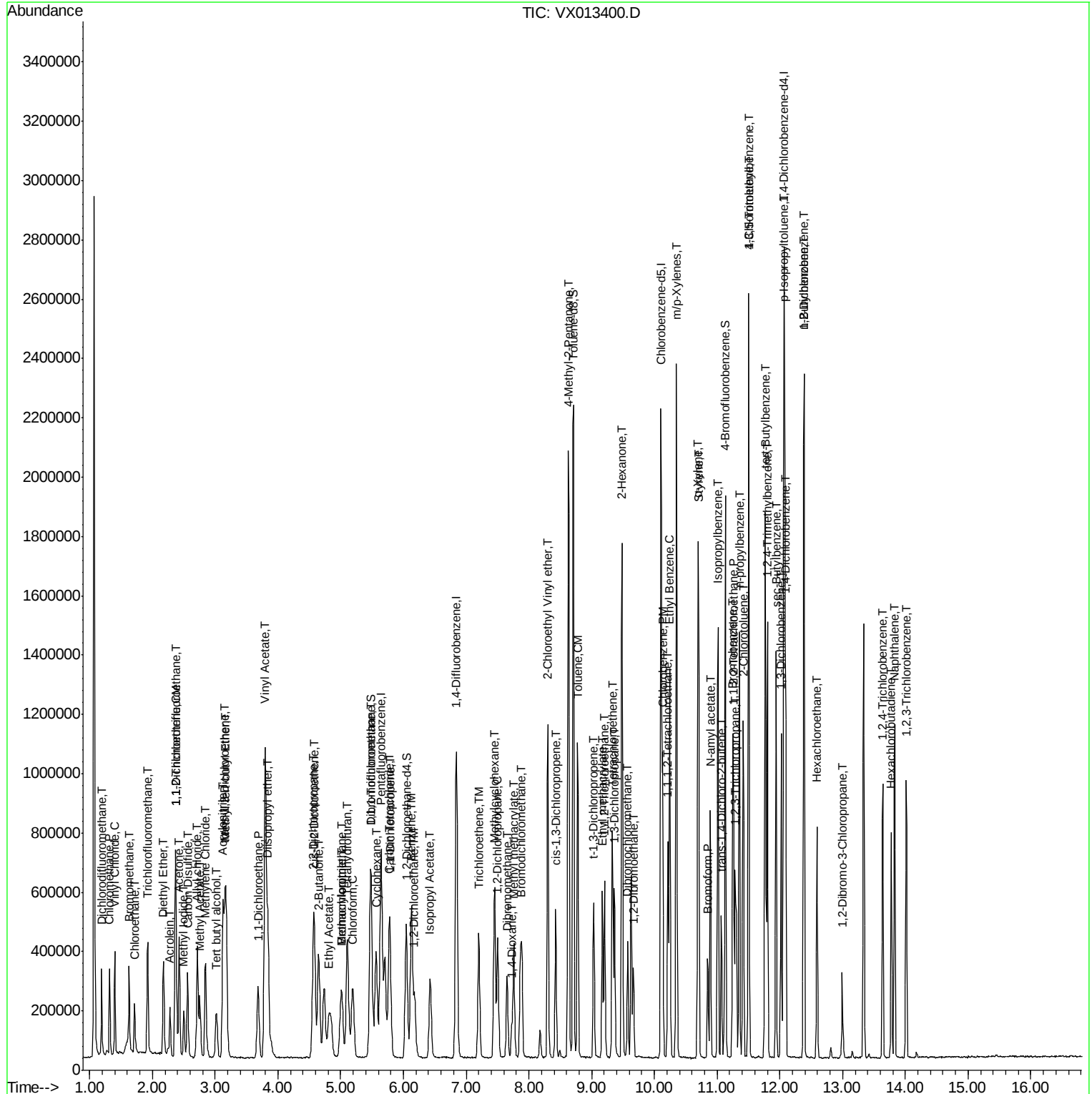
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 Data File : VX013400.D  
 Acq On : 13 Nov 2019 11:56  
 Operator : JC/SP  
 Sample : VX1113WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

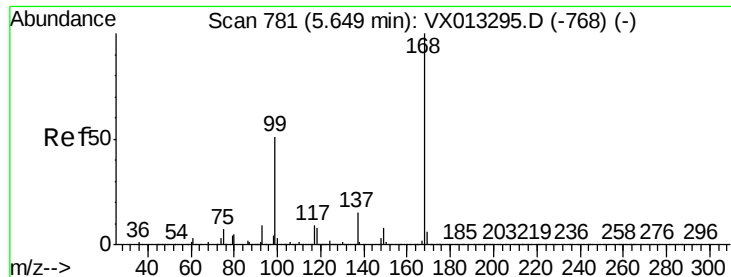
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

Manual Integrations  
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MMDadoda  
 11/14/2019 9:37:07 AM

Quant Time: Nov 14 04:45:18 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration





#1

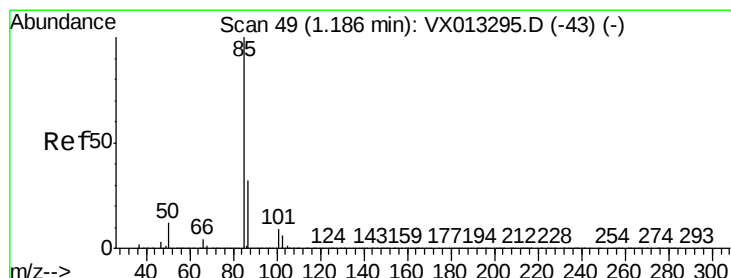
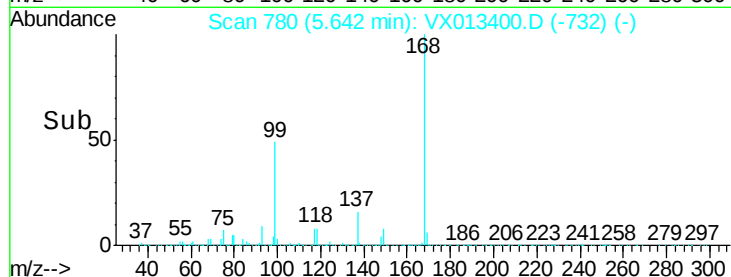
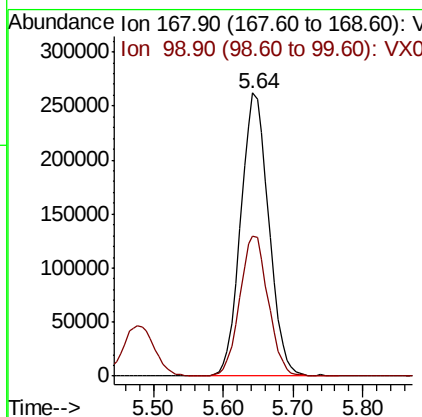
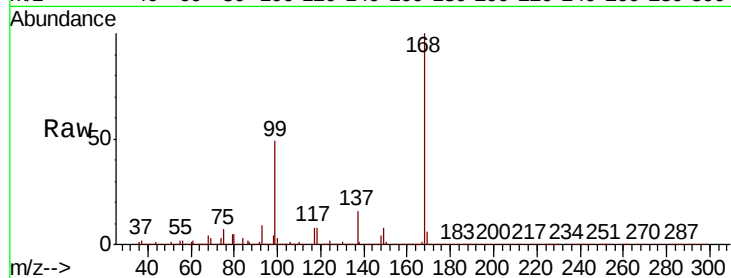
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.64 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 49.1  | 40.8  | 61.2  |

Manual Integrations  
APPROVED

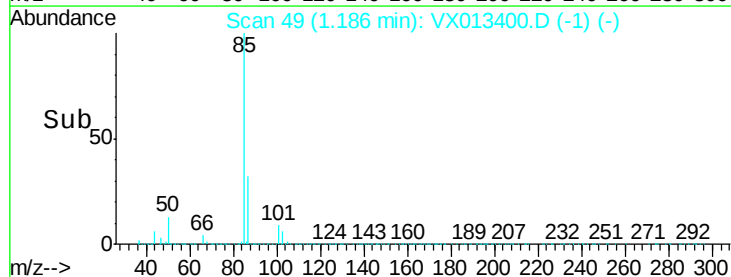
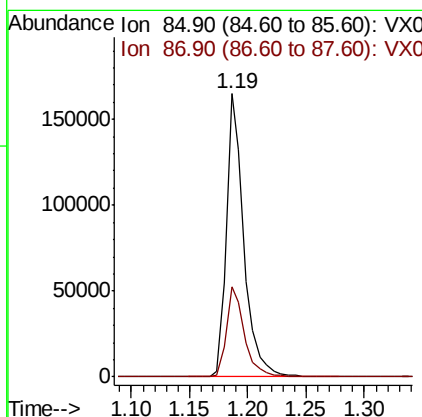
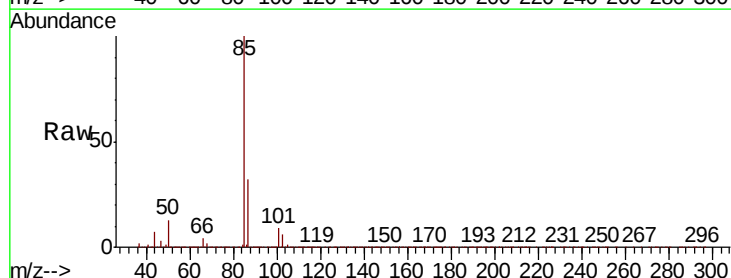
MMDadoda  
11/14/2019 9:37:07 AM

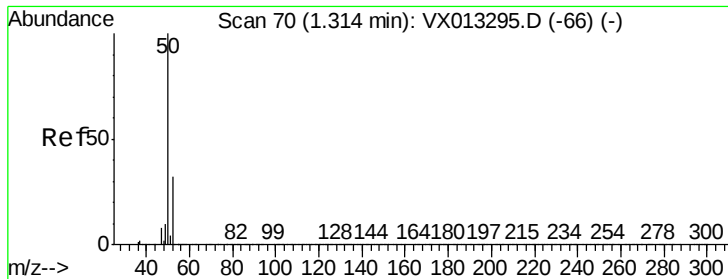


#2

Dichlorodifluoromethane  
Concen: 20.159 ug/l  
RT: 1.19 min Scan# 49  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.7  | 15.9  | 47.6  |





#3

Chloromethane

Concen: 20.147 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

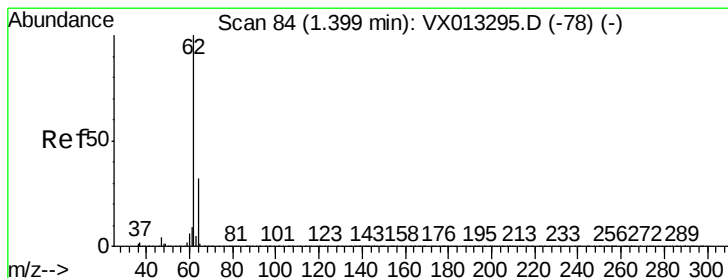
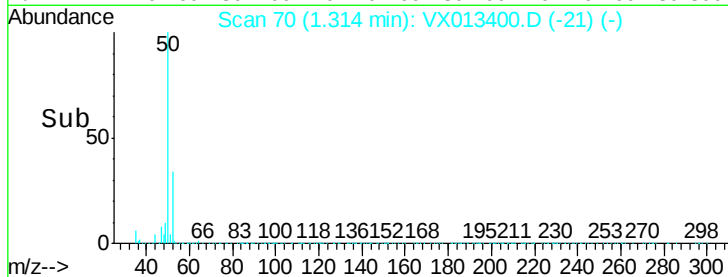
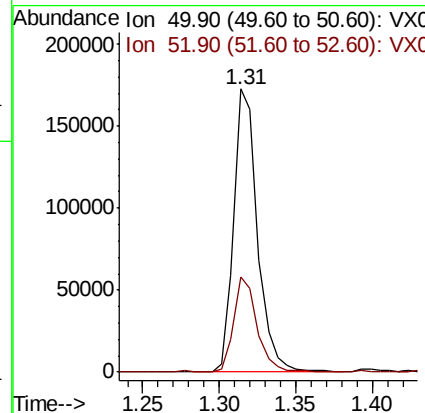
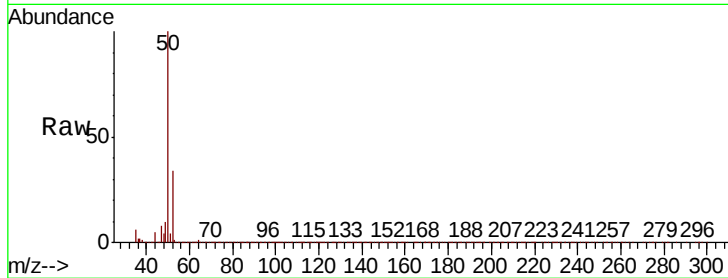
ClientSampleId :

VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 33.8  | 25.5  | 38.3  |

Manual Integrations  
APPROVED

MMDadoda  
11/14/2019 9:37:07 AM



#4

Vinyl Chloride

Concen: 20.185 ug/l

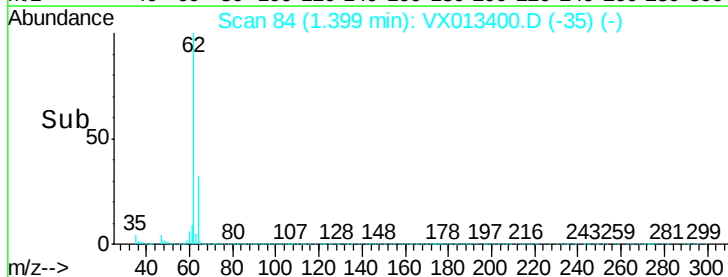
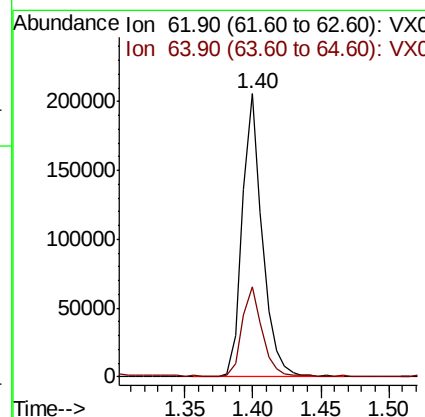
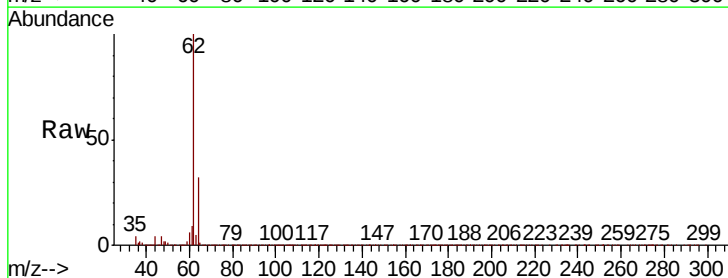
RT: 1.40 min Scan# 84

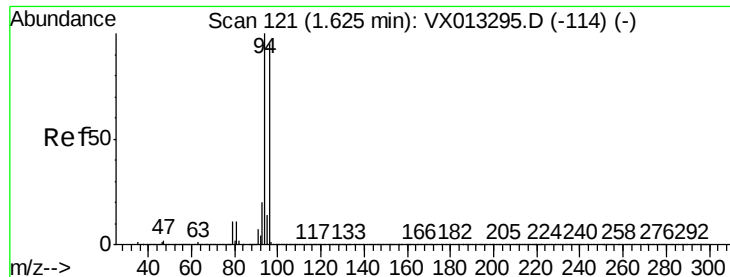
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 31.4  | 25.6  | 38.4  |





#5

Bromomethane

Concen: 16.635 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 94 Resp: 120480

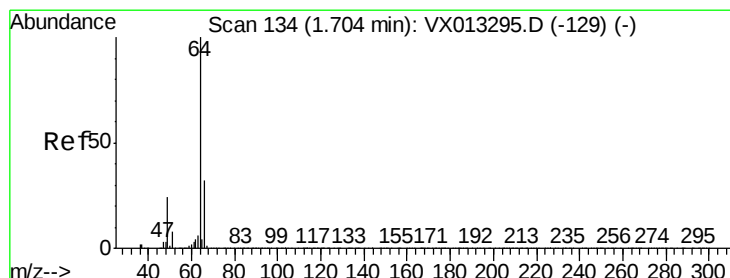
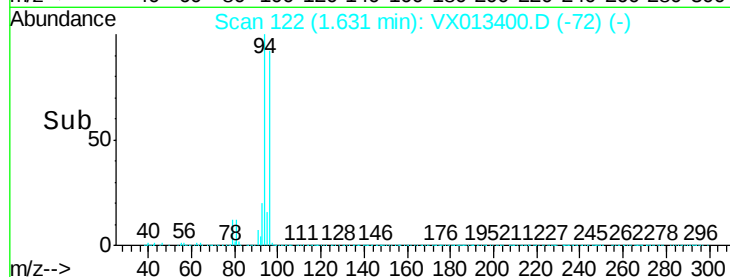
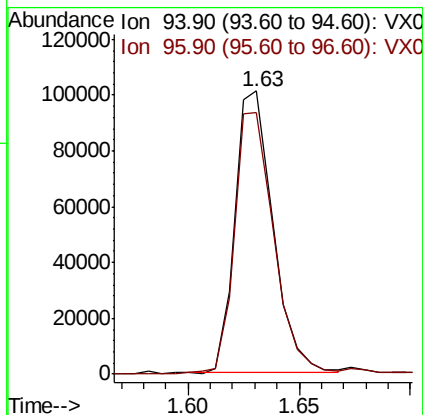
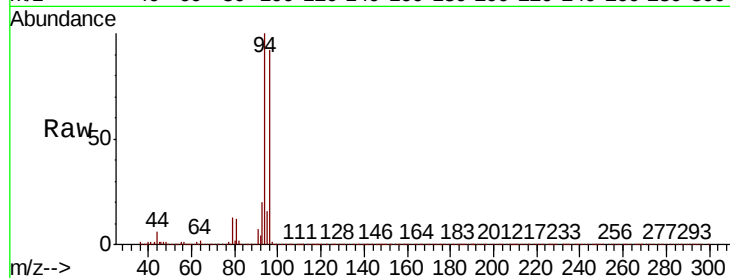
Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.8

Manual Integrations  
APPROVED

MMDadoda  
11/14/2019 9:37:07 AM



#6

Chloroethane

Concen: 18.512 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013400.D

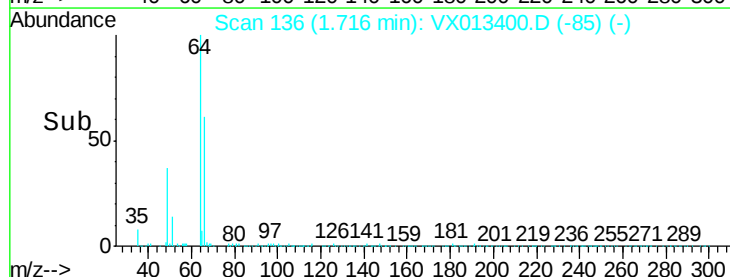
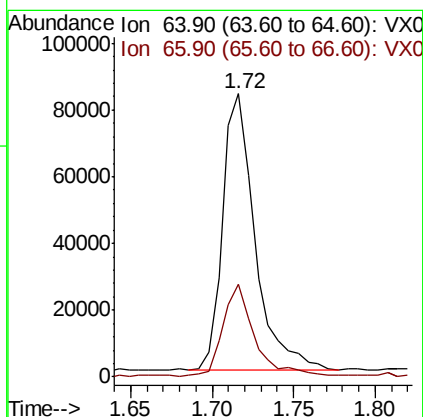
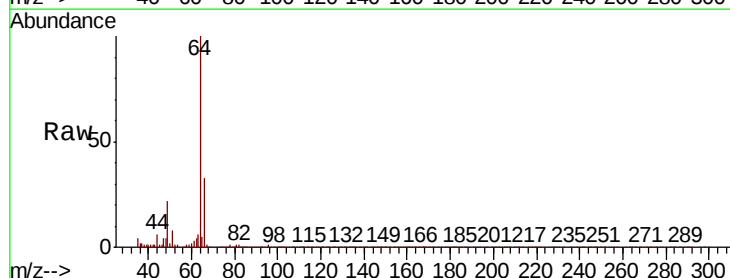
Acq: 13 Nov 2019 11:56

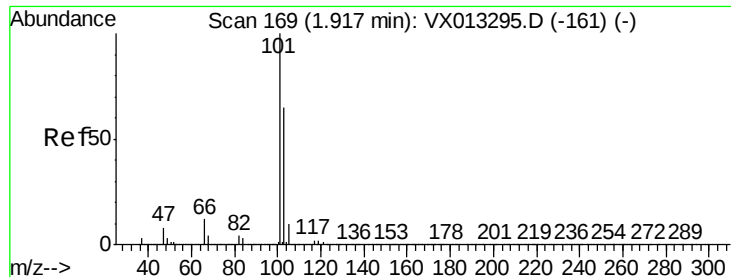
Tgt Ion: 64 Resp: 114438

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4





#7

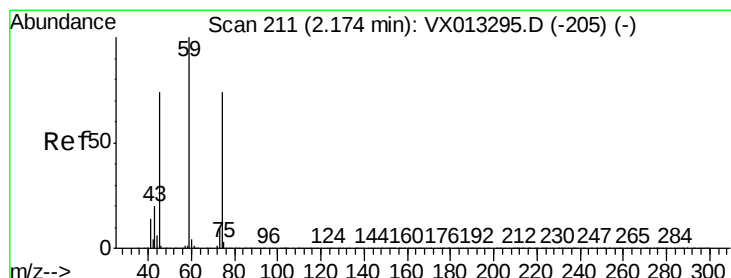
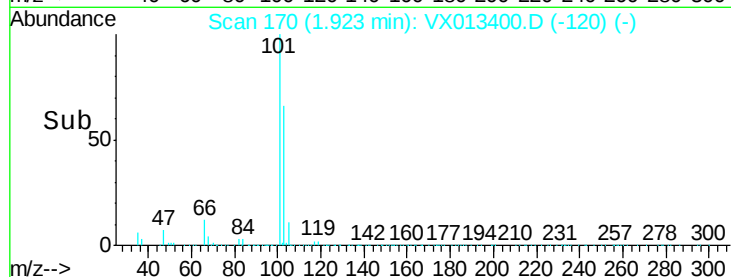
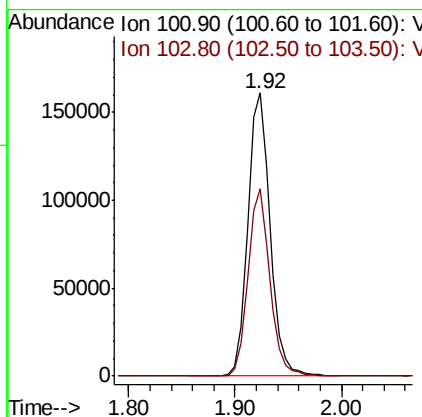
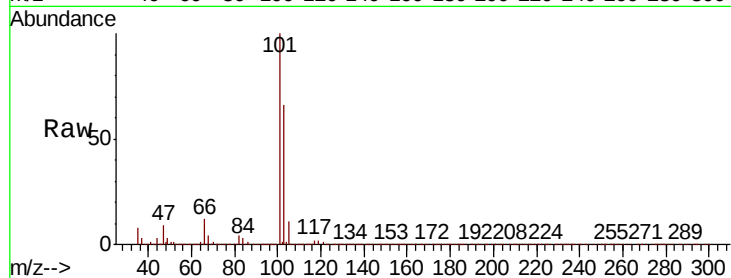
Trichlorofluoromethane  
Concen: 19.293 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 236893 |       |       |
| 103     | 66.4  | 52.3   | 78.5  |       |

Manual Integrations  
APPROVED

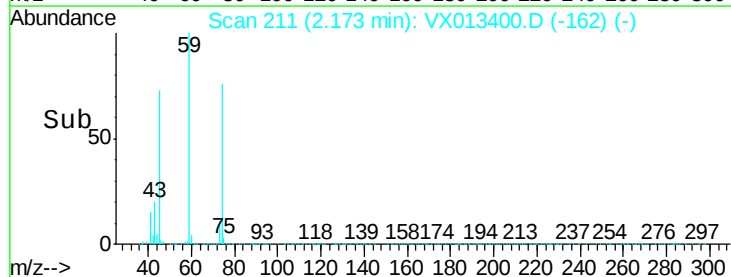
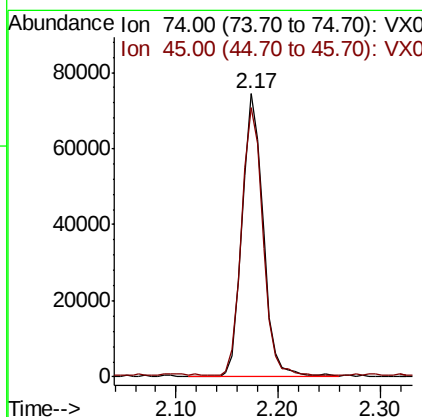
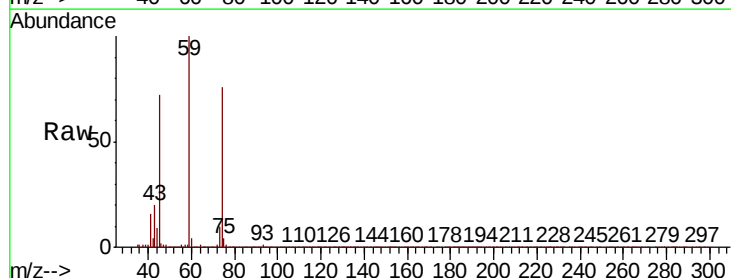
MMDadoda  
11/14/2019 9:37:07 AM

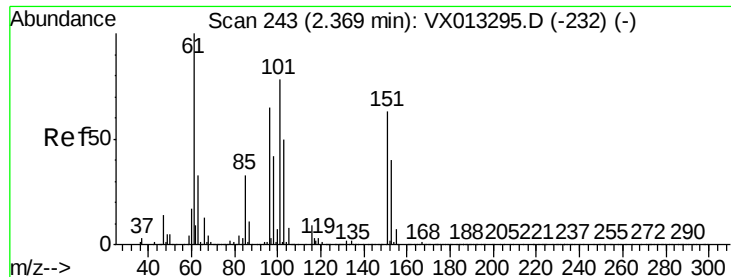


#8

Diethyl Ether  
Concen: 19.627 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 106575 |       |       |
| 45      | 95.3  | 48.5   | 145.6 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.573 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

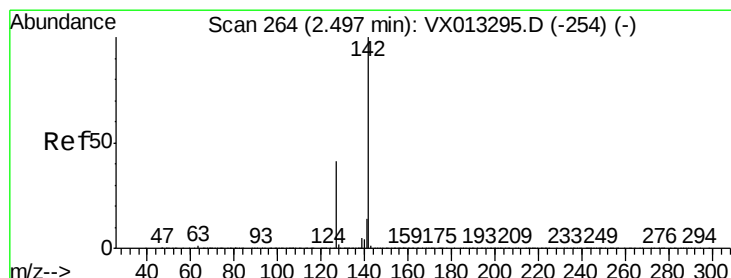
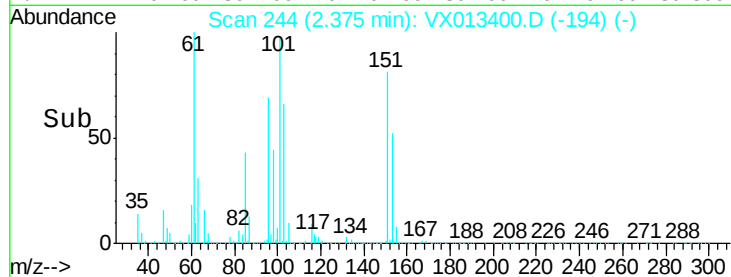
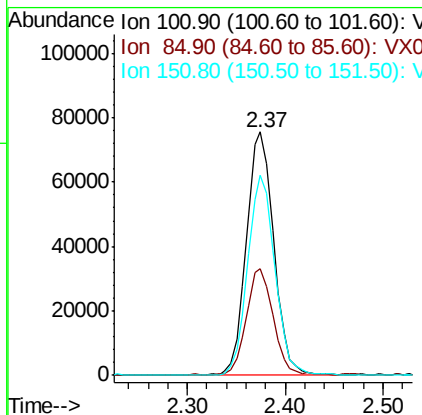
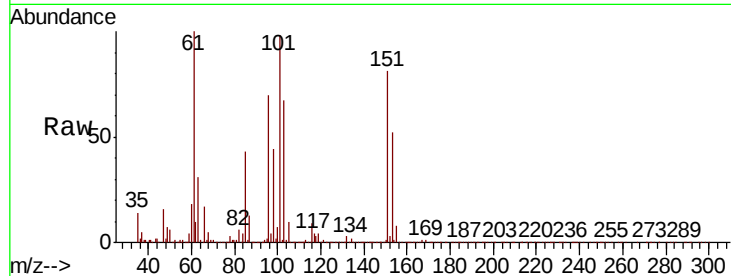
ClientSampleId :

VX1113WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 147643 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.6  | 34.4  | 51.6   |
| 151       | 82.2  | 66.4  | 99.6   |

Manual Integrations  
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MMDadoda  
11/14/2019 9:37:07 AM



#10

Methyl Iodide

Concen: 19.427 ug/l

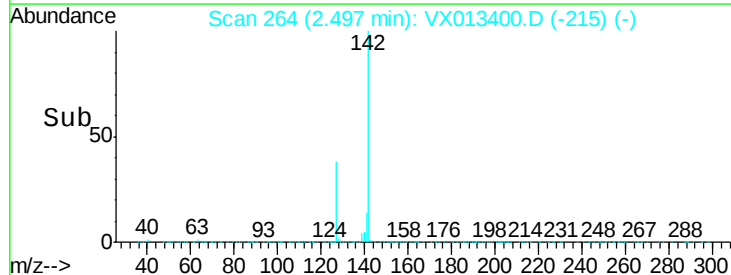
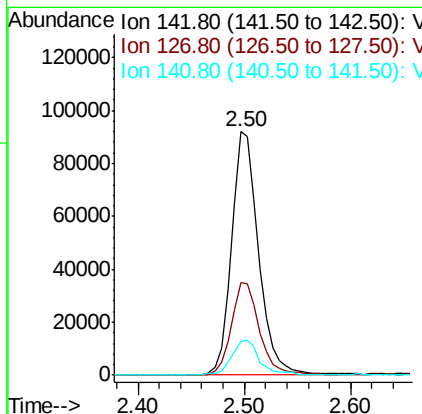
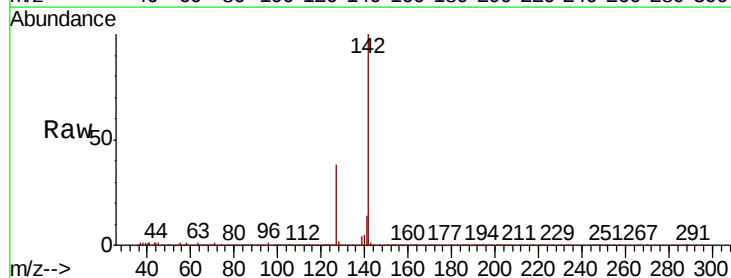
RT: 2.50 min Scan# 264

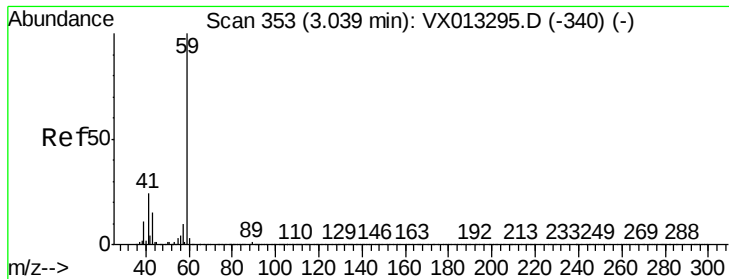
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 164612 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.9  | 32.6  | 49.0   |
| 141       | 15.0  | 11.6  | 17.4   |





#11

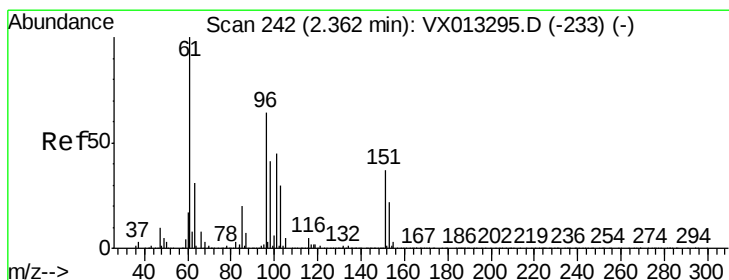
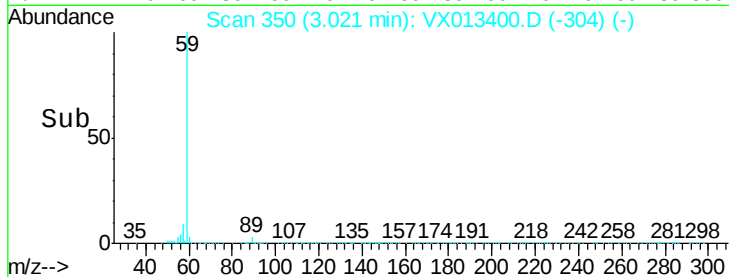
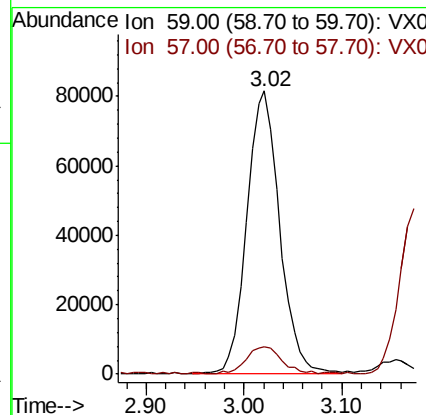
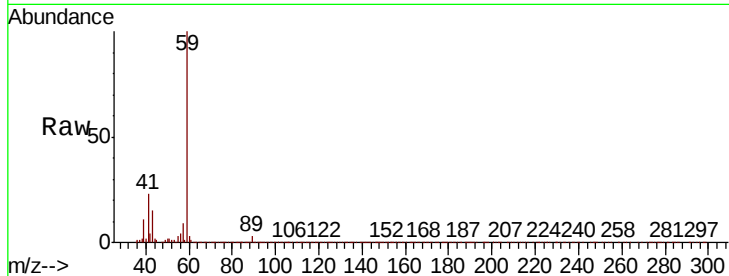
Tert butyl alcohol  
Concen: 82.726 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.02 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.0   | 12.0  |

Manual Integrations  
APPROVED

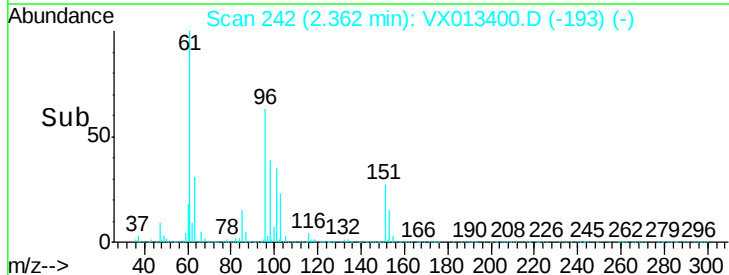
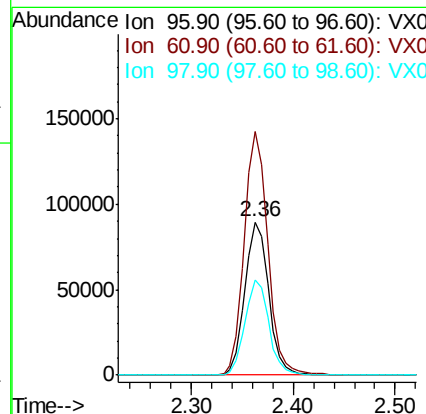
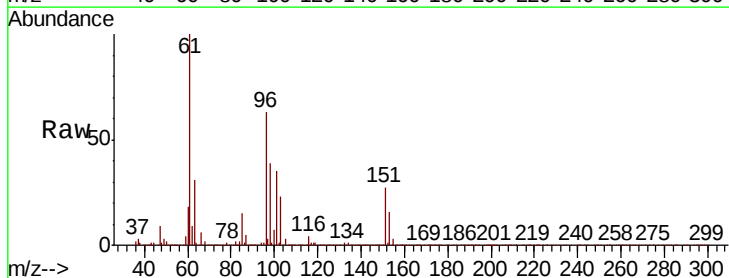
MMDadoda  
11/14/2019 9:37:07 AM

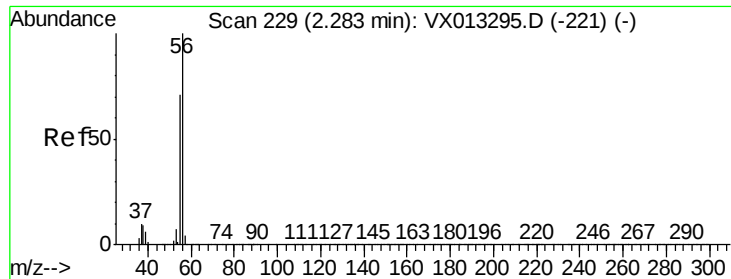


#12

1,1-Dichloroethene  
Concen: 21.681 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.3 | 125.0 | 187.6 |
| 98      | 62.5  | 50.7  | 76.1  |





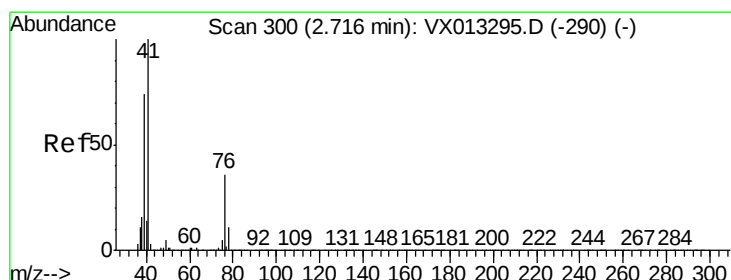
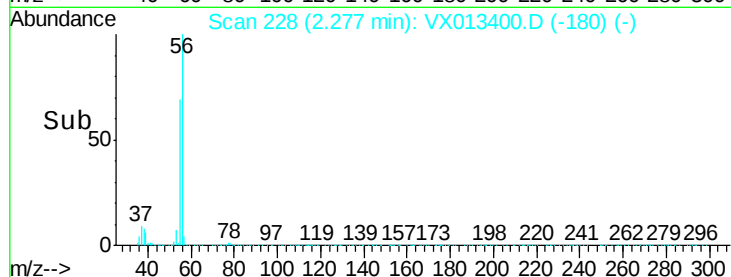
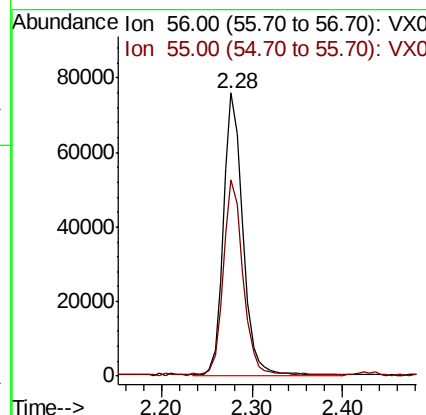
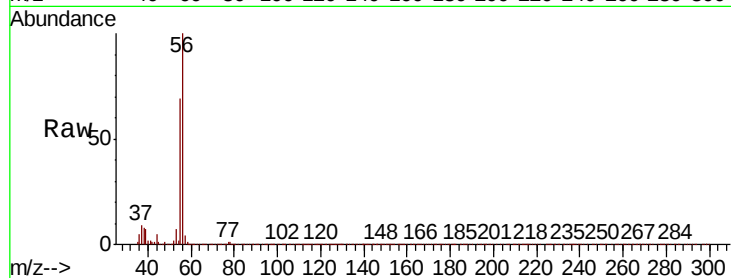
#13  
Acrolein  
Concen: 91.544 ug/l  
RT: 2.28 min Scan# 228  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 55      | 69.7 | 57.4  | 86.0  |       |

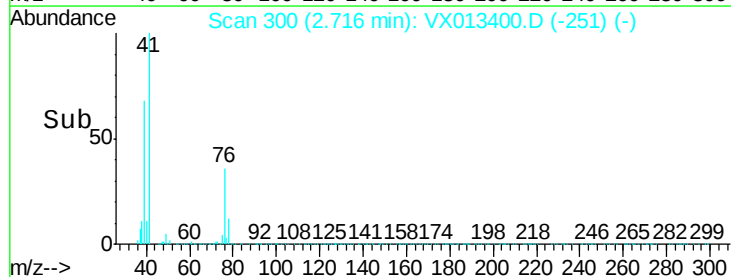
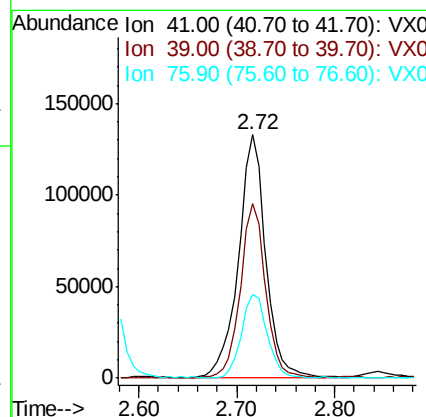
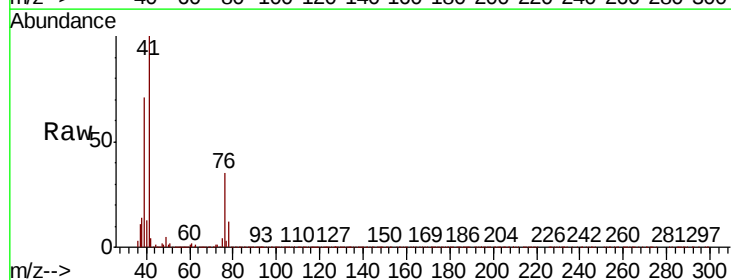
Manual Integrations  
APPROVED

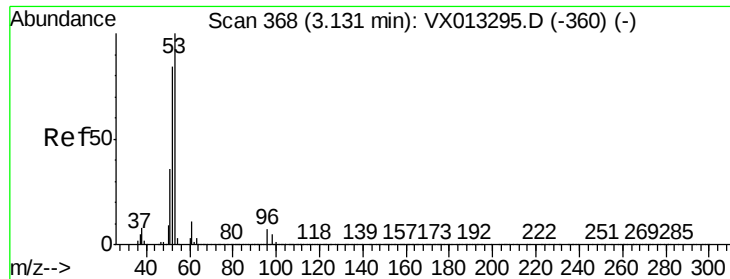
MMDadoda  
11/14/2019 9:37:07 AM



#14  
Allyl chloride  
Concen: 21.060 ug/l  
RT: 2.72 min Scan# 300  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 67.2 | 55.8  | 83.8  |       |
| 76      | 32.4 | 26.4  | 39.6  |       |





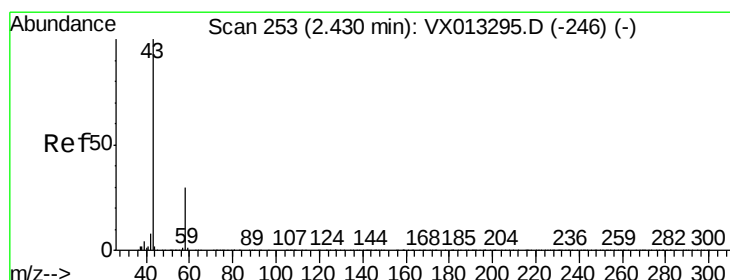
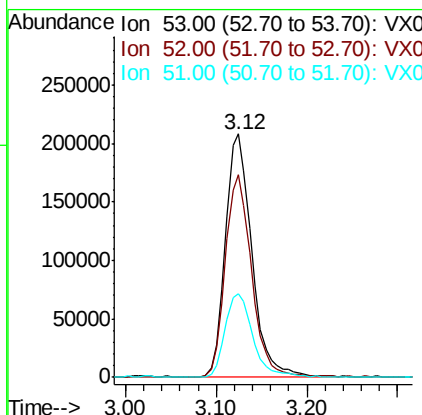
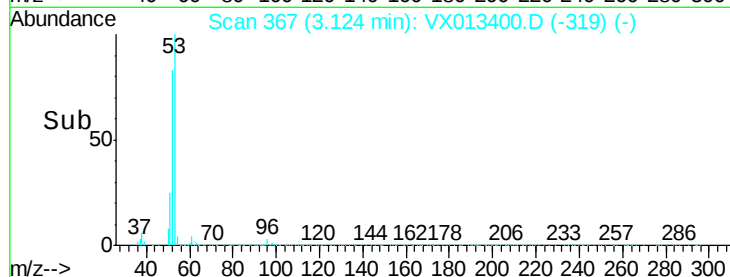
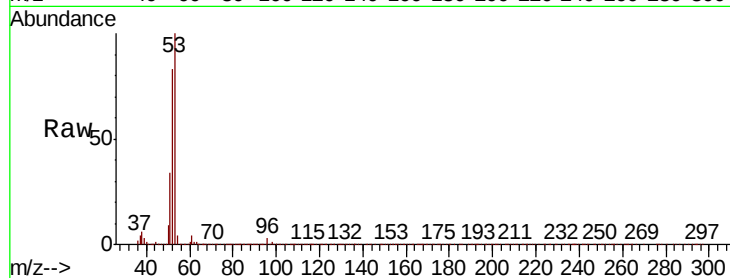
#15  
 Acrylonitrile  
 Concen: 98.960 ug/l  
 RT: 3.12 min Scan# 367  
 Delta R.T. -0.01 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 421726 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.0  | 67.4  | 101.0  |
| 51       | 36.5  | 29.4  | 44.2   |

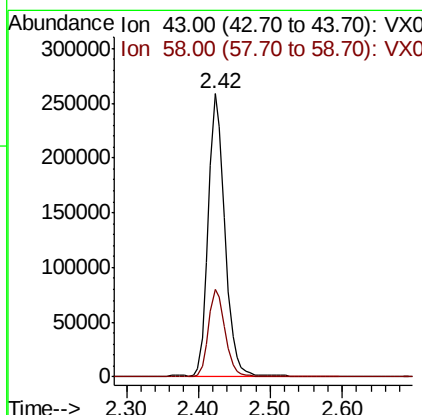
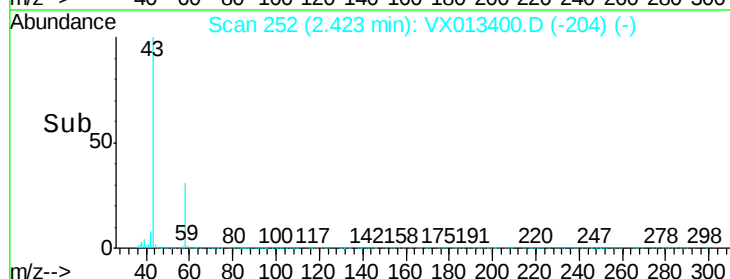
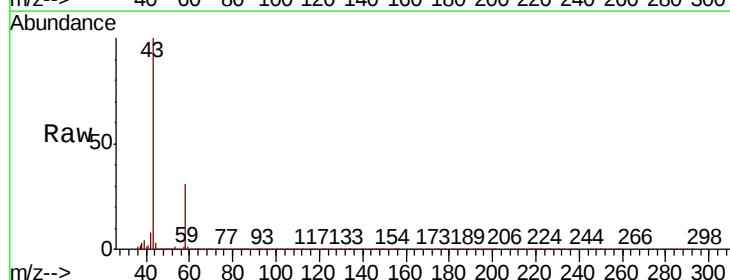
Manual Integrations  
 APPROVED

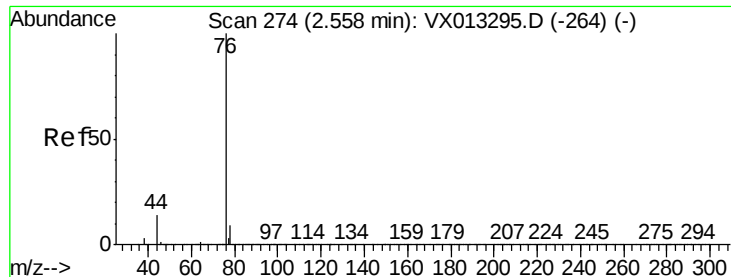
MMDadoda  
 11/14/2019 9:37:07 AM



#16  
 Acetone  
 Concen: 95.388 ug/l  
 RT: 2.42 min Scan# 252  
 Delta R.T. -0.01 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 411828 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.9  | 24.3  | 36.5   |





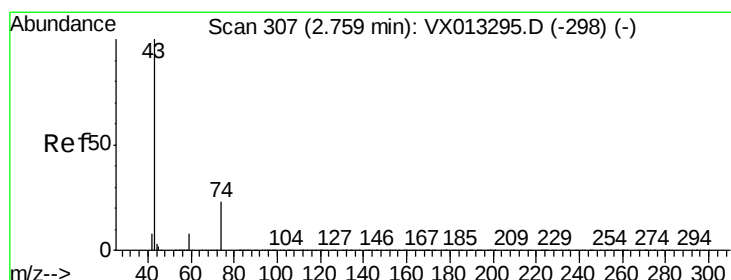
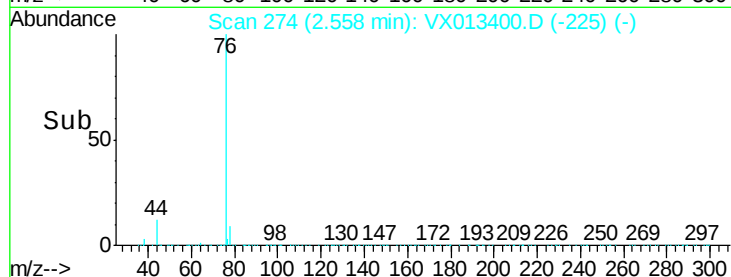
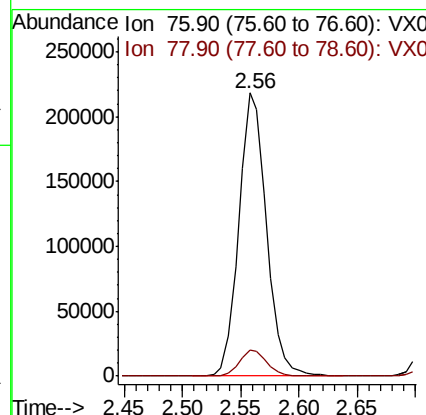
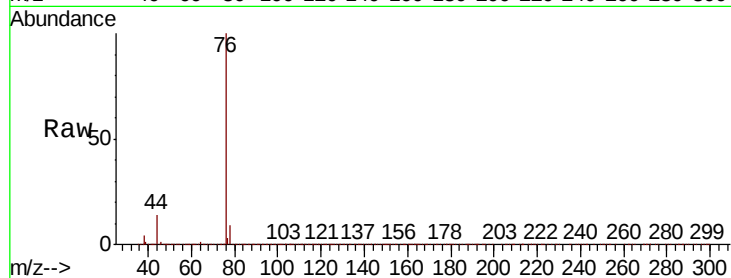
#17  
Carbon Disulfide  
Concen: 20.065 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.0   | 10.6  |

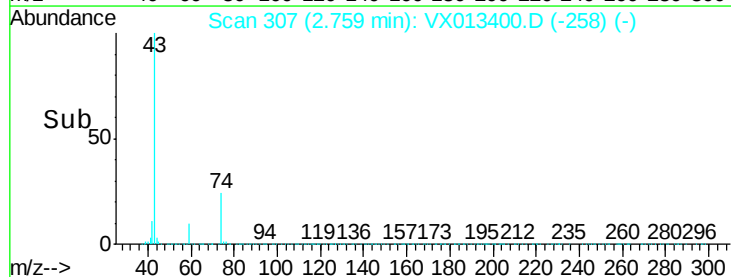
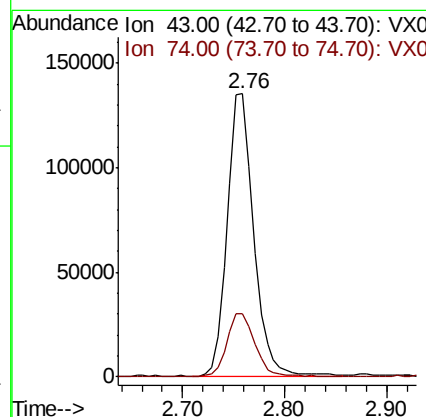
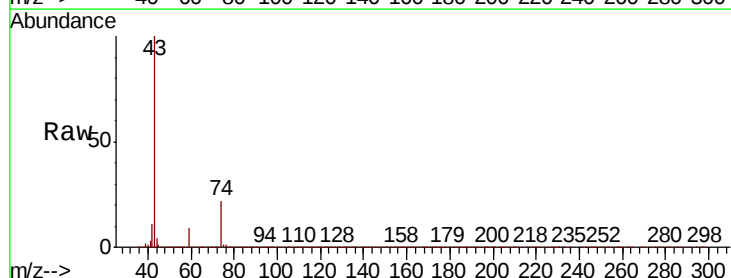
Manual Integrations  
APPROVED

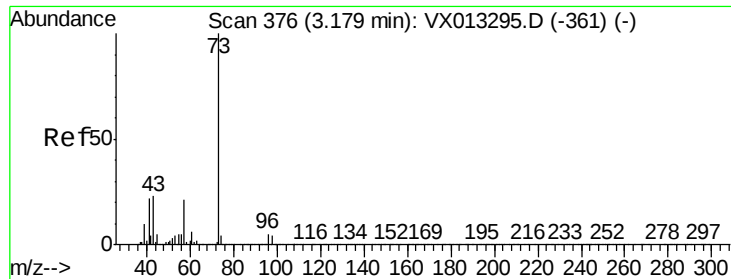
MMDadoda  
11/14/2019 9:37:07 AM



#18  
Methyl Acetate  
Concen: 20.394 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.3  | 19.0  | 28.6  |





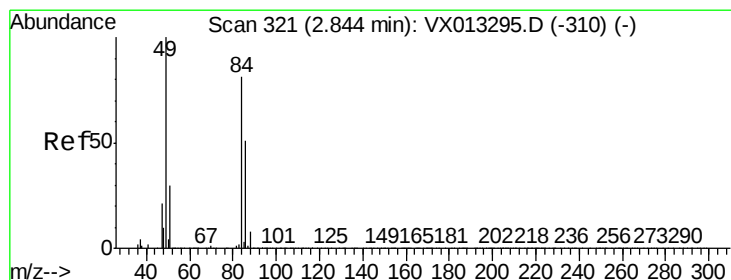
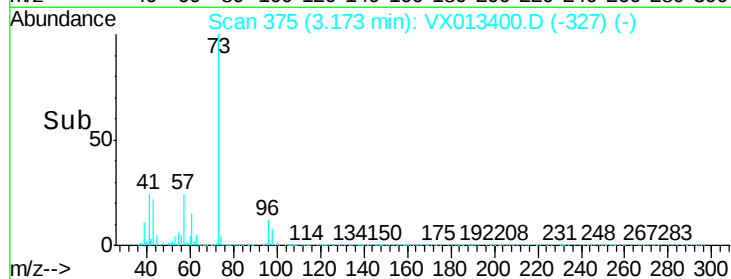
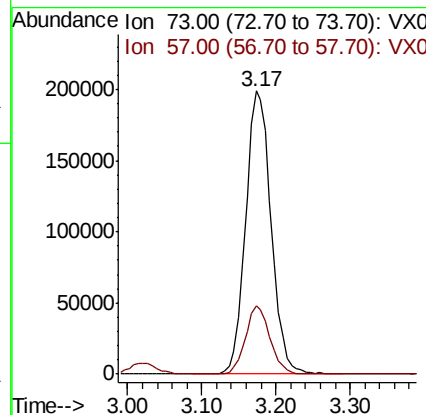
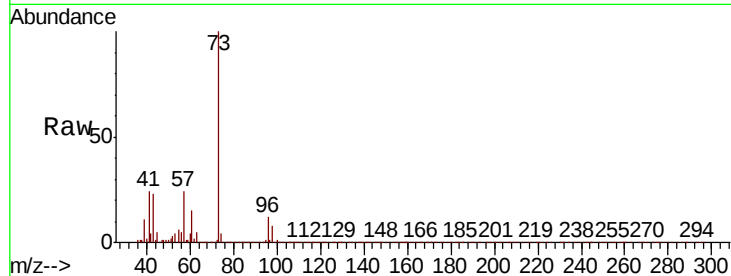
#19  
Methvl tert-butvl Ether  
Concen: 21.325 ug/l  
RT: 3.17 min Scan# 375  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.8  | 17.1  | 25.7  |

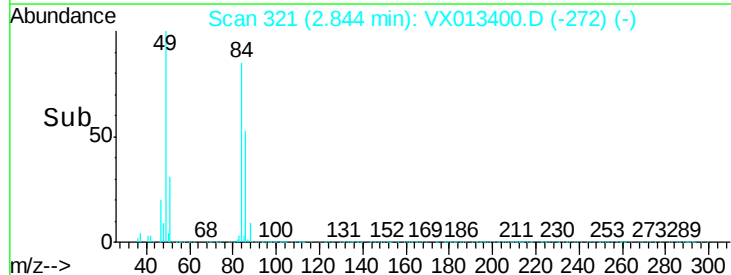
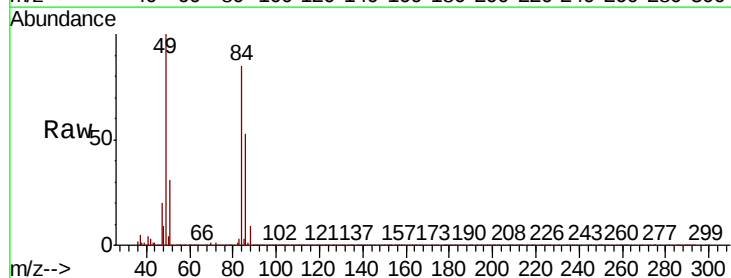
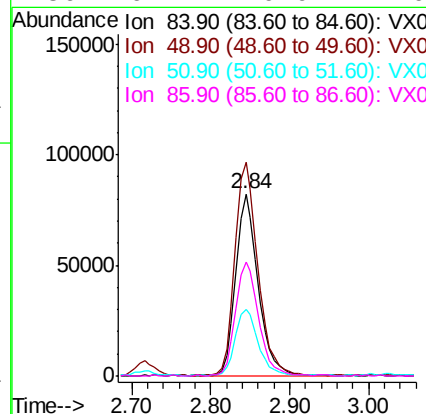
Manual Integrations  
APPROVED

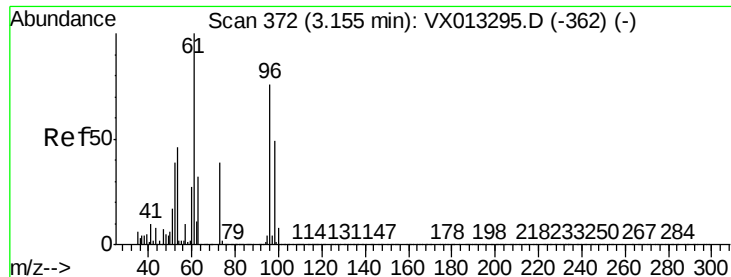
MMDadoda  
11/14/2019 9:37:07 AM



#20  
Methylene Chloride  
Concen: 20.582 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.1 | 98.2  | 147.4 |
| 51      | 36.4  | 29.9  | 44.9  |
| 86      | 62.4  | 49.9  | 74.9  |





#21

trans-1,2-Dichloroethene

Concen: 20.978 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

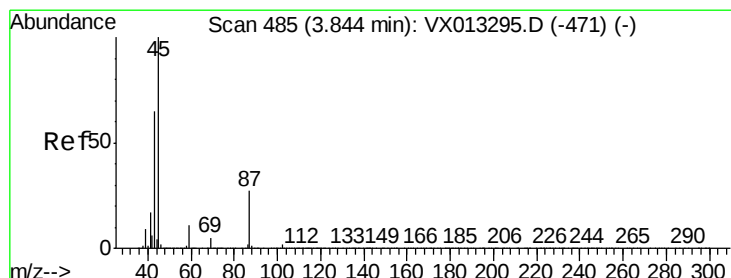
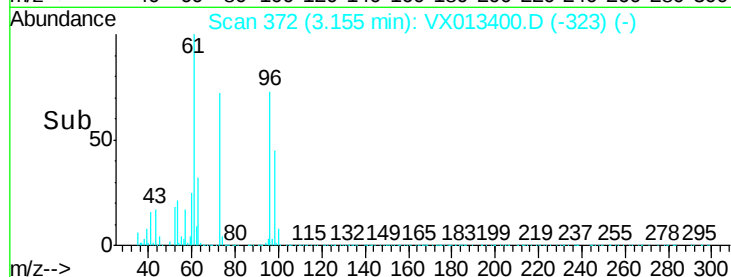
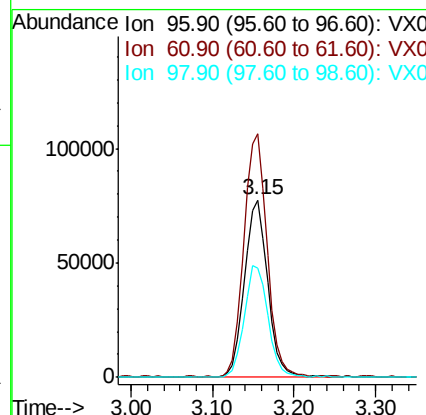
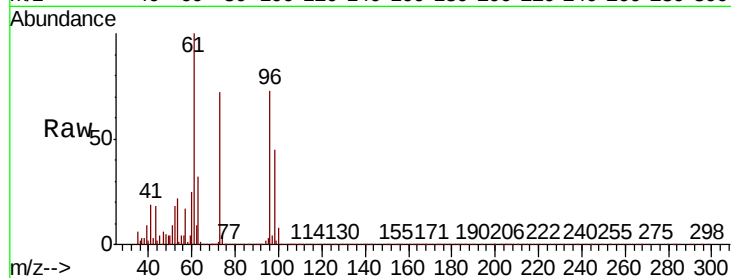
ClientSampleId :

VX1113WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 153077 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 137.0 | 105.8 | 158.6  |
| 98        | 61.4  | 51.8  | 77.6   |

Manual Integrations  
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MMDadoda  
11/14/2019 9:37:07 AM



#22

Diisopropyl ether

Concen: 22.169 ug/l

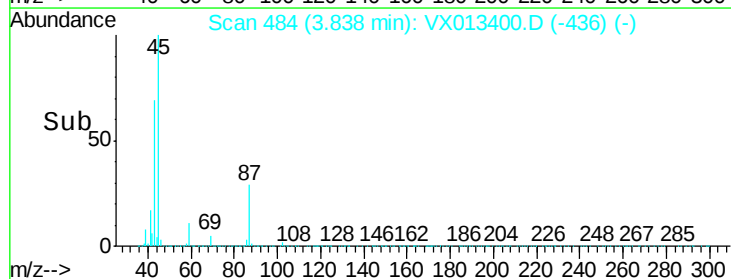
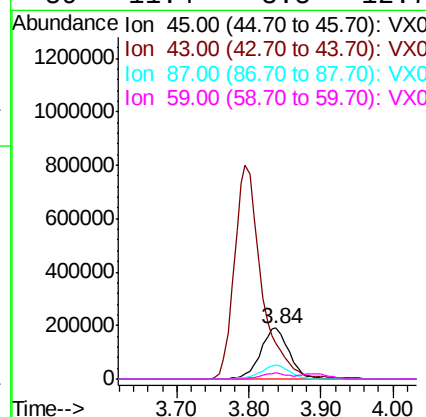
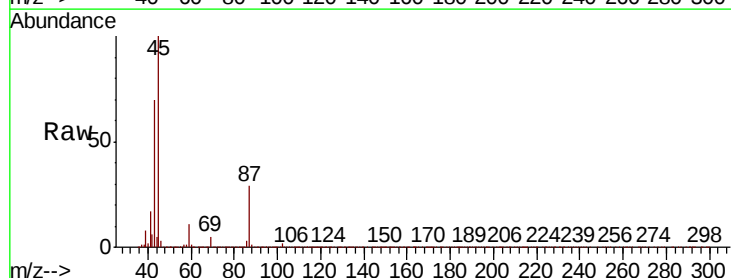
RT: 3.84 min Scan# 484

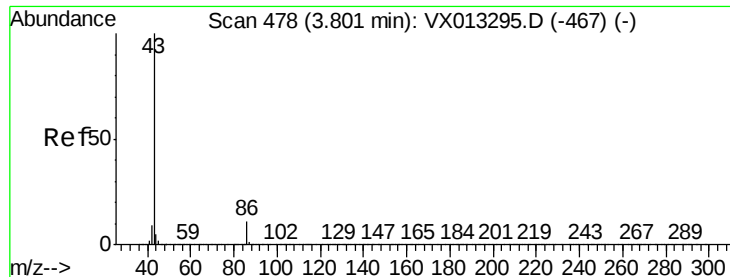
Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 521190 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 69.6  | 54.2  | 81.2   |
| 87        | 28.6  | 21.8  | 32.8   |
| 59        | 11.4  | 8.5   | 12.7   |





#23

Vinyl Acetate

Concen: 104.401 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 43 Resp: 2100229

Ion Ratio Lower Upper

43 100

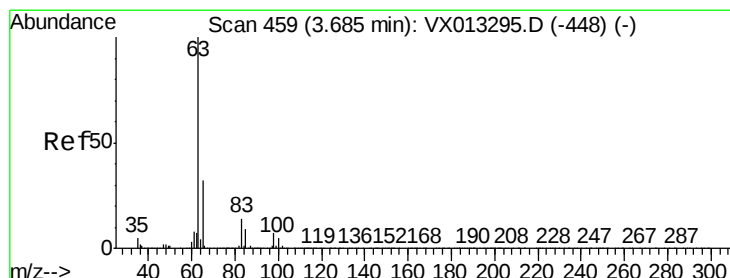
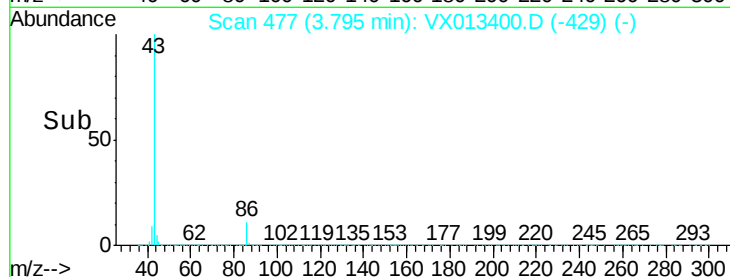
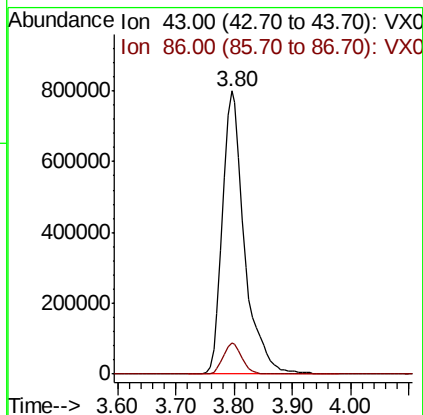
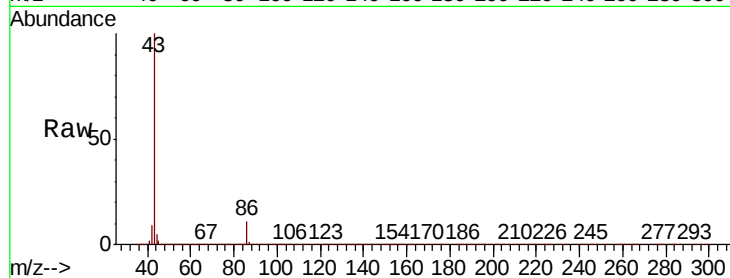
86 11.0 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 21.241 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

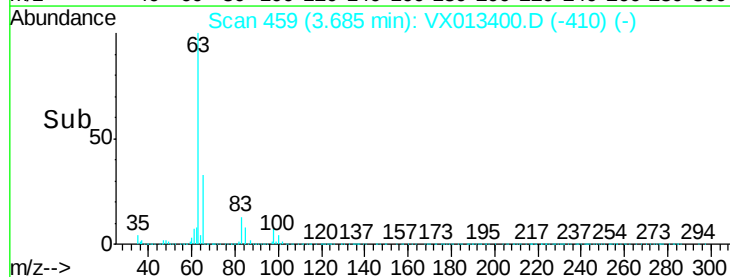
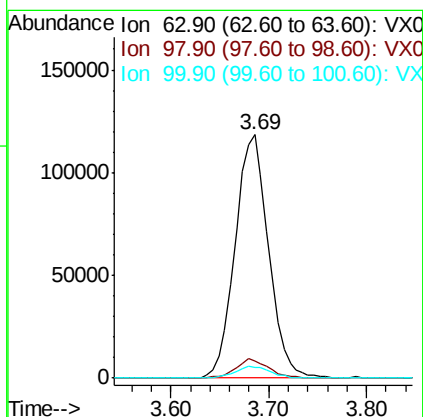
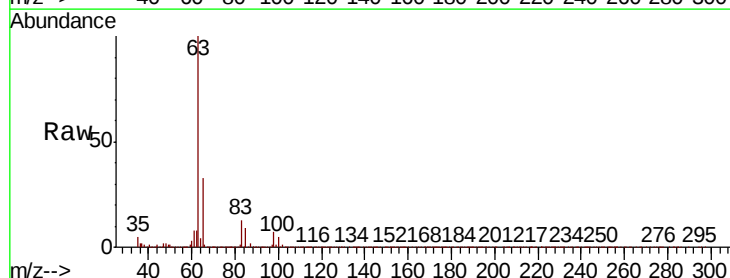
Tgt Ion: 63 Resp: 279341

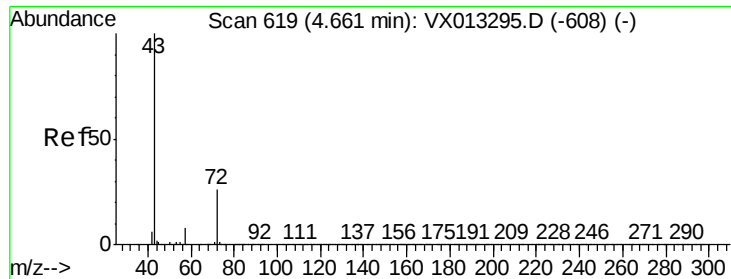
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 97.407 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 43 Resp: 616943

Ion Ratio Lower Upper

43 100

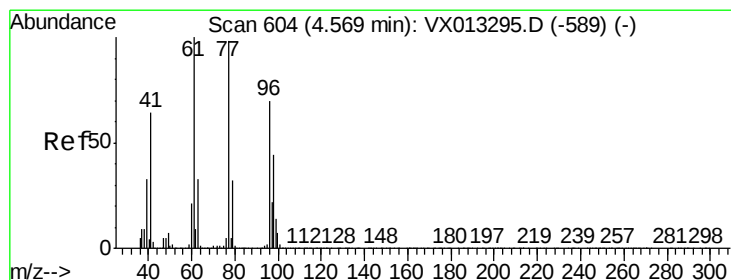
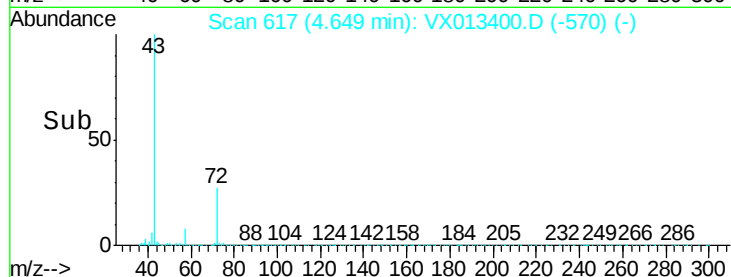
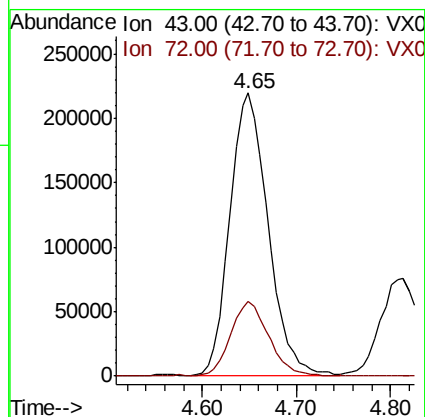
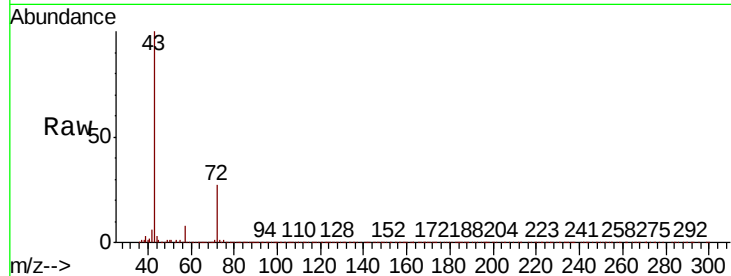
72 26.4 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 22.008 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013400.D

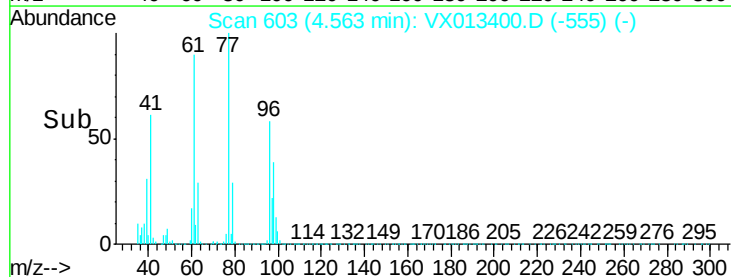
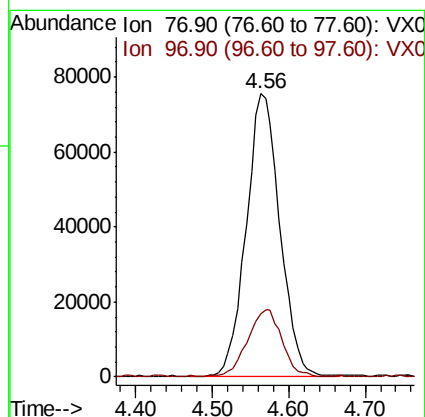
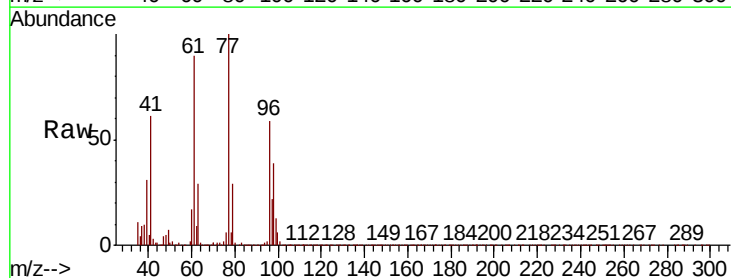
Acq: 13 Nov 2019 11:56

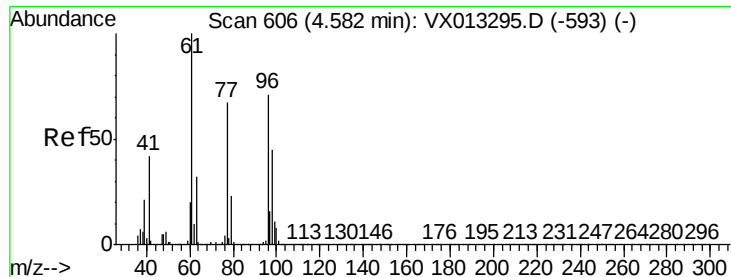
Tgt Ion: 77 Resp: 230250

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 22.112 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013400.D

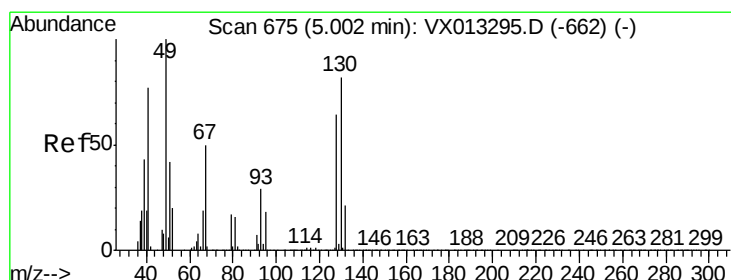
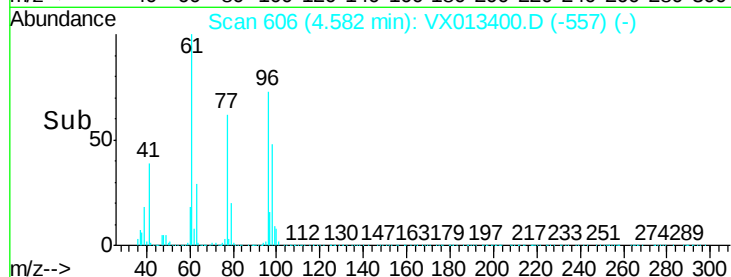
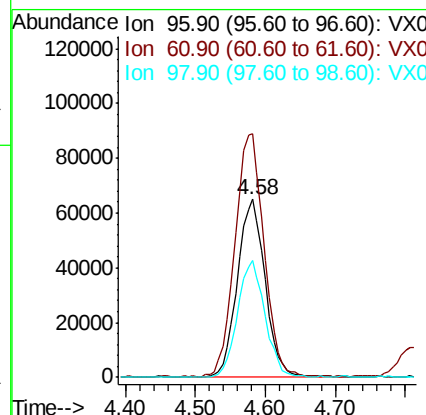
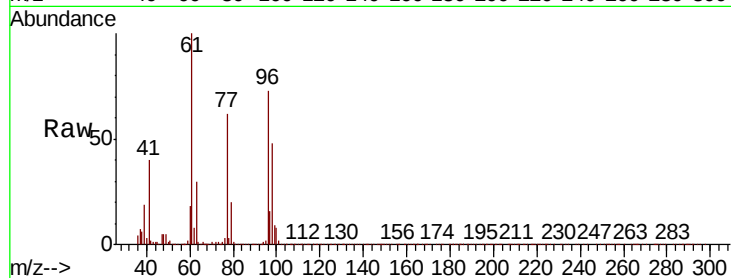
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 180755 |       |       |
| 61      | 142.2 | 0.0    | 288.0 |       |
| 98      | 63.5  | 0.0    | 129.6 |       |

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#28

Bromochloromethane

Concen: 19.112 ug/l

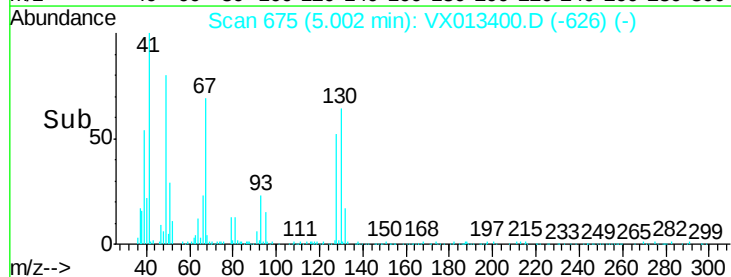
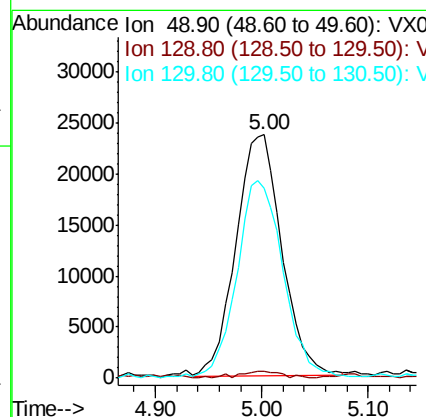
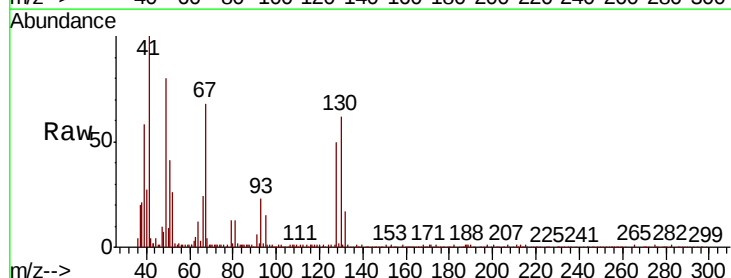
RT: 5.00 min Scan# 675

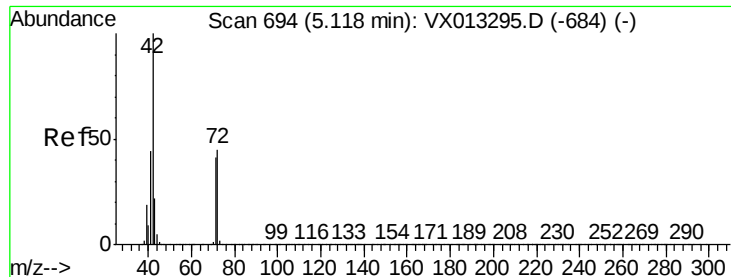
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 71364 |       |       |
| 129     | 2.4   | 0.0   | 5.2   |       |
| 130     | 82.7  | 63.8  | 95.6  |       |





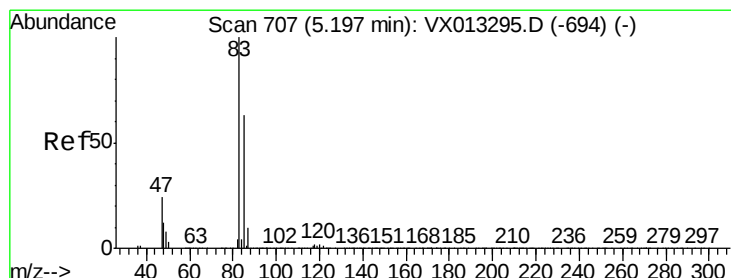
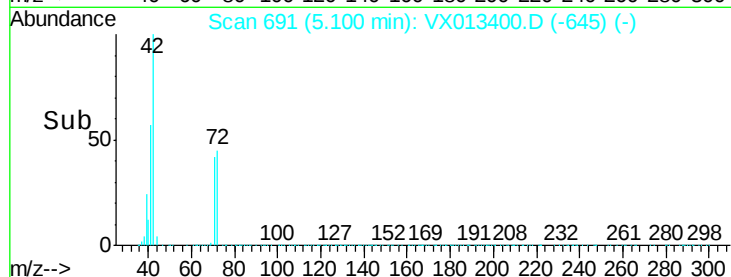
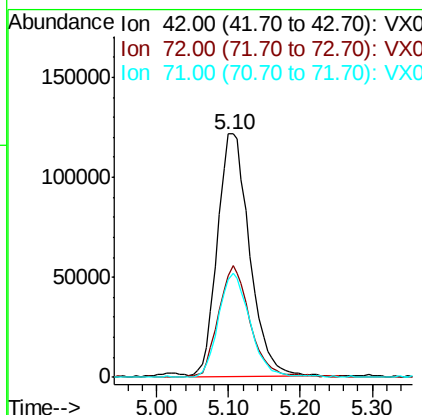
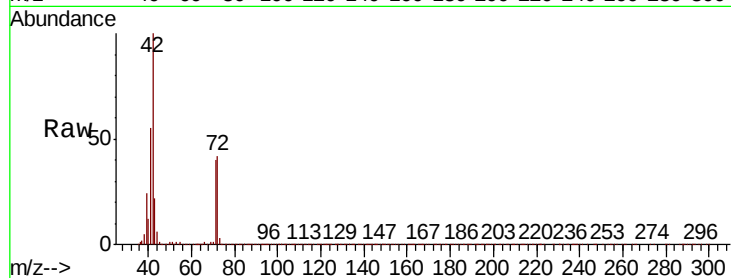
#29  
Tetrahydrofuran  
Concen: 96.793 ug/l  
RT: 5.10 min Scan# 691  
Delta R.T. -0.02 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.2  | 35.8  | 53.8  |
| 71      | 41.6  | 33.4  | 50.0  |

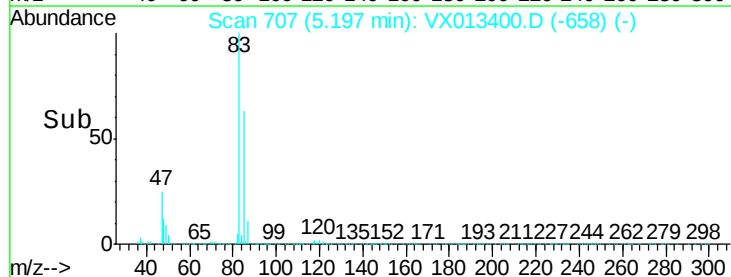
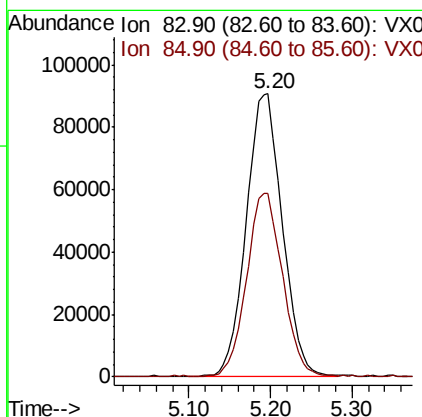
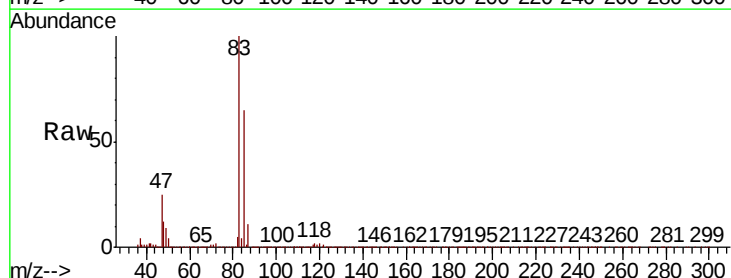
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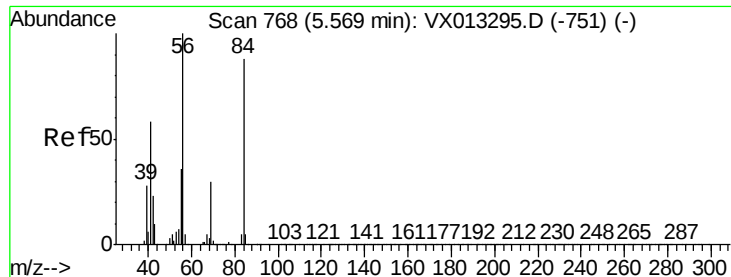
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#30  
Chloroform  
Concen: 21.501 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.6  | 50.2  | 75.4  |





#31

Cyclohexane

Concen: 21.508 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

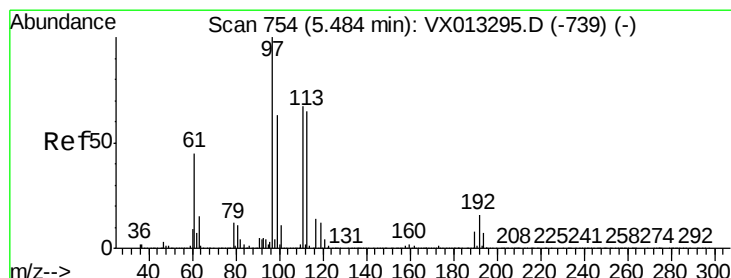
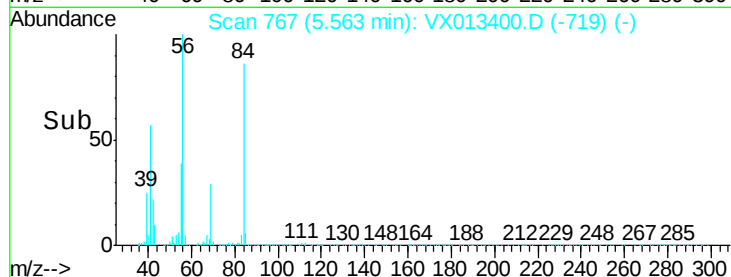
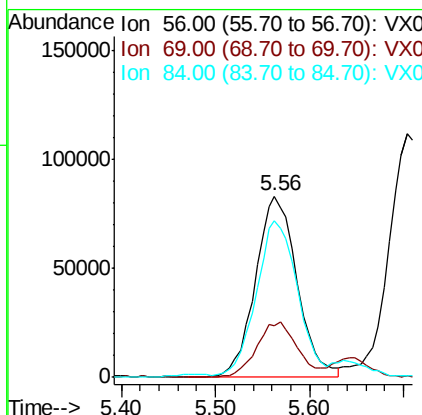
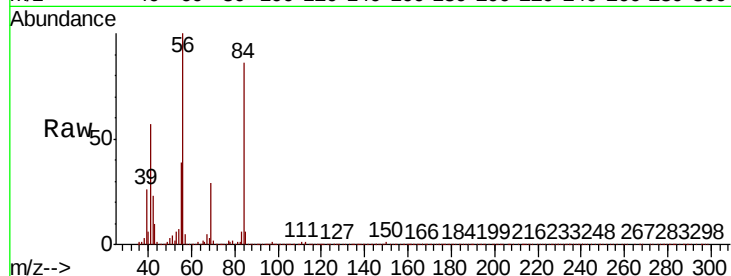
ClientSampleId :

VX1113WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 254518 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 28.5 | 23.7  | 35.5   |
| 84        | 85.3 | 70.6  | 105.8  |

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#32

1,1,1-Trichloroethane

Concen: 21.142 ug/l

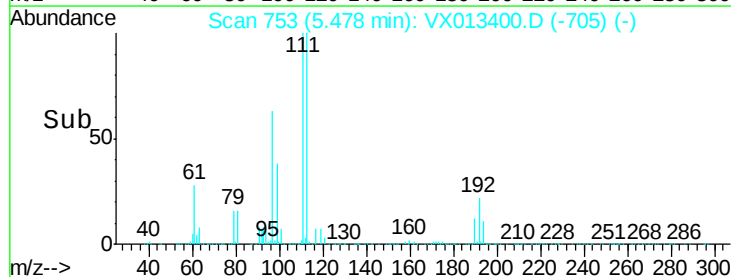
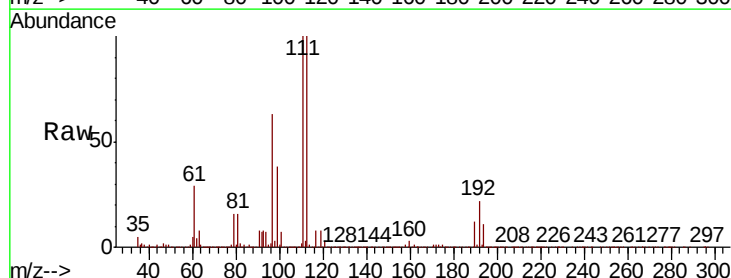
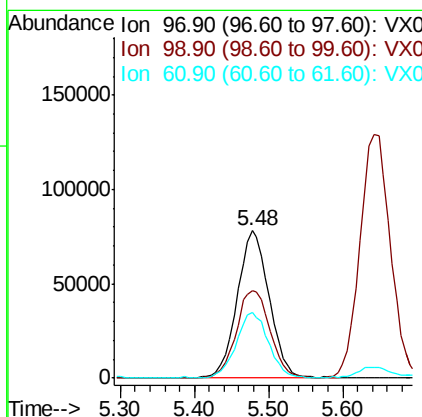
RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 236283 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 62.5 | 51.1  | 76.7   |
| 61        | 44.0 | 36.5  | 54.7   |





#33

1,2-Dichloroethane-d4

Concen: 48.231 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 65 Resp: 417476

Ion Ratio Lower Upper

65 100

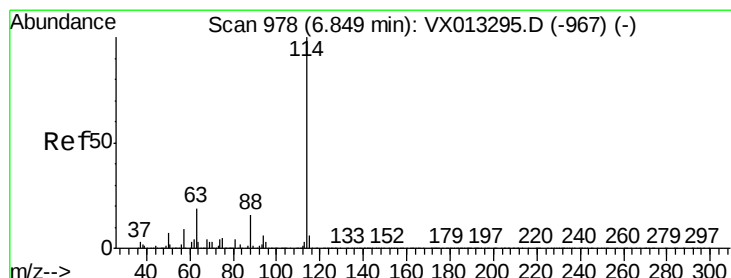
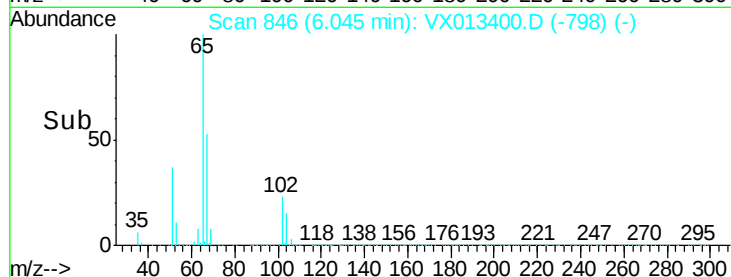
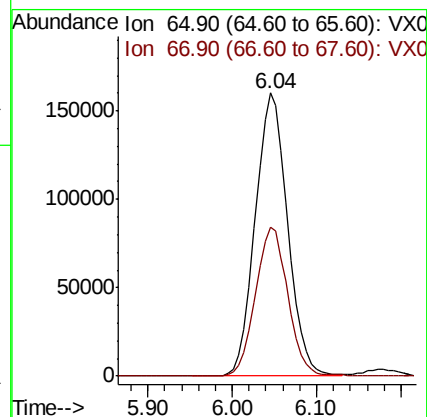
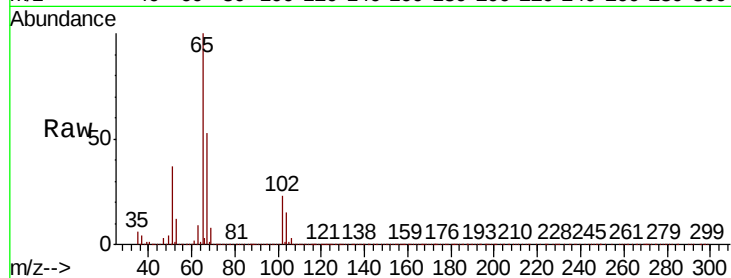
67 52.3 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

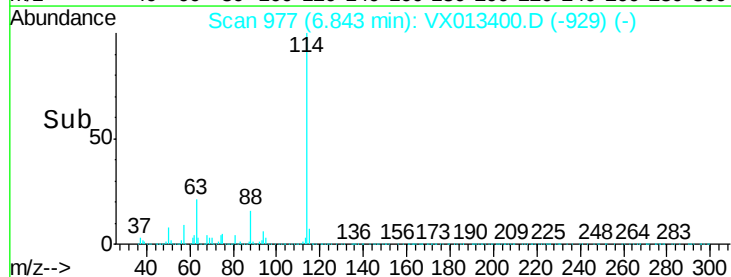
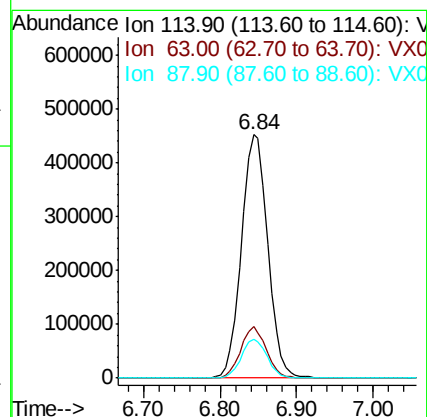
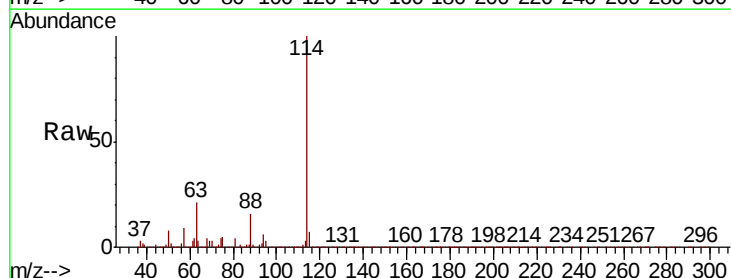
Tgt Ion: 114 Resp: 1078863

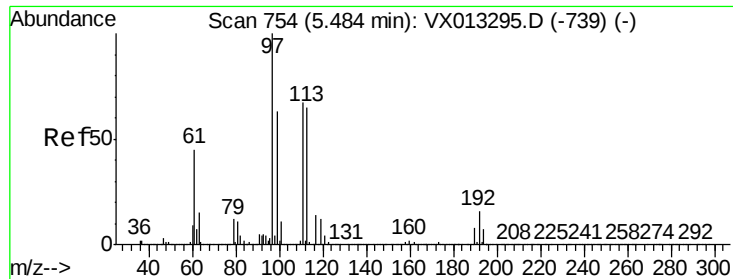
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 16.0 0.0 32.2





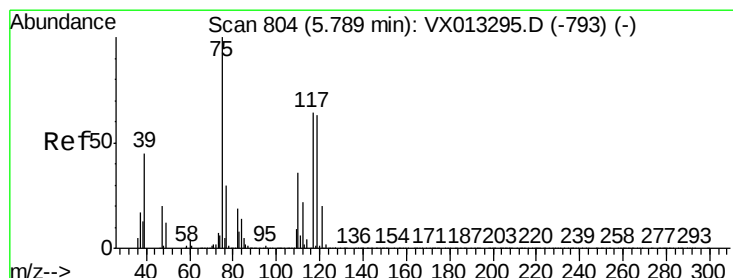
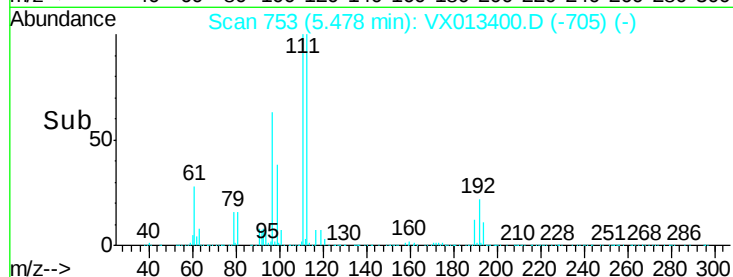
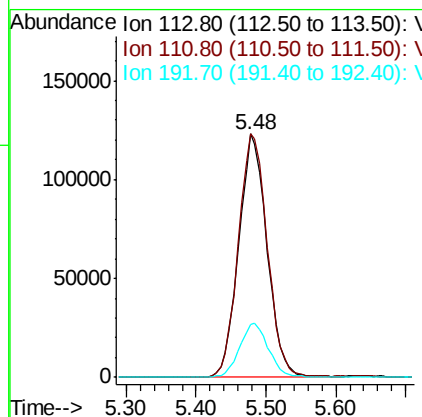
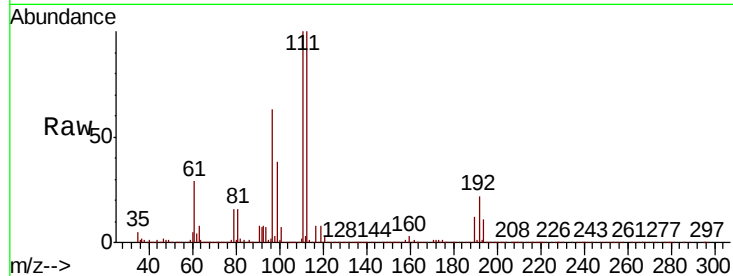
#35  
Dibromofluoromethane  
Concen: 51.060 ug/l  
RT: 5.48 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 102.5 | 81.9 | 122.9 |       |
| 192     | 22.5  | 19.1 | 28.7  |       |

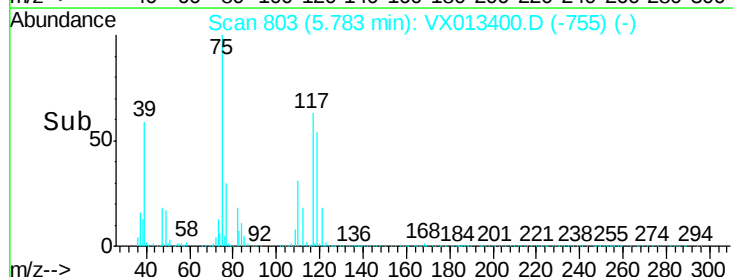
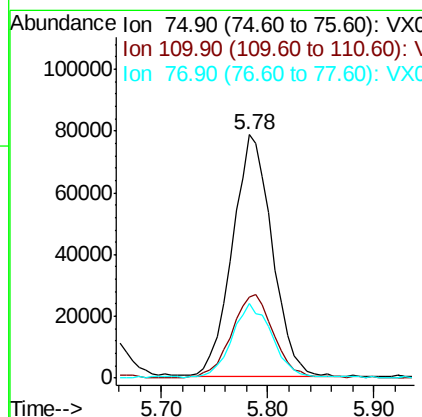
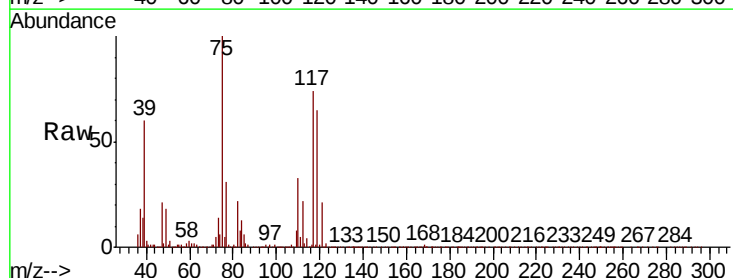
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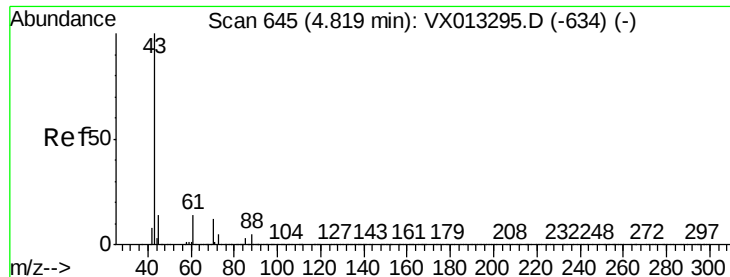
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 22.173 ug/l  
RT: 5.78 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 35.9  | 18.1 | 54.1  |       |
| 77      | 30.7  | 25.0 | 37.4  |       |





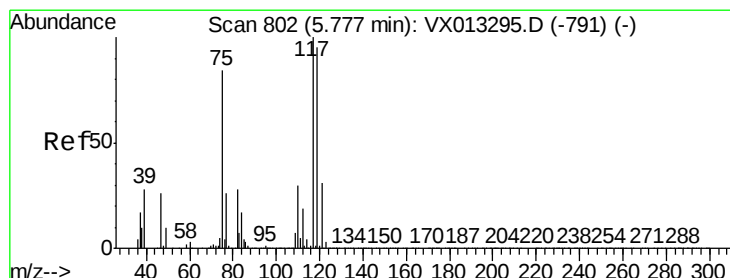
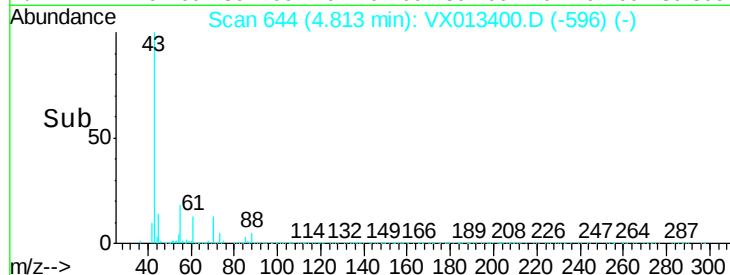
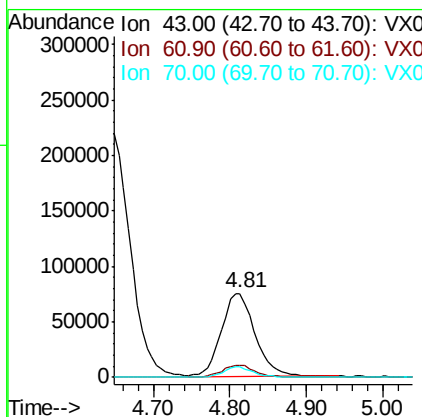
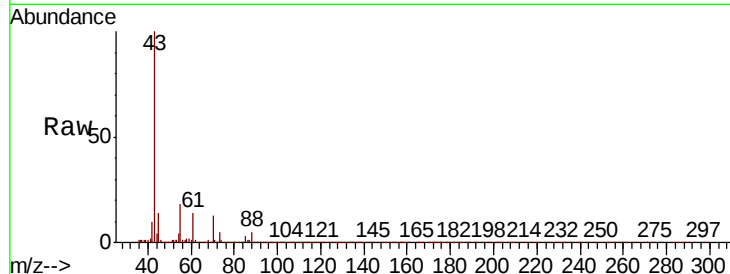
#37  
Ethyl Acetate  
Concen: 19.815 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion   | 43    | Resp  | 226617 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.3  | 10.7  | 16.1   |
| 70        | 11.3  | 8.7   | 13.1   |

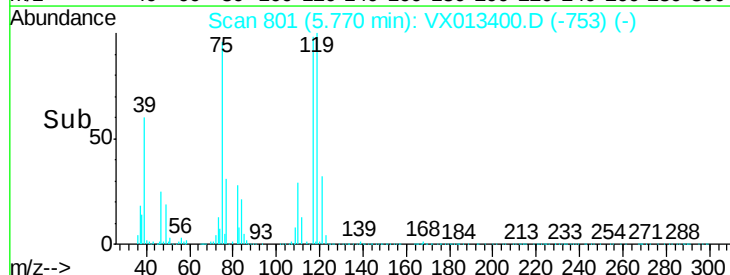
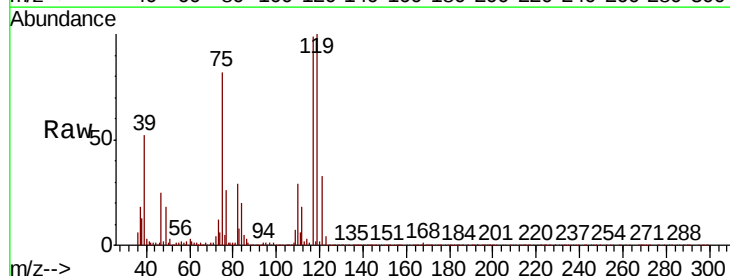
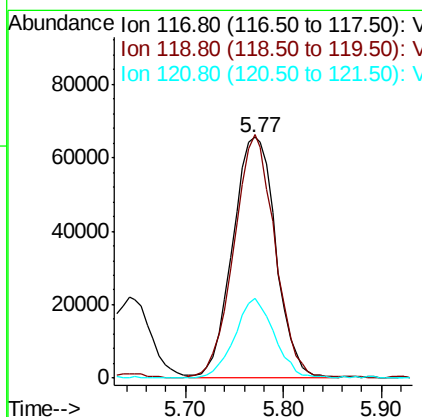
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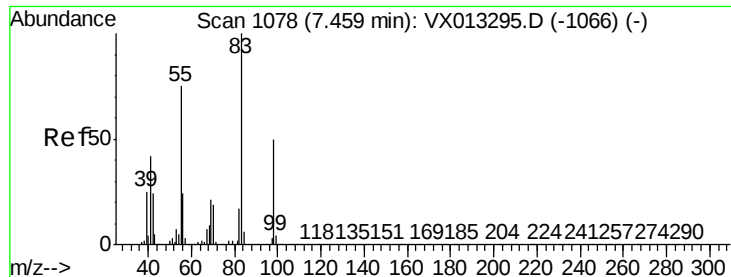
MMDadoda  
11/14/2019 9:37:07 AM



#38  
Carbon Tetrachloride  
Concen: 21.952 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion   | 117   | Resp  | 198679 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 100.9 | 76.1  | 114.1  |
| 121       | 33.0  | 24.6  | 37.0   |





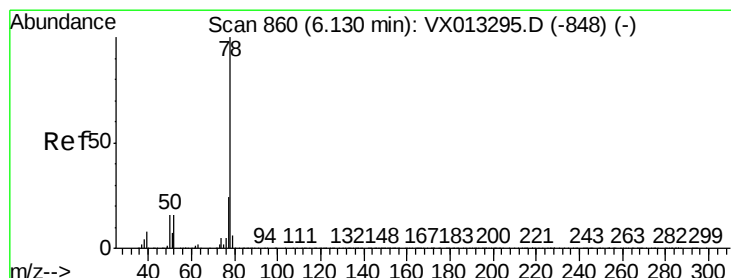
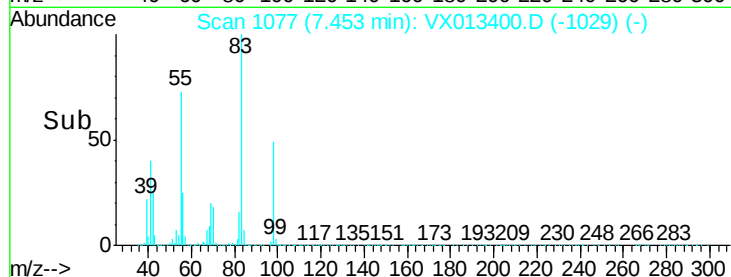
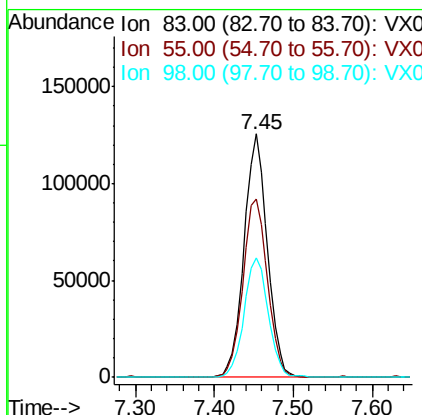
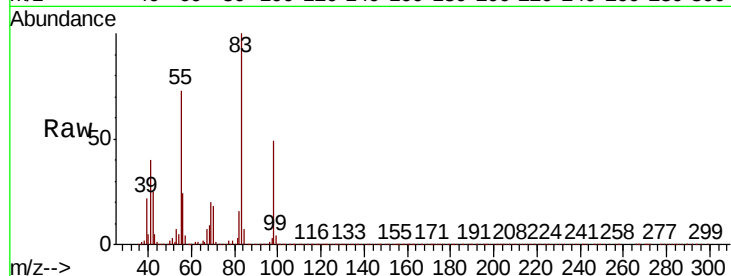
#39  
Methvlcvclohexane  
Concen: 22.206 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 73.2  | 60.3  | 90.5  |
| 98      | 48.8  | 40.3  | 60.5  |

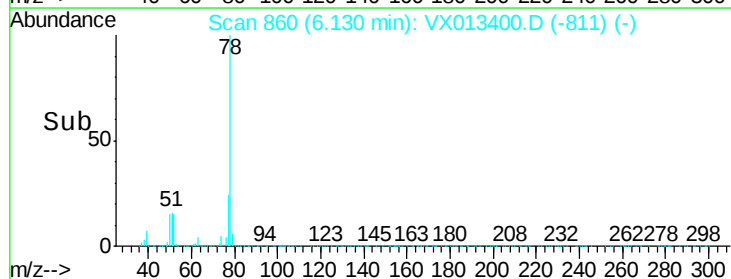
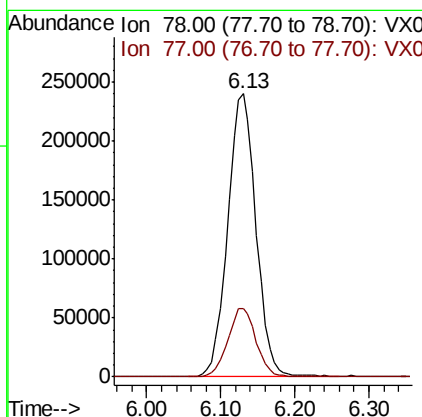
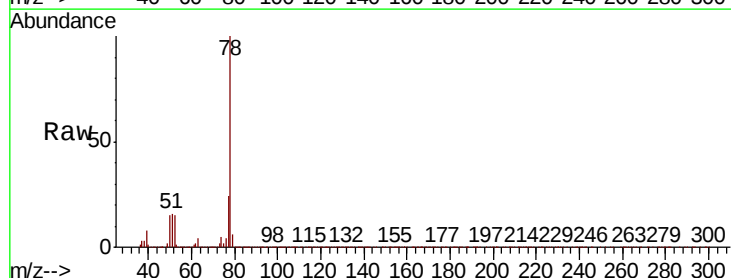
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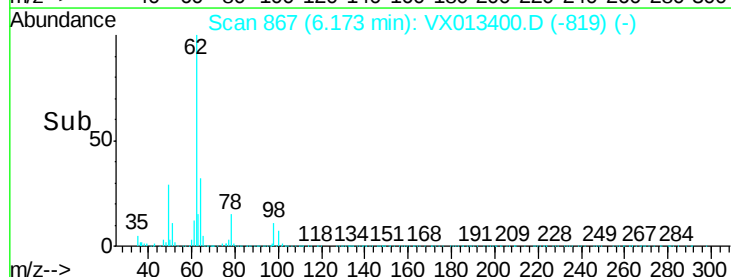
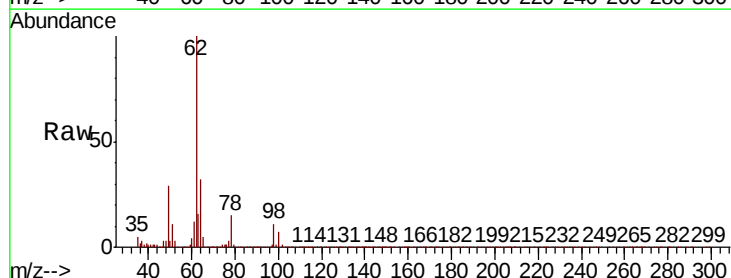
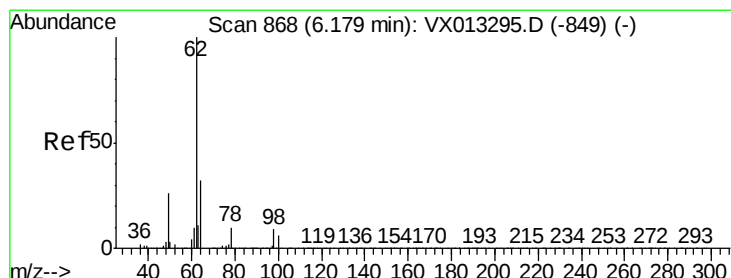
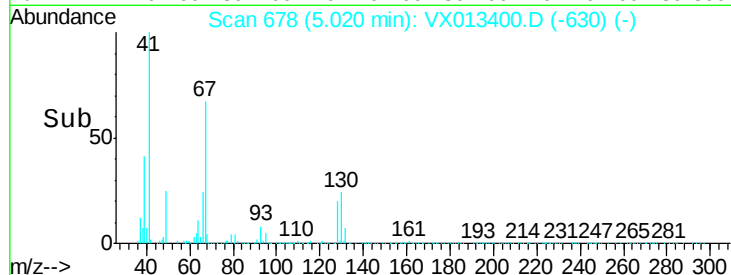
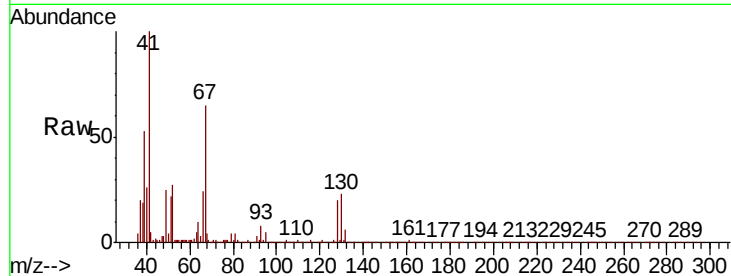
MMDadoda  
11/14/2019 9:37:07 AM



#40  
Benzene  
Concen: 21.999 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

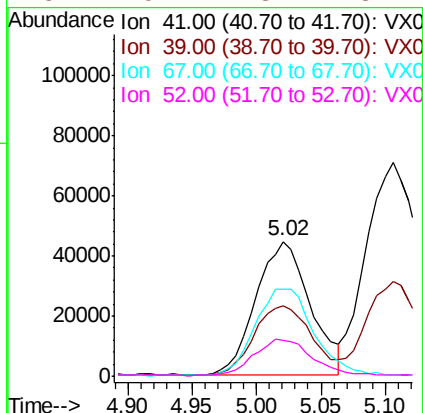
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.3  | 19.5  | 29.3  |





#41  
Methacrylonitrile  
Concen: 20.309 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 41      | 100  |       |      |       |       |
| 39      | 54.4 | 45.0  | 67.6 |       |       |
| 67      | 70.0 | 55.4  | 83.2 |       |       |
| 52      | 29.1 | 23.1  | 34.7 |       |       |



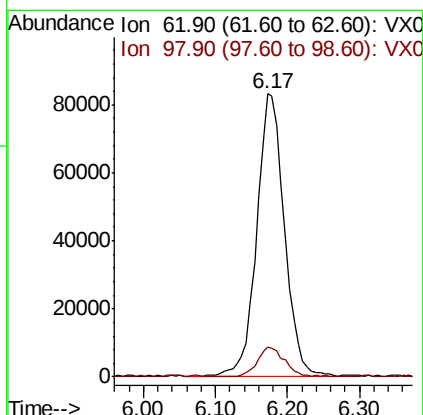
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

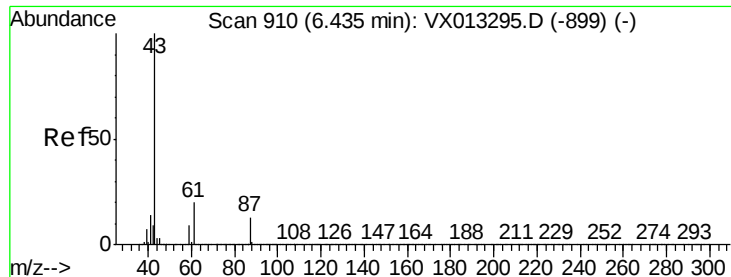
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#42  
1,2-Dichloroethane  
Concen: 21.368 ug/l  
RT: 6.17 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 62      | 100  |       |      |       |       |
| 98      | 10.6 | 0.0   | 19.4 |       |       |





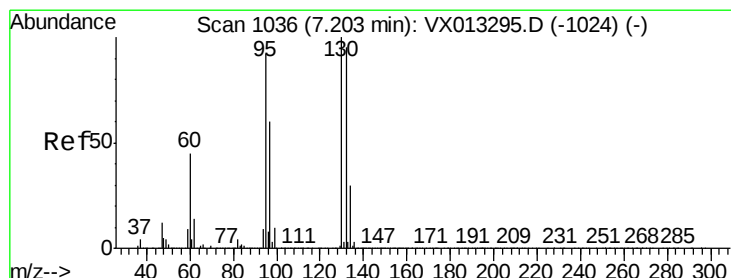
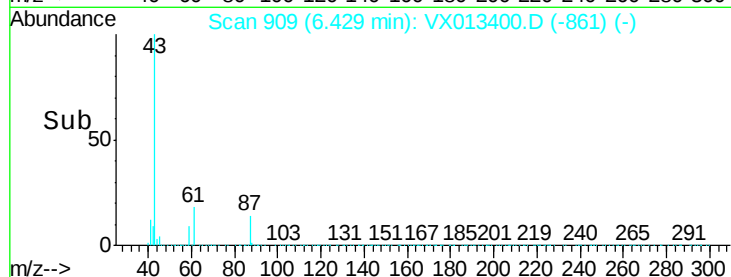
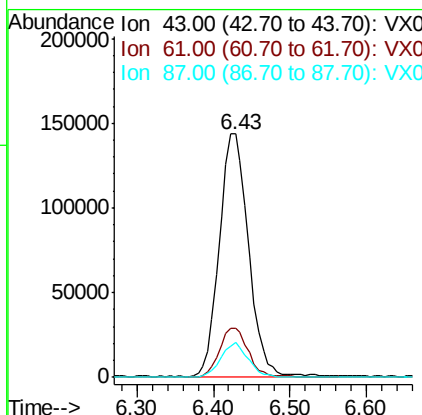
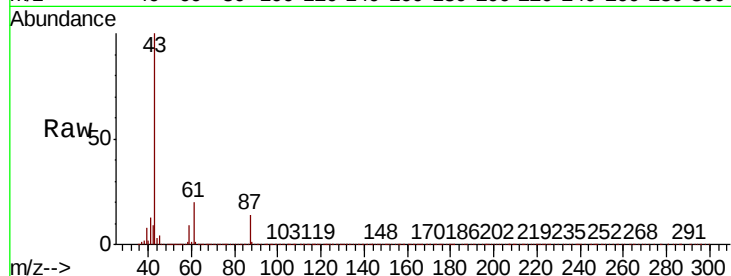
#43  
Isopropyl Acetate  
Concen: 21.276 ug/l  
RT: 6.43 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 43      | 43  | 100   | 378893 |       |       |
| 61      | 61  | 19.6  |        | 15.8  | 23.8  |
| 87      | 87  | 13.2  |        | 10.4  | 15.6  |

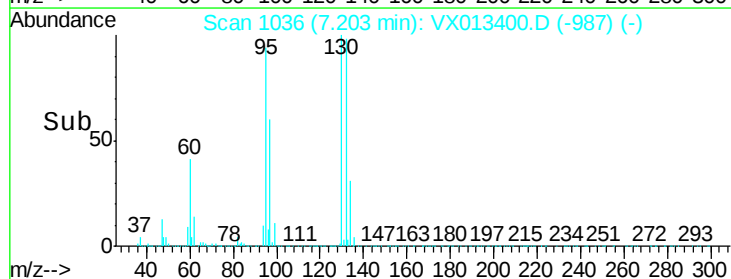
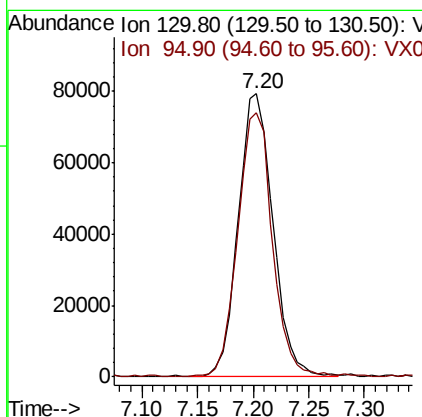
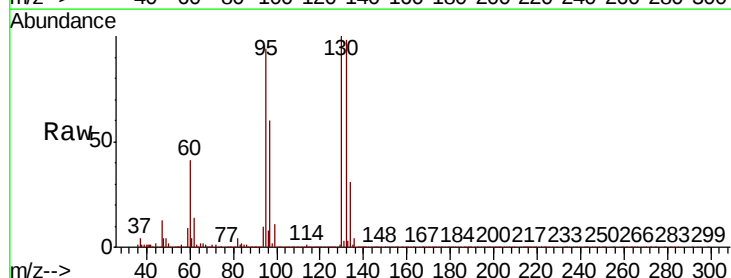
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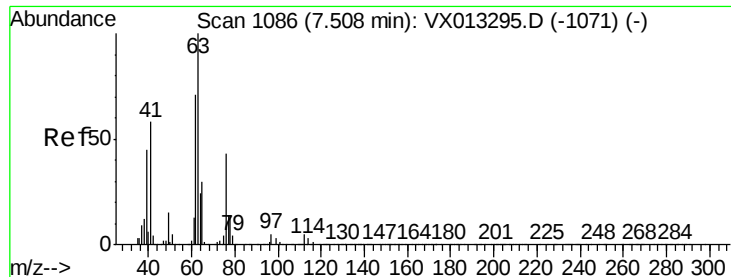
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#44  
Trichloroethene  
Concen: 21.639 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 130     | 130 | 100   | 171723 |       |       |
| 95      | 95  | 93.4  |        | 0.0   | 184.8 |





#45

1,2-Dichloropropane

Concen: 22.288 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 63 Resp: 163719

Ion Ratio Lower Upper

63 100

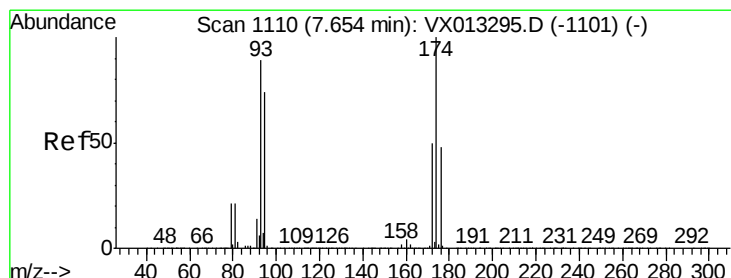
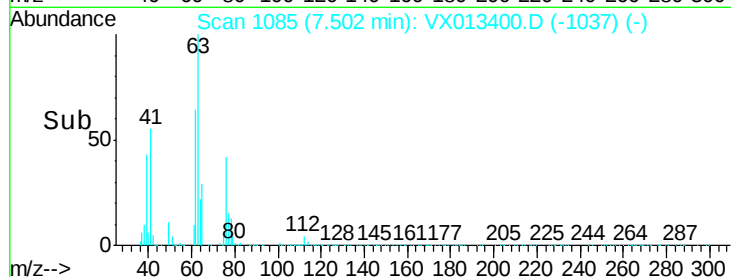
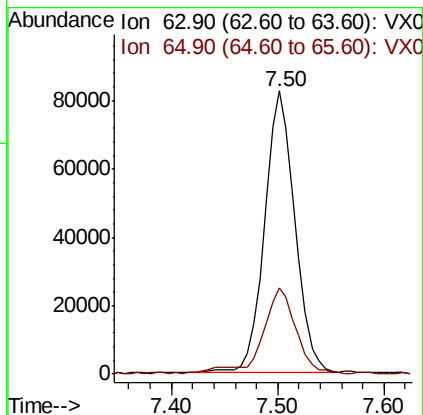
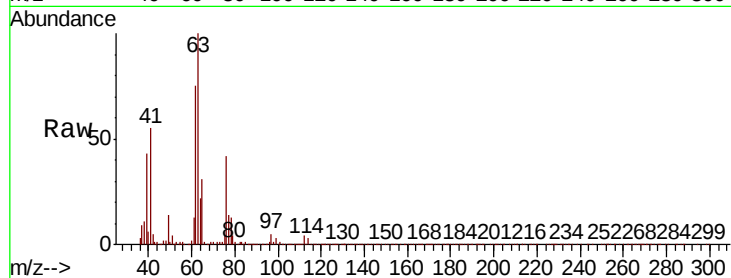
65 30.0 24.3 36.5

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#46

Dibromomethane

Concen: 21.278 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

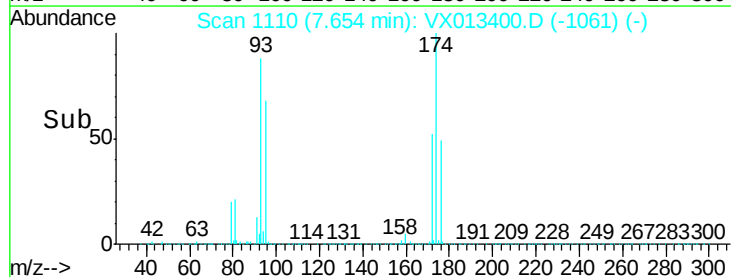
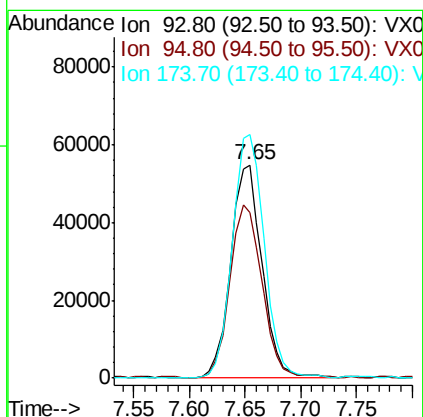
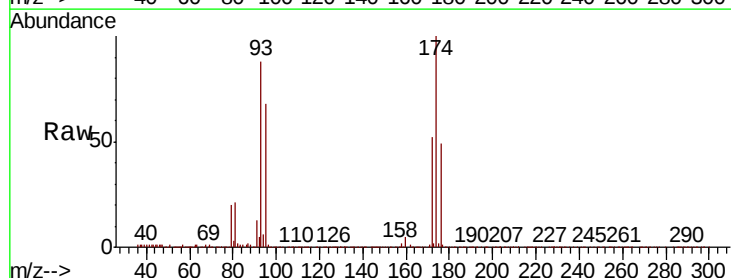
Tgt Ion: 93 Resp: 106722

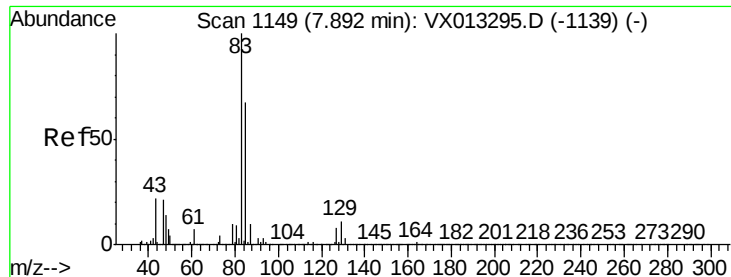
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 117.0 90.4 135.6





#47

Bromodichloromethane

Concen: 22.083 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

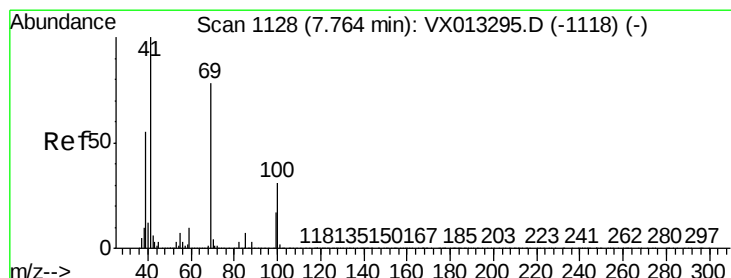
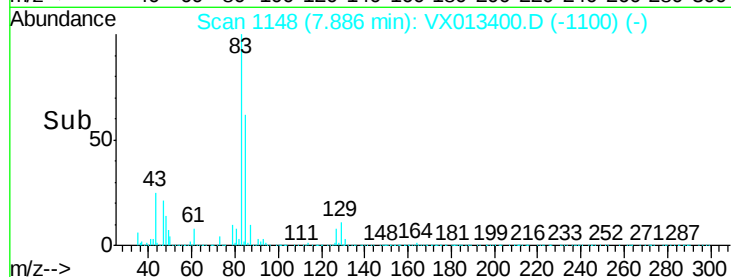
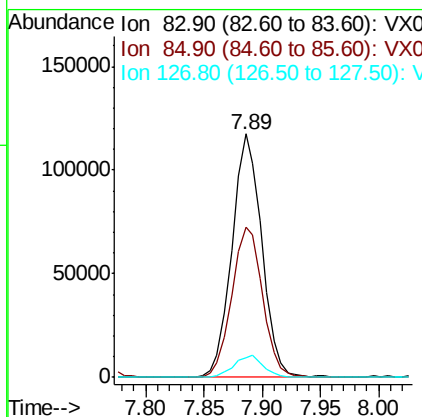
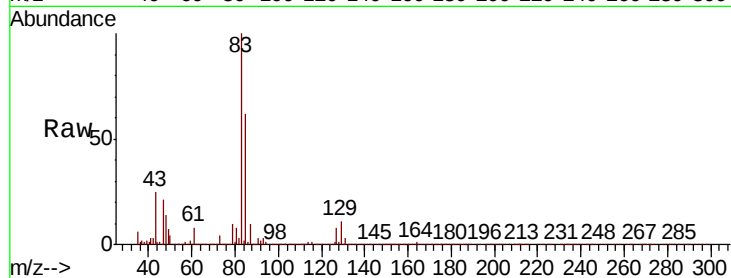
ClientSampleId :

VX1113WBS01

| Tot Ion   | 83    | Resp  | 208852 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 61.5  | 53.7  | 80.5   |
| 127       | 7.9   | 6.4   | 9.6    |

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#48

Methyl methacrylate

Concen: 20.676 ug/l

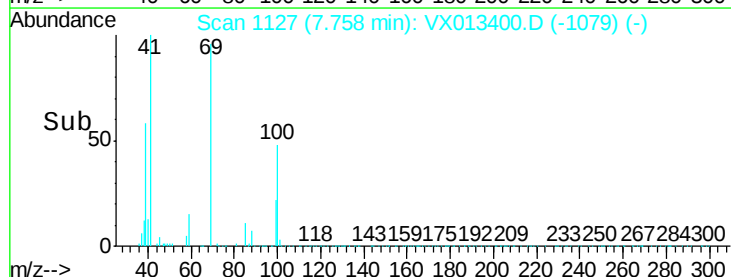
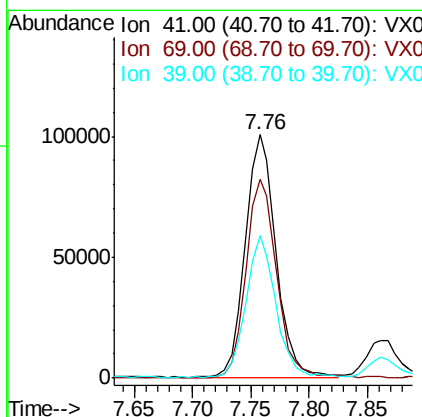
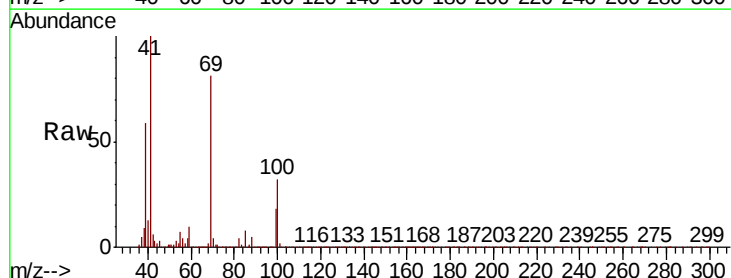
RT: 7.76 min Scan# 1127

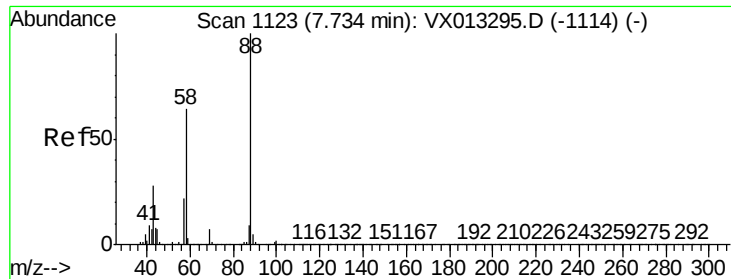
Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

| Tgt Ion   | 41    | Resp  | 183805 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.1  | 63.0  | 94.6   |
| 39        | 57.1  | 45.9  | 68.9   |





#49

1,4-Dioxane

Concen: 399.680 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

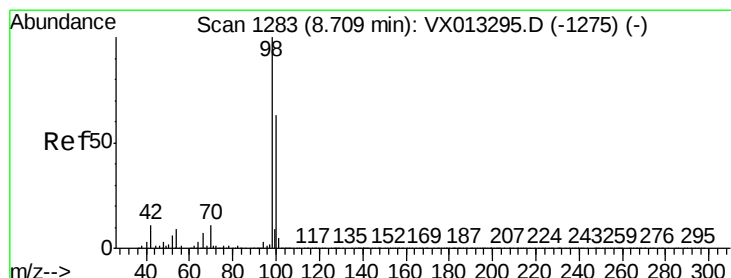
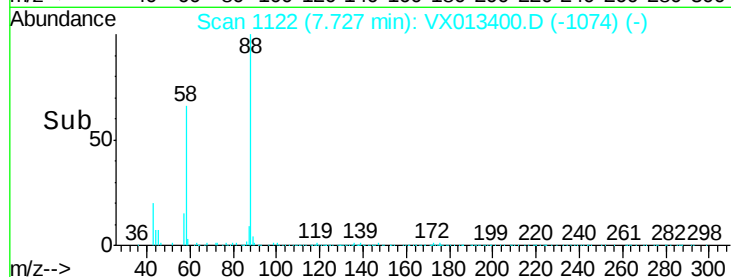
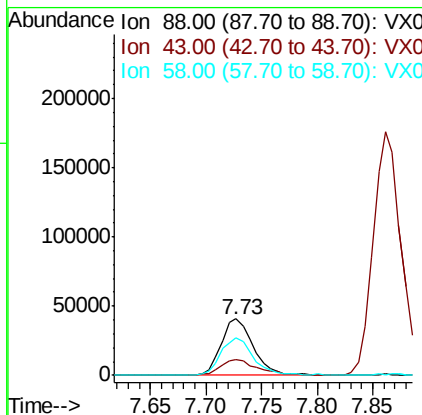
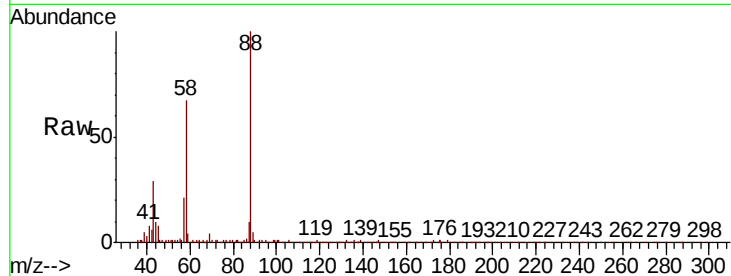
ClientSampleId :

VX1113WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 81368 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 34.5  | 26.6  | 39.8  |
| 58        | 69.5  | 55.0  | 82.6  |

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#50

Toluene-d8

Concen: 52.191 ug/l

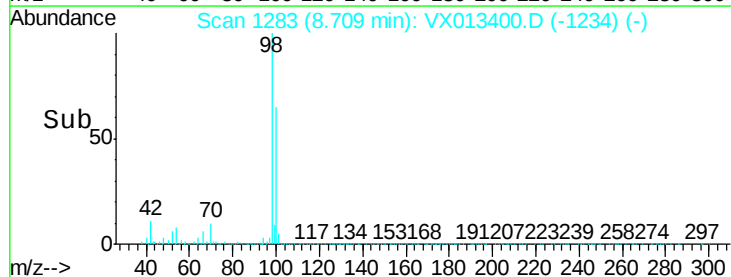
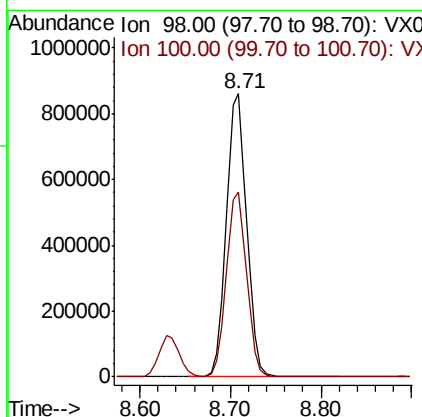
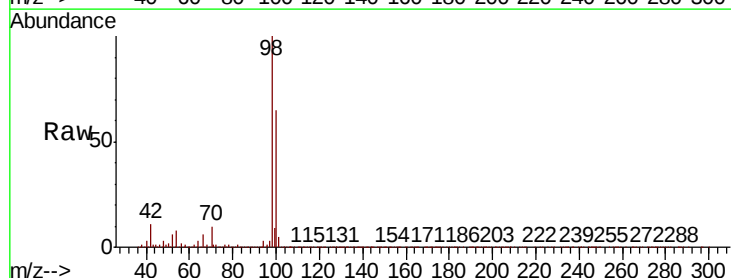
RT: 8.71 min Scan# 1283

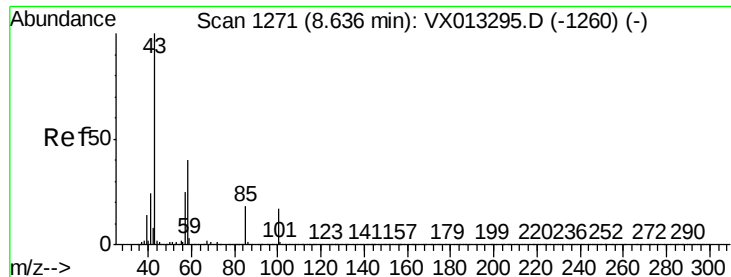
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 98    | Resp: | 1331401 |
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 65.4  | 52.2  | 78.2    |





#51

4-Methyl-2-Pentanone

Concen: 101.169 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 43 Resp: 1182061

Ion Ratio Lower Upper

43 100

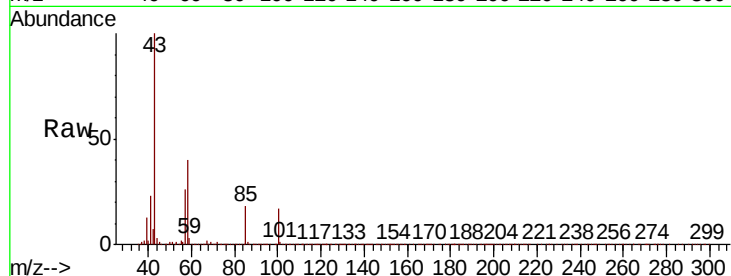
58 39.7 31.4 47.0

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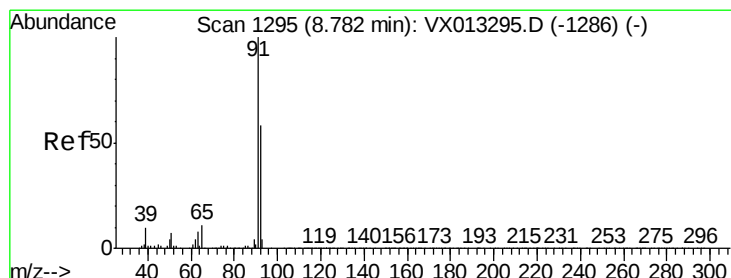
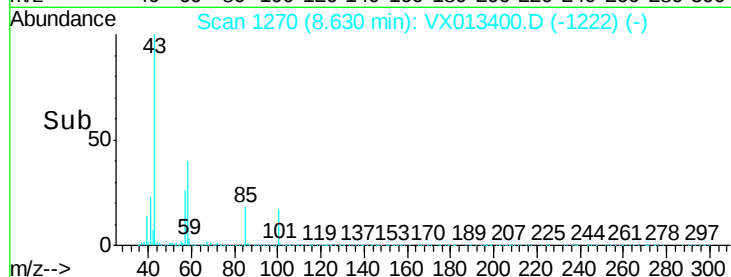
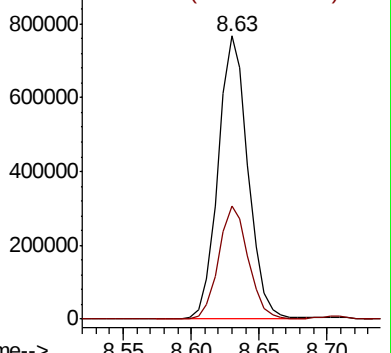
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.294 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013400.D

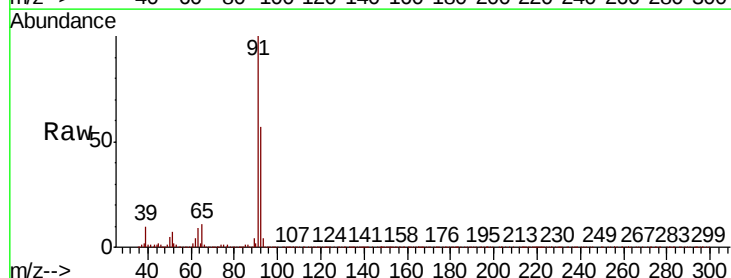
Acq: 13 Nov 2019 11:56

Tgt Ion: 92 Resp: 398362

Ion Ratio Lower Upper

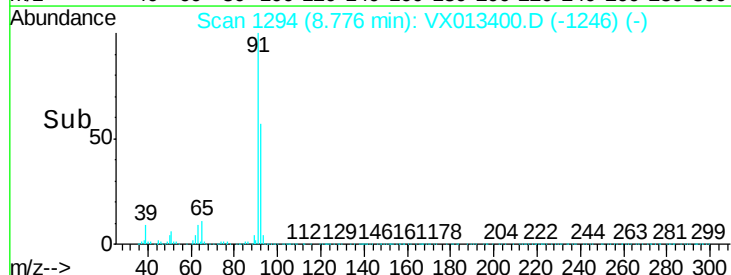
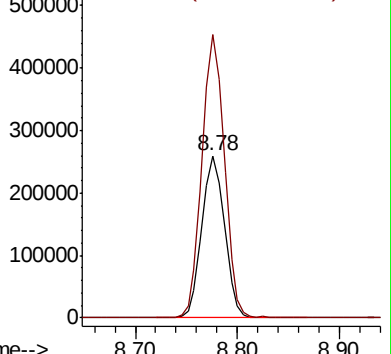
92 100

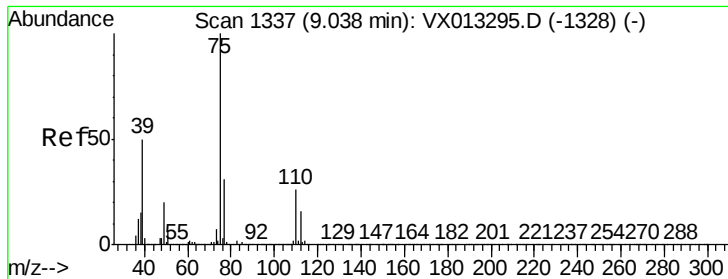
91 172.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





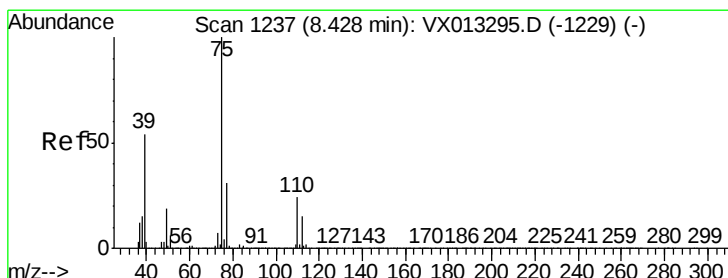
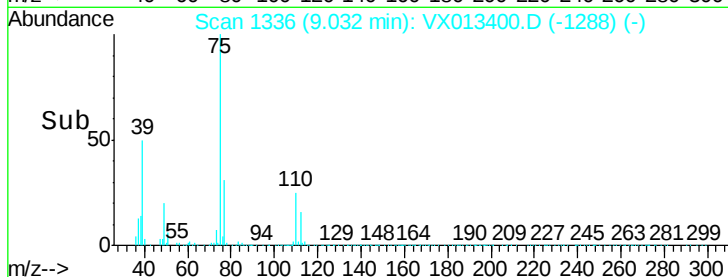
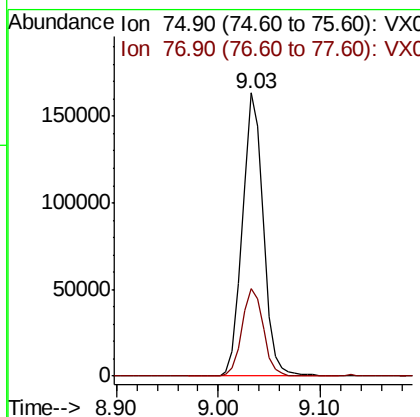
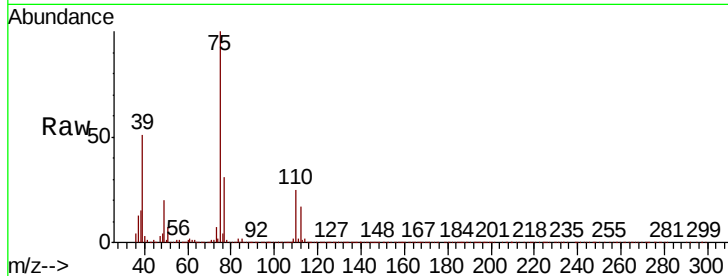
#53  
t-1,3-Dichloropropene  
Concen: 22.242 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 25.0  | 37.4  |

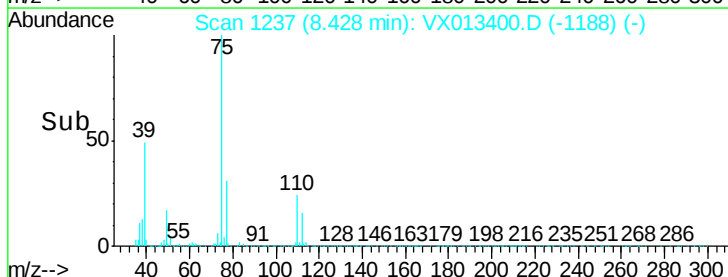
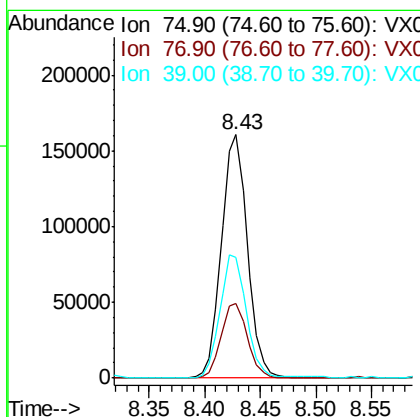
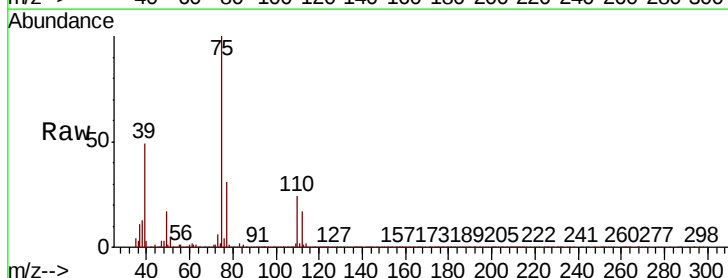
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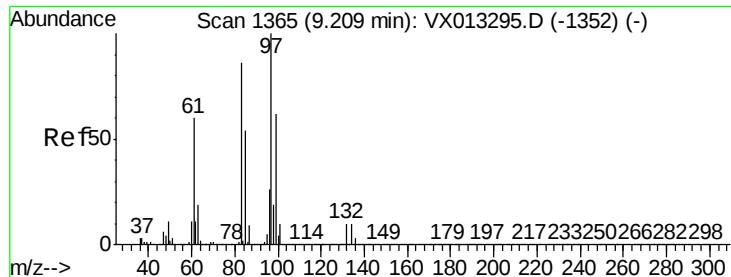
MMDadoda  
11/14/2019 9:37:07 AM



#54  
cis-1,3-Dichloropropene  
Concen: 22.589 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.4  | 24.7  | 37.1  |
| 39      | 49.1  | 43.0  | 64.6  |





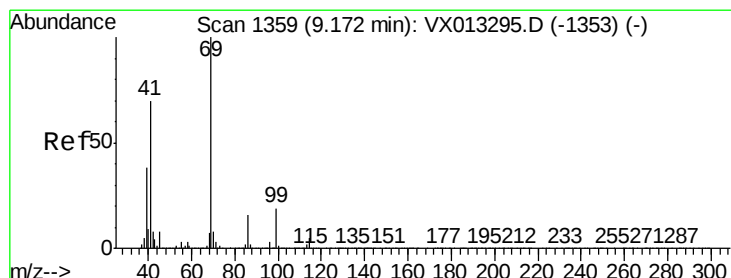
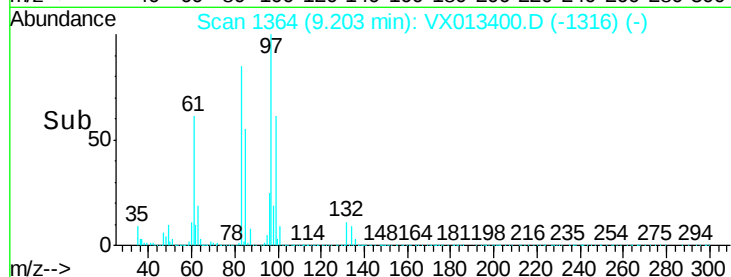
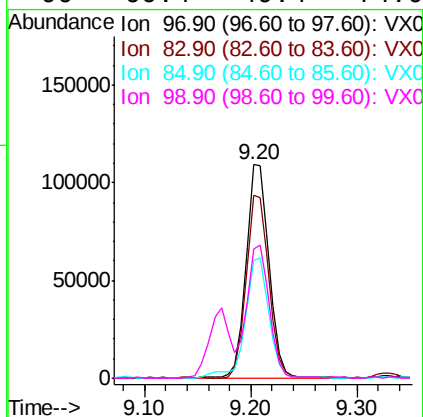
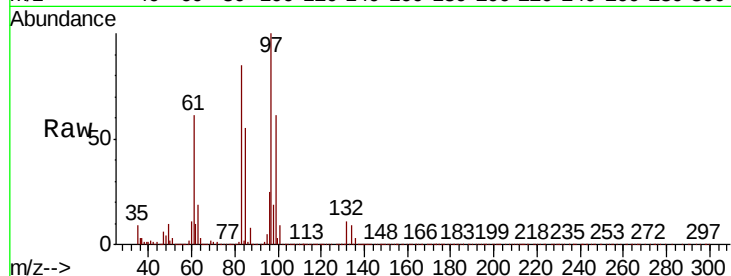
#55  
 1,1,2-Trichloroethane  
 Concen: 22.318 ug/l  
 RT: 9.20 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 165294 |       |       |
| 83      | 85.3 | 68.6  | 103.0  |       |       |
| 85      | 54.8 | 43.1  | 64.7   |       |       |
| 99      | 60.4 | 49.4  | 74.0   |       |       |

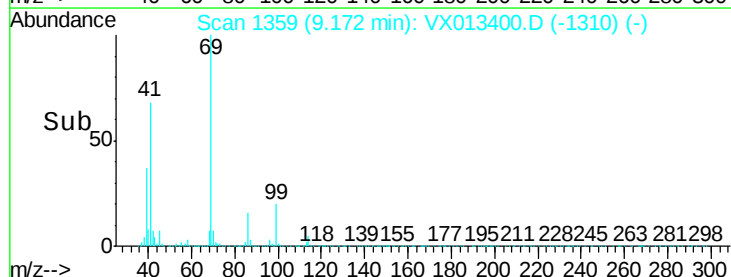
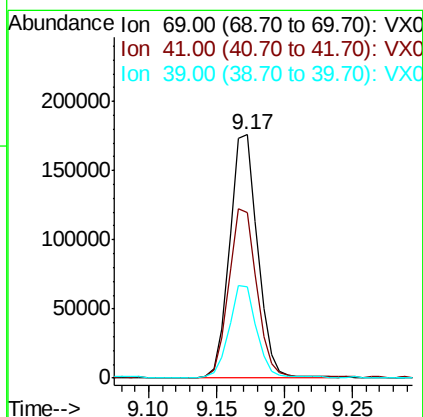
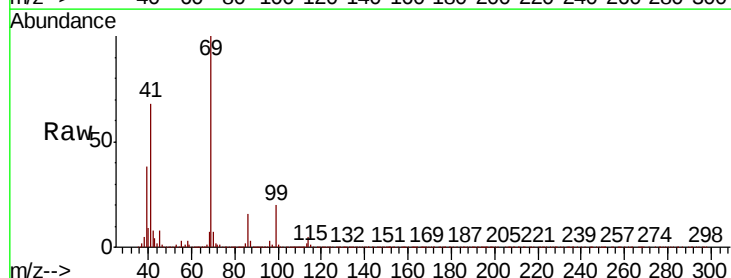
Manual Integrations  
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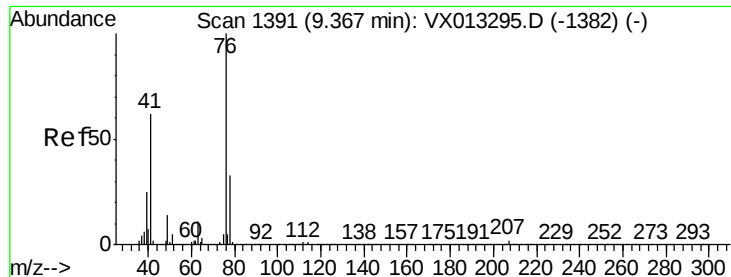
MMDadoda  
 11/14/2019 9:37:07 AM



#56  
 Ethyl methacrylate  
 Concen: 20.811 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 251233 |       |       |
| 41      | 69.4 | 56.2  | 84.2   |       |       |
| 39      | 37.1 | 31.1  | 46.7   |       |       |





#57

1,3-Dichloropropane

Concen: 21.810 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 76 Resp: 274204

Ion Ratio Lower Upper

76 100

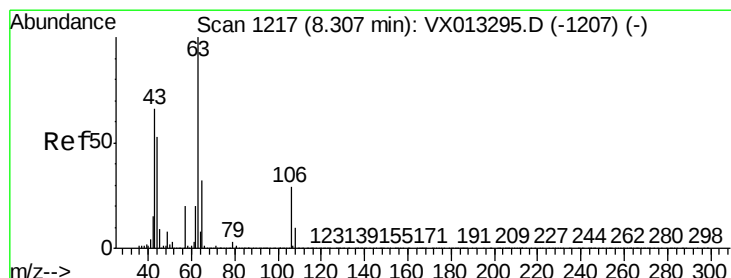
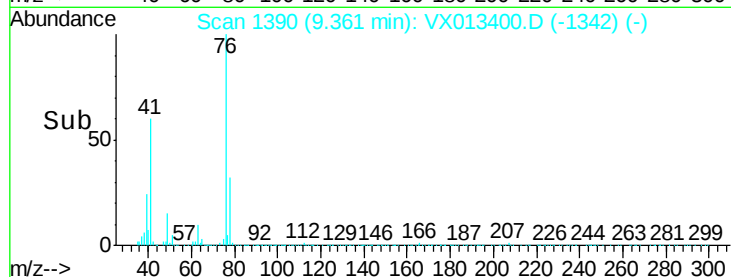
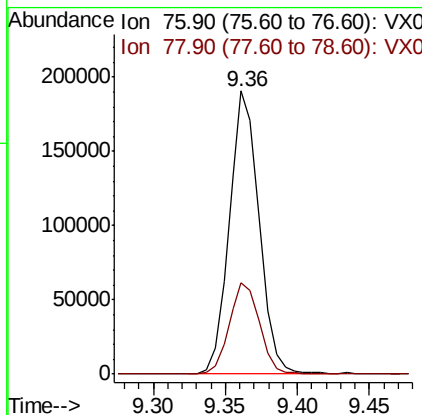
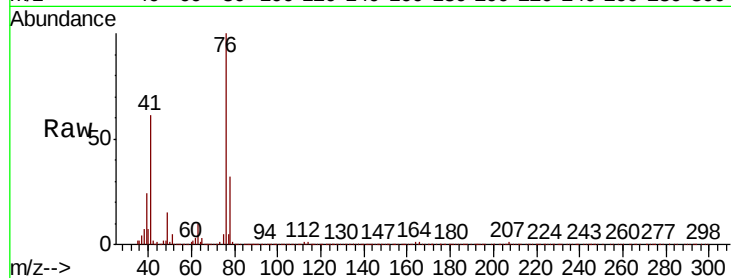
78 32.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 85.911 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013400.D

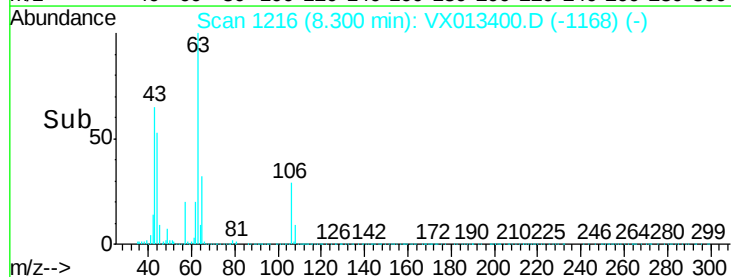
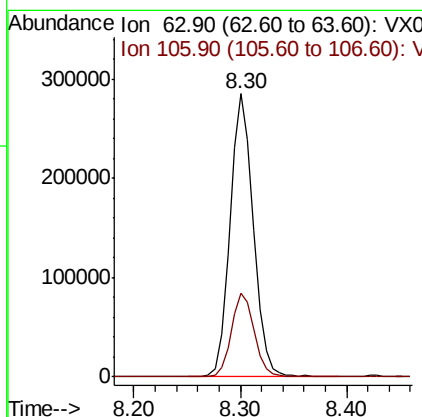
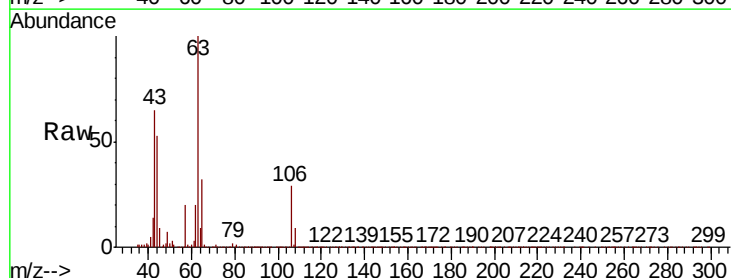
Acq: 13 Nov 2019 11:56

Tgt Ion: 63 Resp: 435061

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





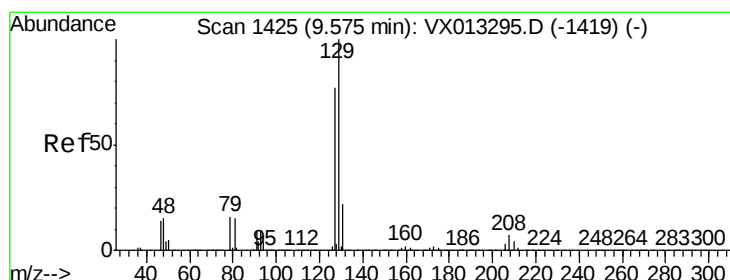
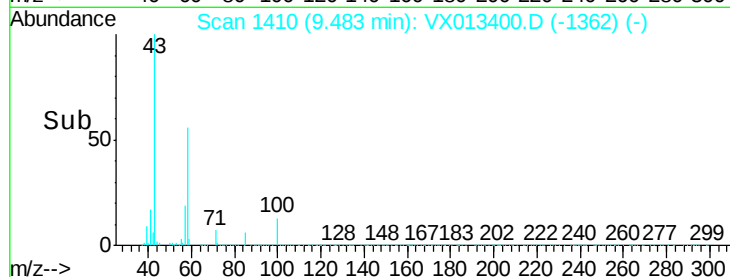
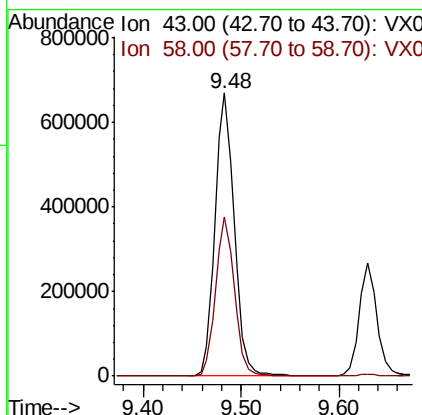
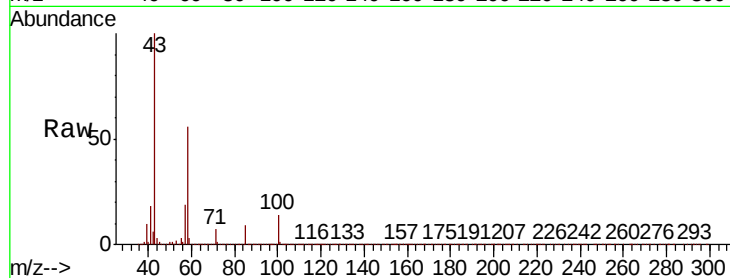
#59  
2-Hexanone  
Concen: 101.224 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

Tot Ion: 43 Resp: 913964  
Ion Ratio Lower Upper  
43 100  
58 55.4 27.3 81.8

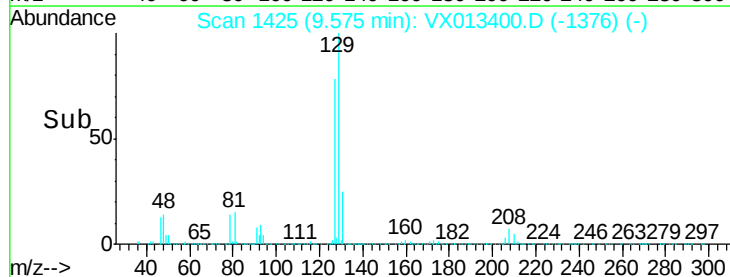
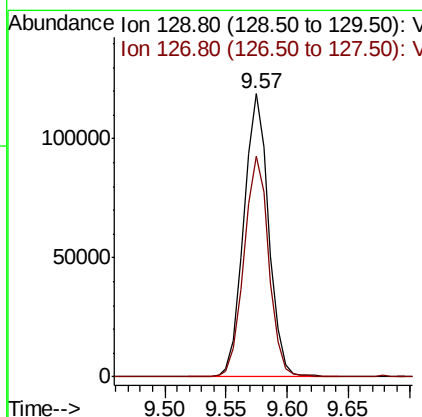
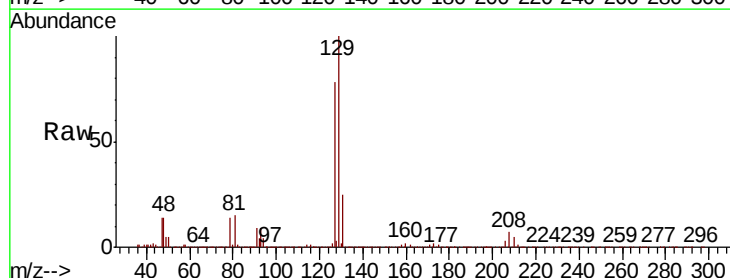
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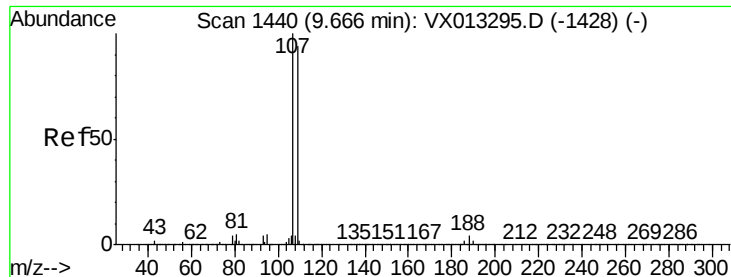
MMDadoda  
11/14/2019 9:37:07 AM



#60  
Dibromochloromethane  
Concen: 22.071 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Tgt Ion: 129 Resp: 167183  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.699 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 107 Resp: 170657

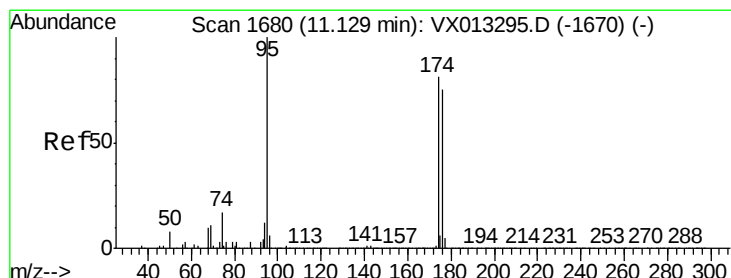
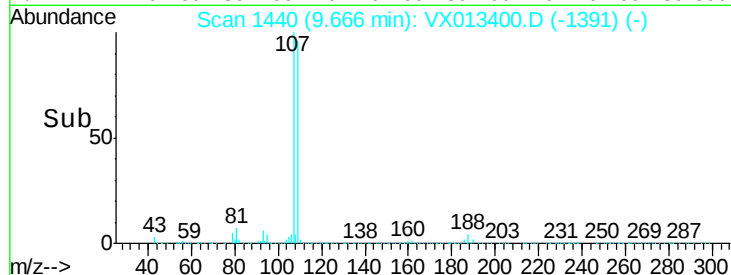
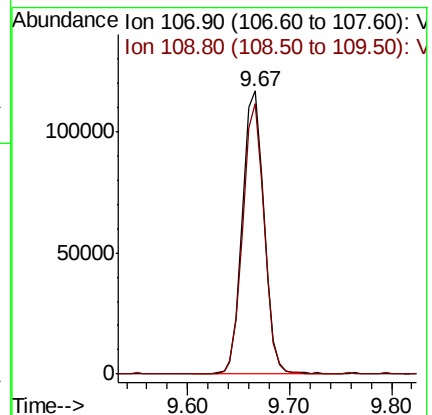
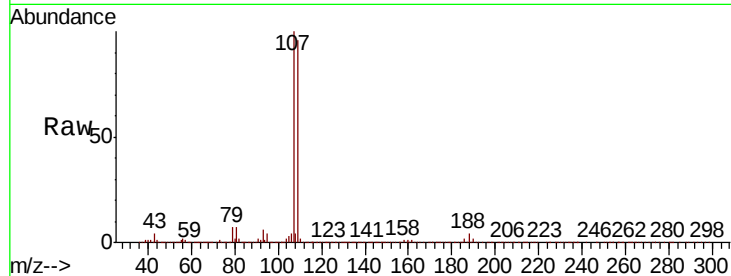
Ion Ratio Lower Upper

107 100

109 93.8 75.1 112.7

Manual Integrations  
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11/14/2019 9:37:07 AM



#62

4-Bromofluorobenzene

Concen: 51.046 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

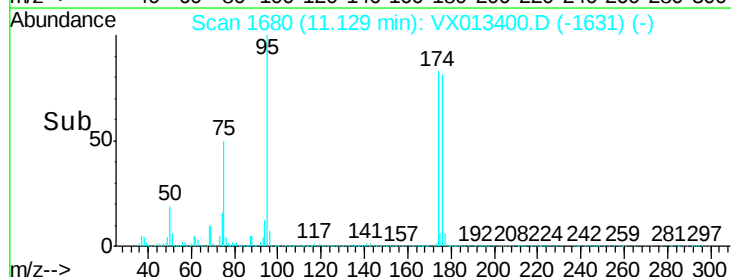
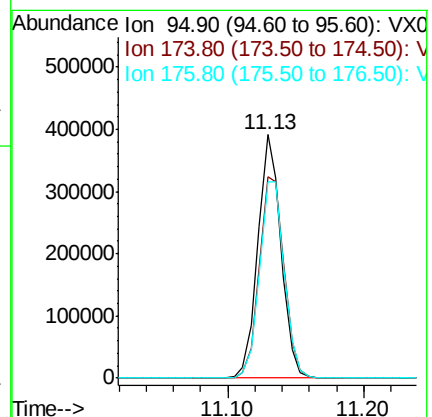
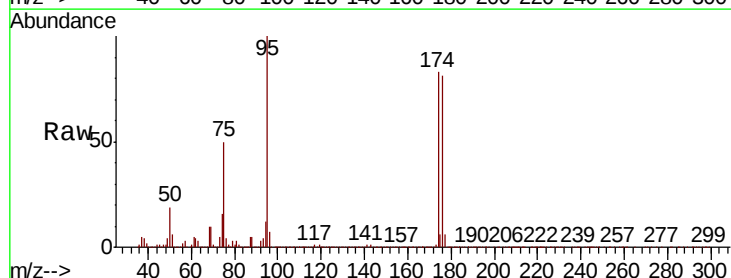
Tgt Ion: 95 Resp: 469963

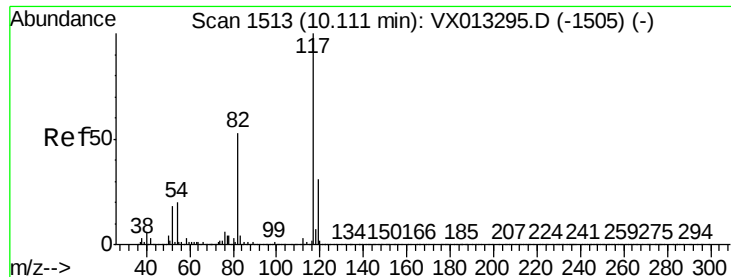
Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.8

176 86.7 0.0 173.0





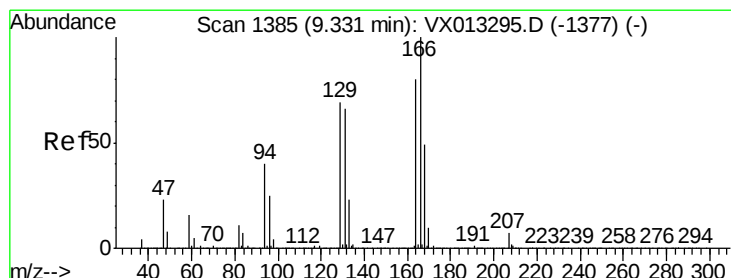
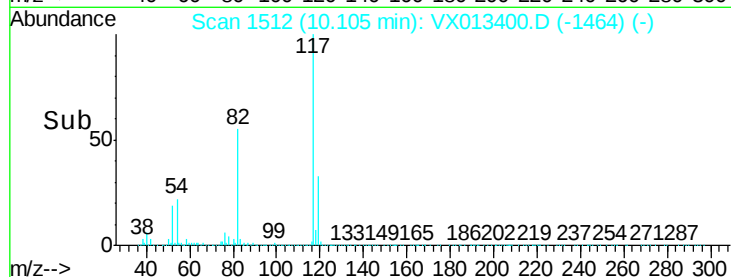
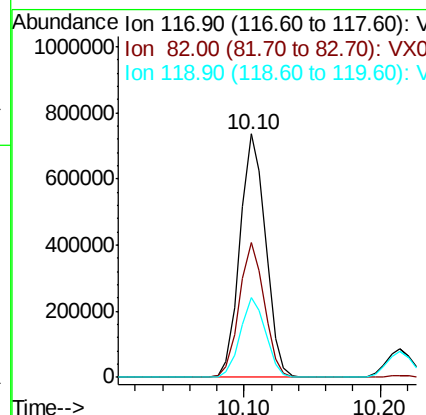
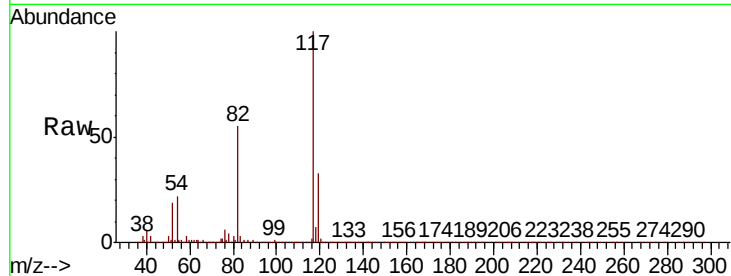
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.3  | 42.6  | 64.0  |
| 119     | 32.6  | 24.8  | 37.2  |

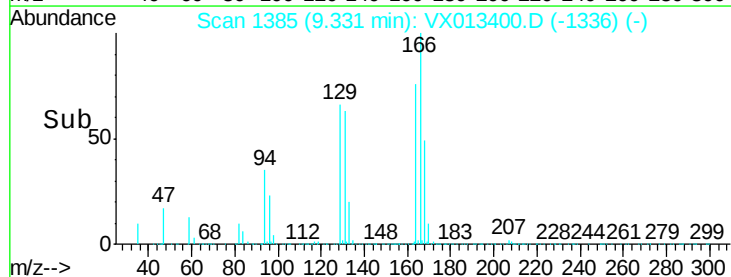
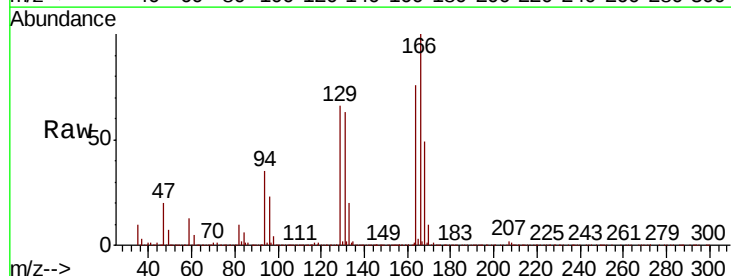
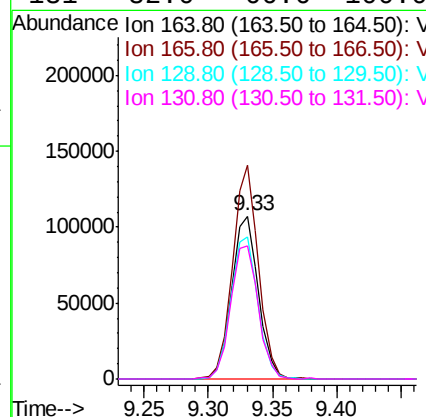
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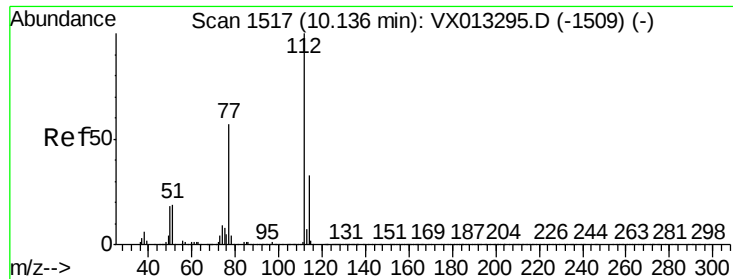
MMDadoda  
11/14/2019 9:37:07 AM



#64  
Tetrachloroethene  
Concen: 22.439 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.1 | 100.4 | 150.6 |
| 129     | 86.7  | 69.4  | 104.2 |
| 131     | 82.0  | 66.6  | 100.0 |





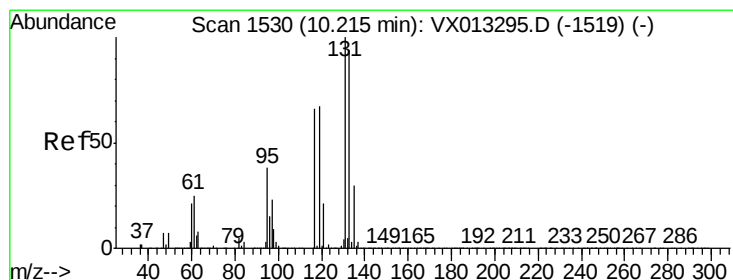
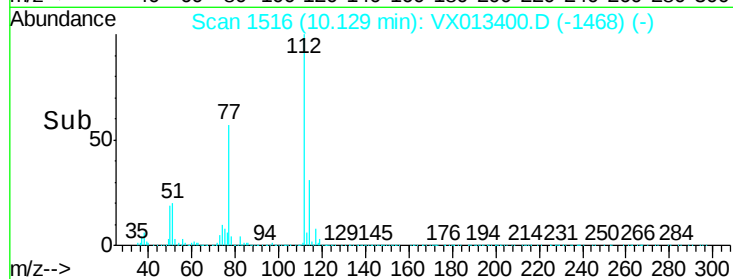
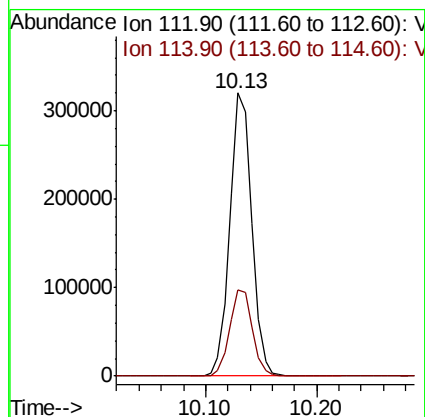
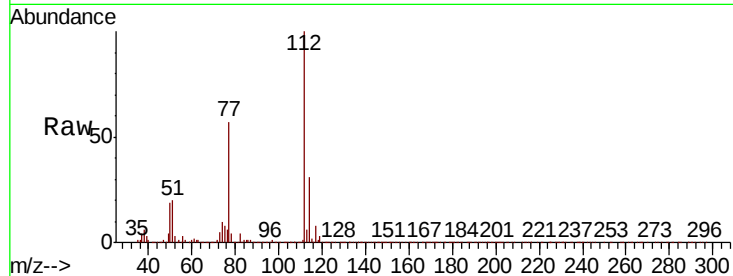
#65  
Chlorobenzene  
Concen: 22.286 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 30.6  | 26.4  | 39.6  |

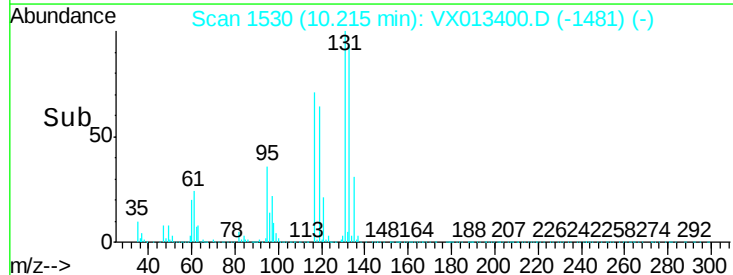
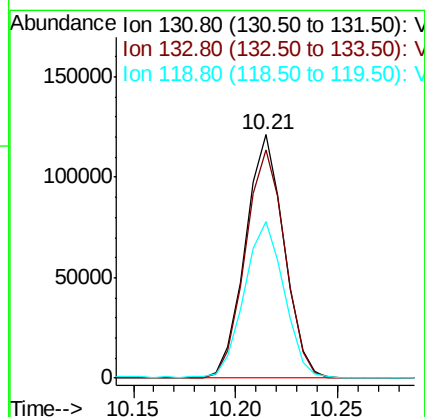
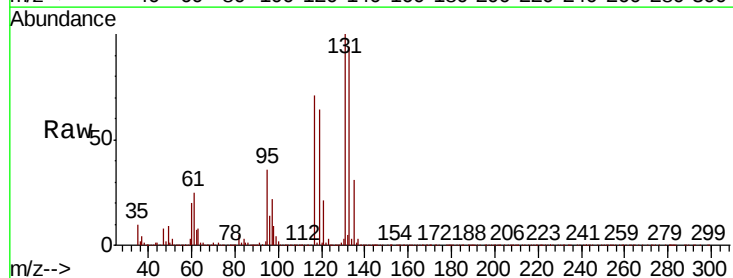
Manual Integrations  
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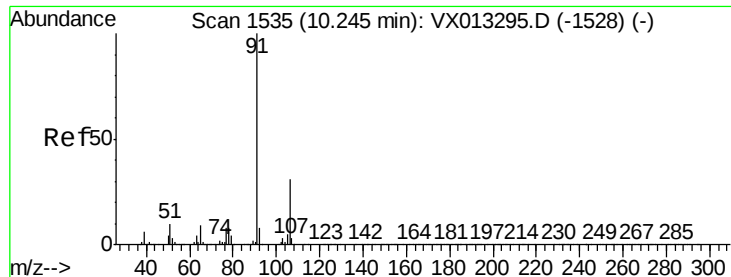
MMDadoda  
11/14/2019 9:37:07 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.102 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.7  | 48.0  | 144.0 |
| 119     | 66.6  | 33.0  | 99.0  |





#67

Ethyl Benzene

Concen: 22.449 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 91 Resp: 759467

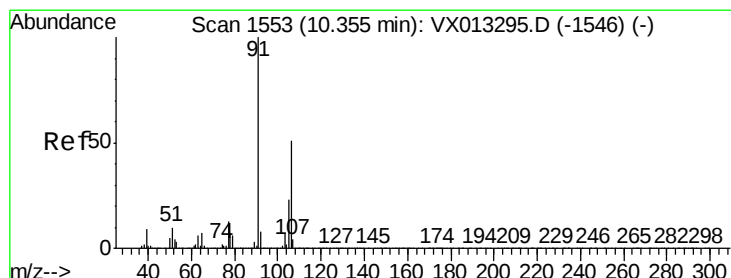
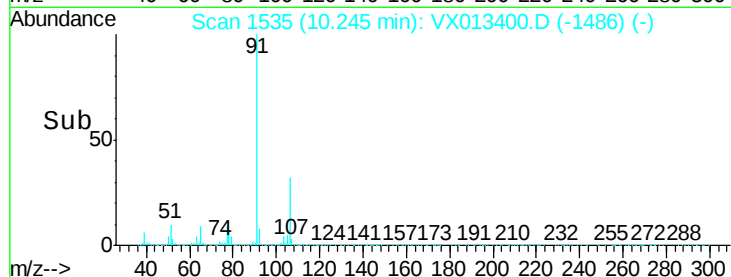
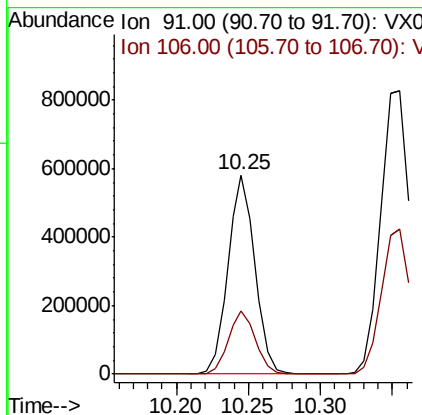
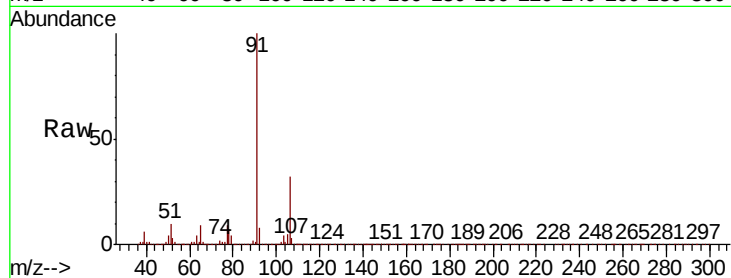
Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8

Manual Integrations  
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MMDadoda  
11/14/2019 9:37:07 AM



#68

m/p-Xylenes

Concen: 45.656 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013400.D

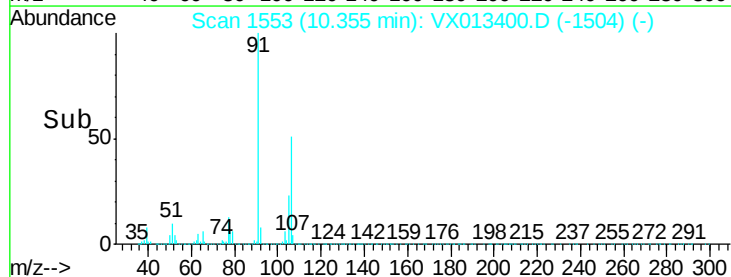
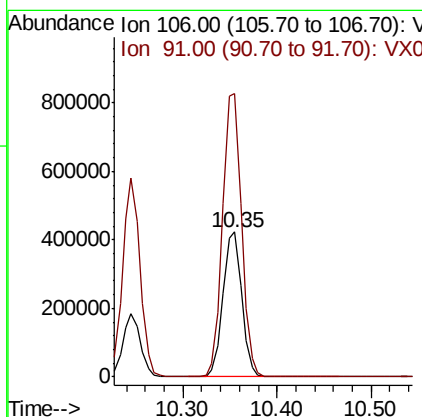
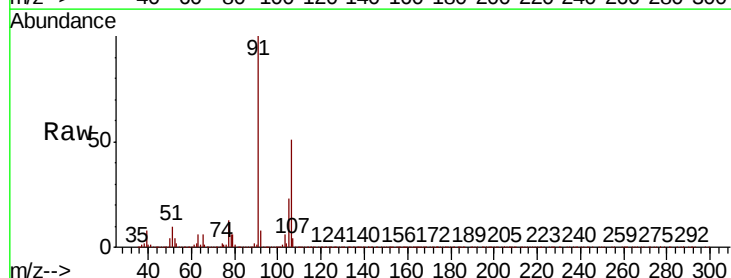
Acq: 13 Nov 2019 11:56

Tgt Ion: 106 Resp: 584138

Ion Ratio Lower Upper

106 100

91 198.4 159.3 238.9





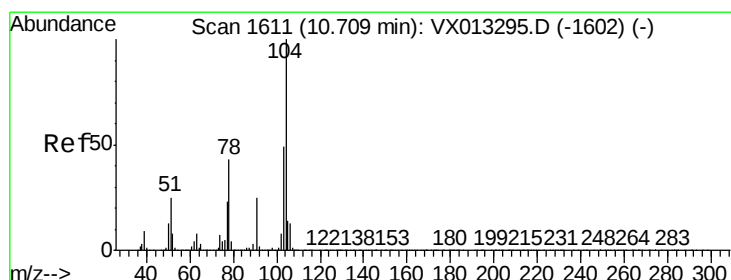
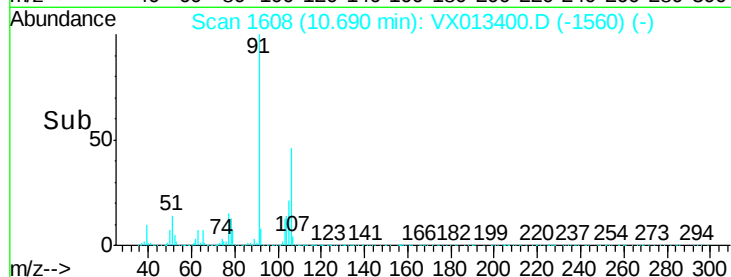
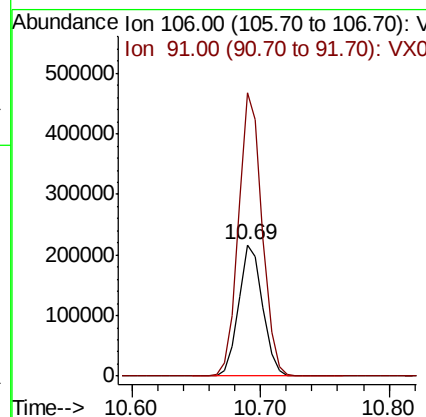
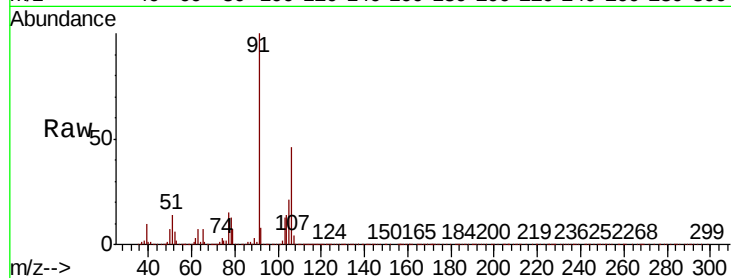
#69  
o-Xylene  
Concen: 22.377 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 212.5 | 105.7 | 317.0 |

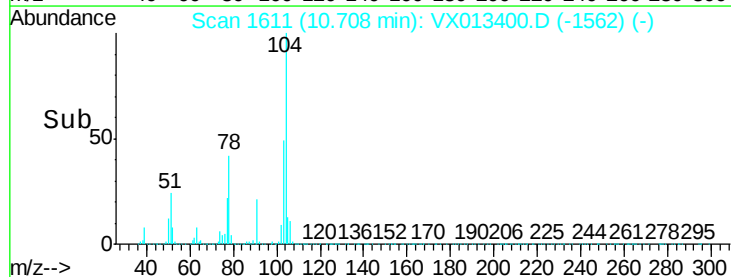
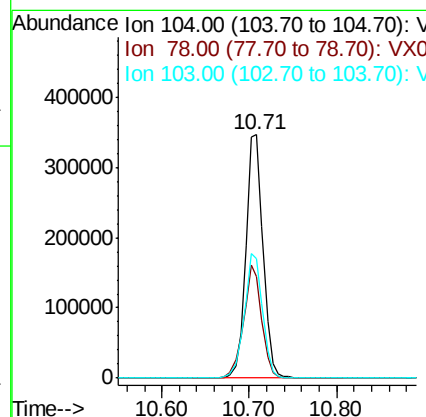
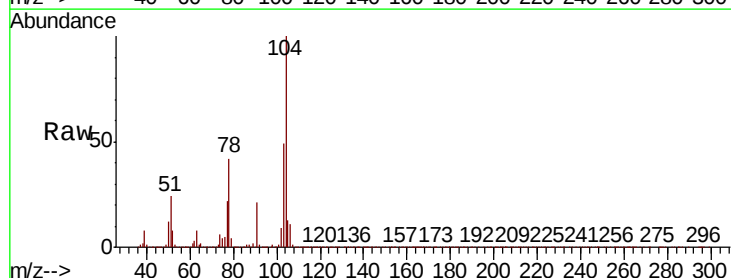
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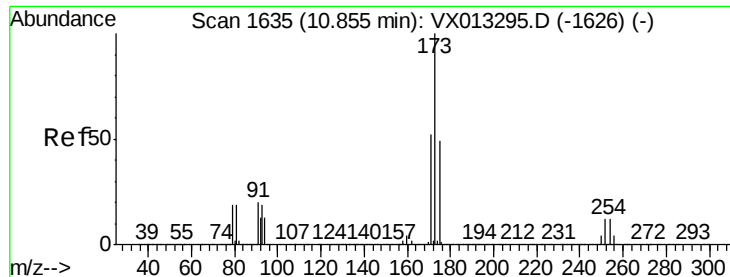
MMDadoda  
11/14/2019 9:37:07 AM



#70  
Styrene  
Concen: 22.623 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.7  | 40.0  | 60.0  |
| 103     | 54.4  | 44.1  | 66.1  |





#71

Bromoform

Concen: 21.088 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion:173 Resp: 127524

Ion Ratio Lower Upper

173 100

175 49.5 24.8 74.4

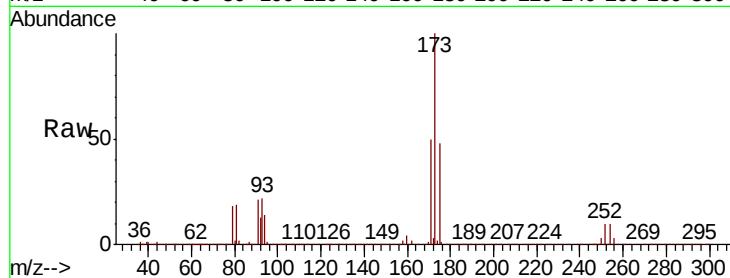
254 0.1 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

120000

100000

80000

60000

40000

20000

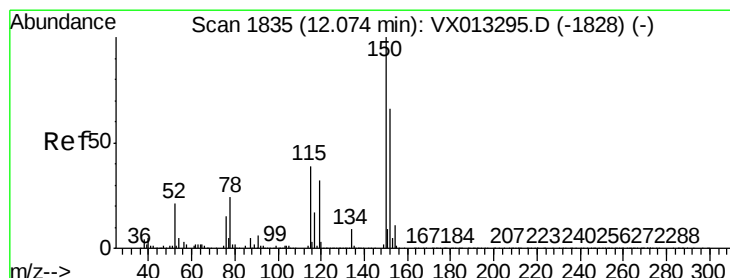
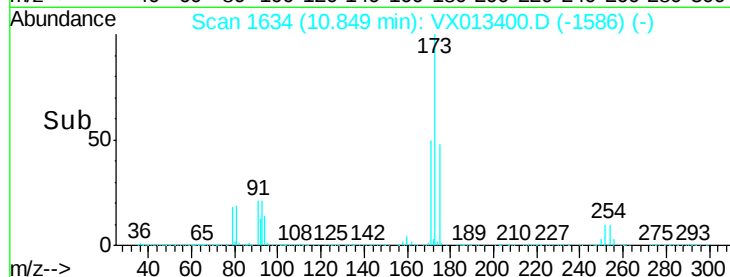
0

10.85

10.80

10.90

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

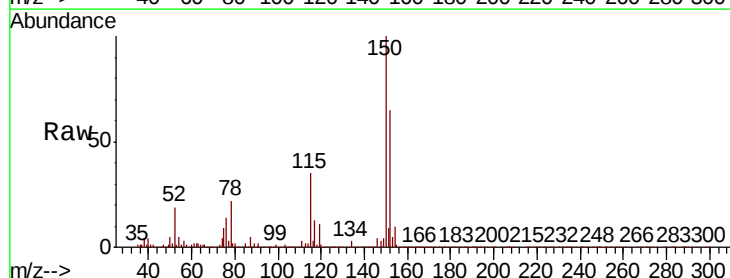
Tgt Ion:152 Resp: 492071

Ion Ratio Lower Upper

152 100

115 64.6 39.5 118.3

150 161.2 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

800000

600000

400000

200000

0

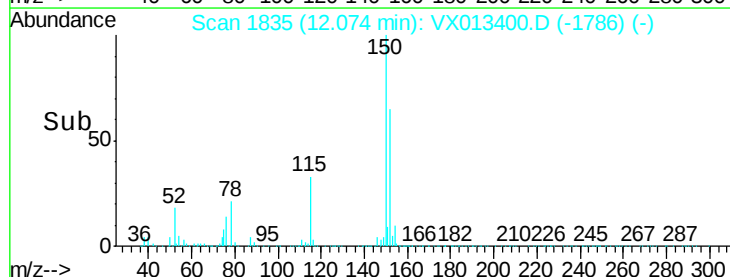
12.07

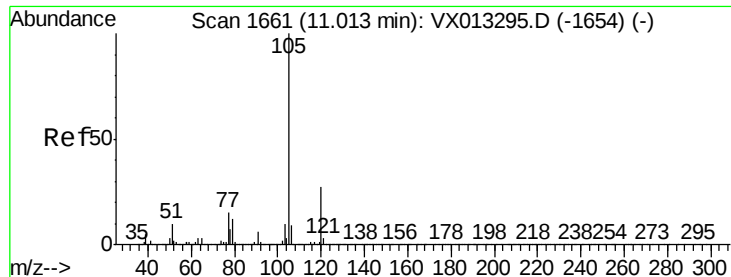
12.00

12.05

12.10

Time-->





#73

Isopropylbenzene

Concen: 23.345 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion: 105 Resp: 761622

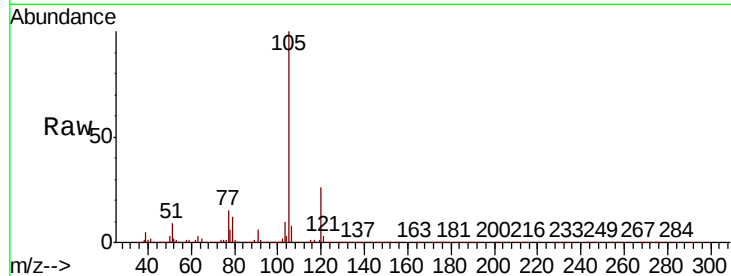
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

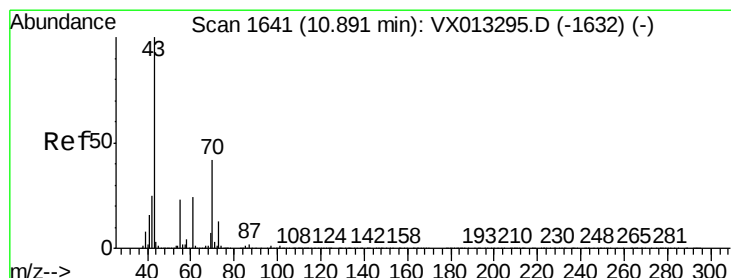
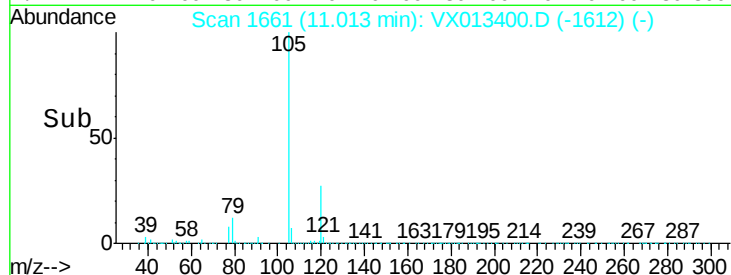
400000

200000

0

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 21.898 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Tgt Ion: 43 Resp: 331293

Ion Ratio Lower Upper

43 100

70 42.7 34.1 51.1

55 24.1 18.9 28.3

61 24.8 19.2 28.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

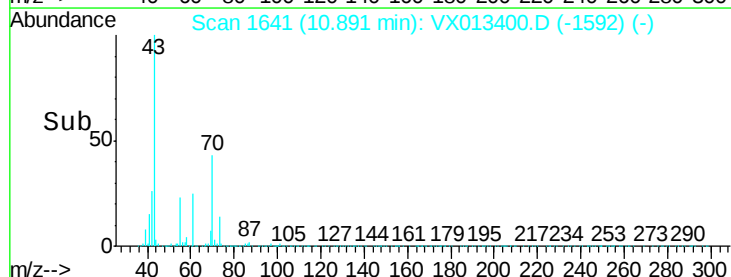
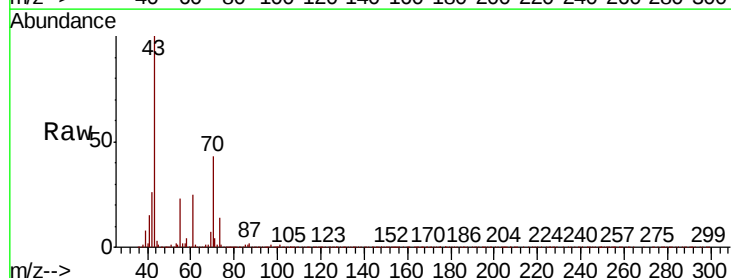
200000

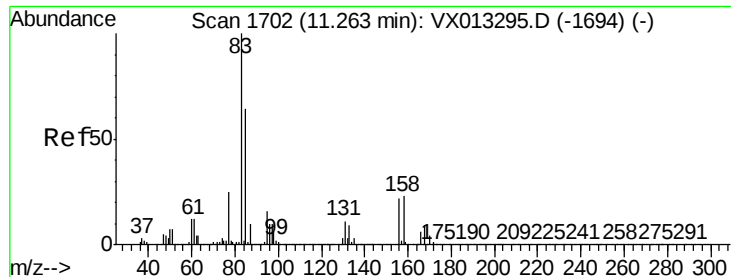
100000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.213 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

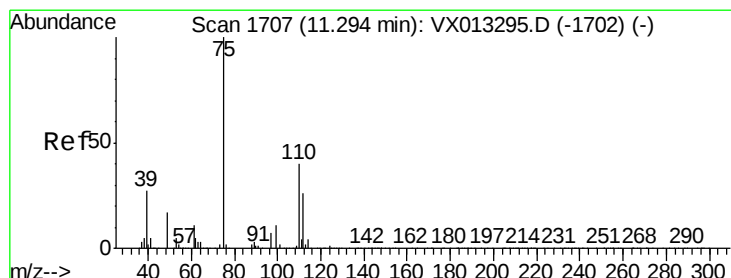
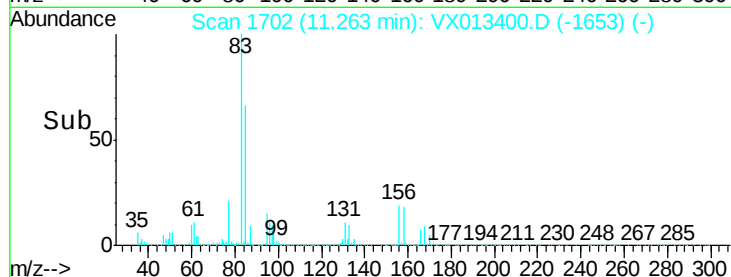
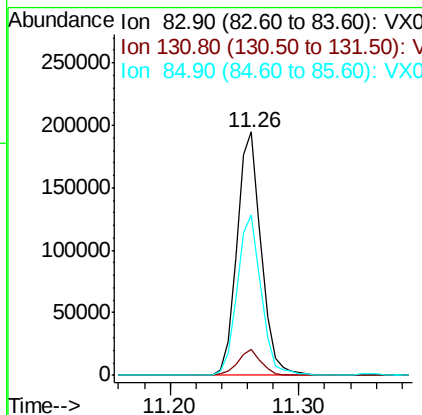
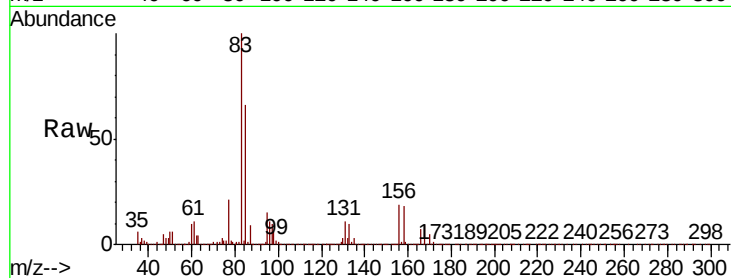
ClientSampleId :

VX1113WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 252480 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.1   | 15.3   |
| 85        | 65.5  | 32.3  | 96.8   |

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#76

1,2,3-Trichloropropane

Concen: 20.513 ug/l m

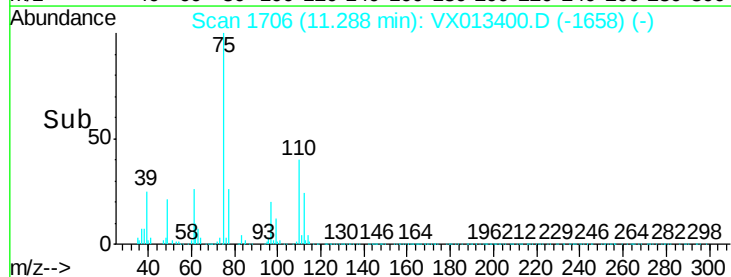
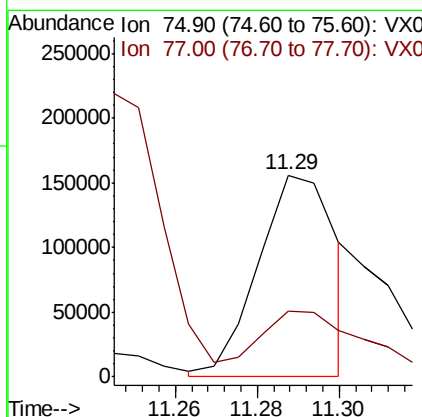
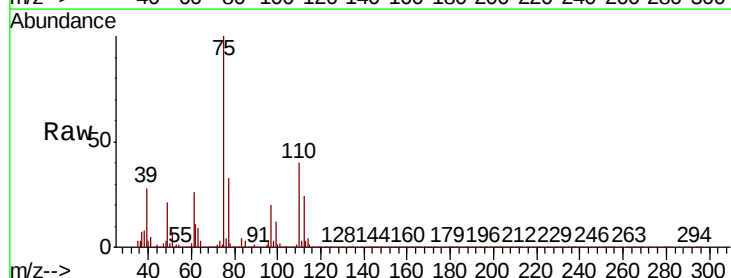
RT: 11.29 min Scan# 1706

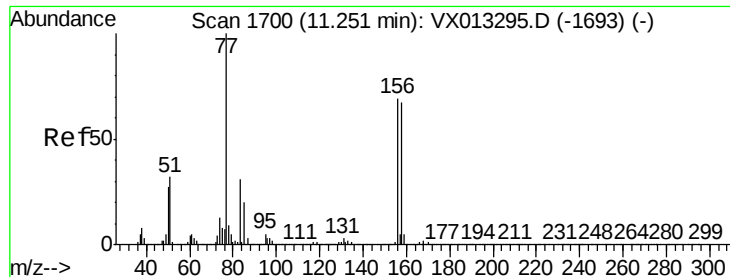
Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 205024 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 45.0  | 22.3  | 66.8   |





#77

Bromobenzene

Concen: 22.312 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

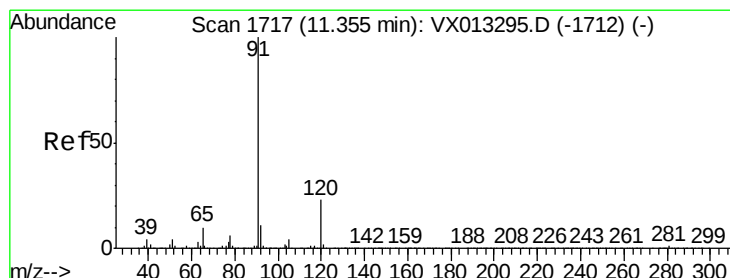
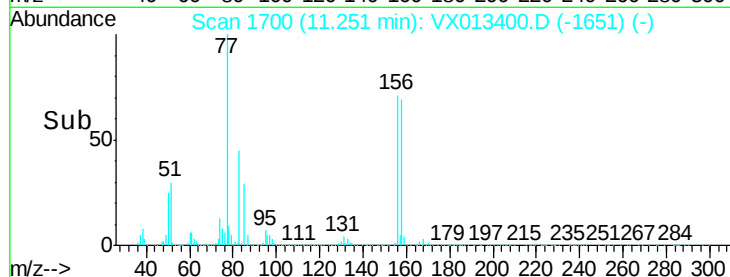
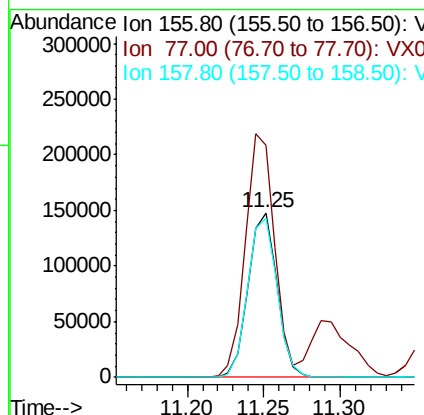
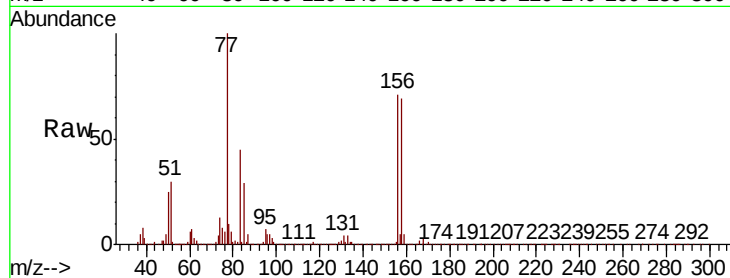
ClientSampleId :

VX1113WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 194056 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 148.9 | 75.8  | 227.4  |
| 158       | 98.5  | 47.6  | 142.8  |

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#78

n-propylbenzene

Concen: 23.490 ug/l

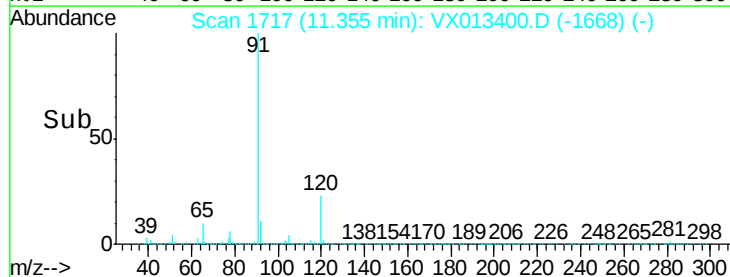
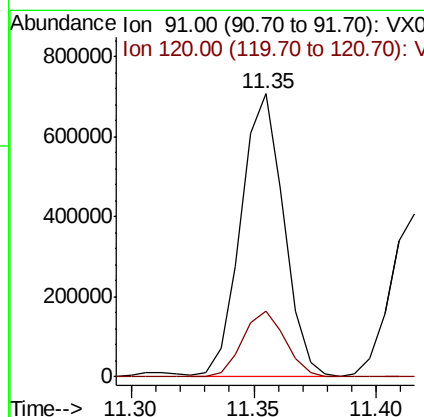
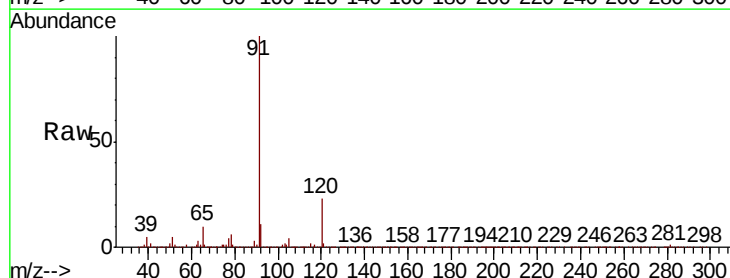
RT: 11.35 min Scan# 1717

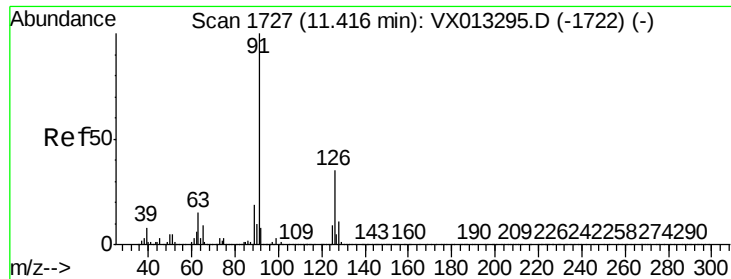
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 853678 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.5  | 11.6  | 34.8   |





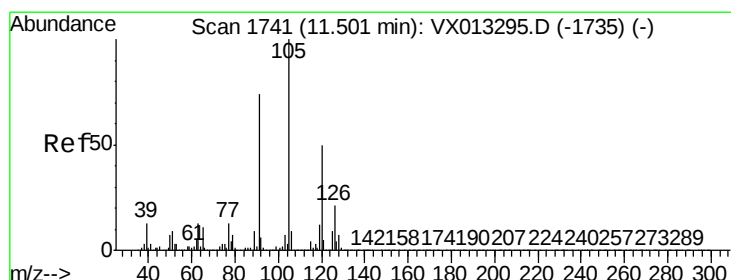
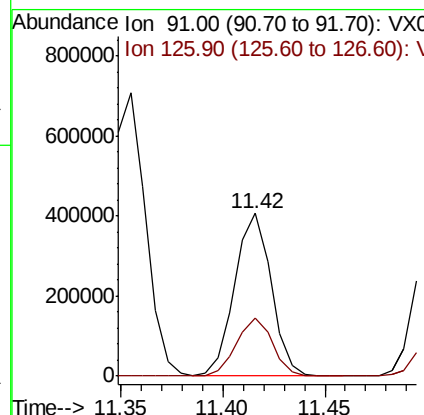
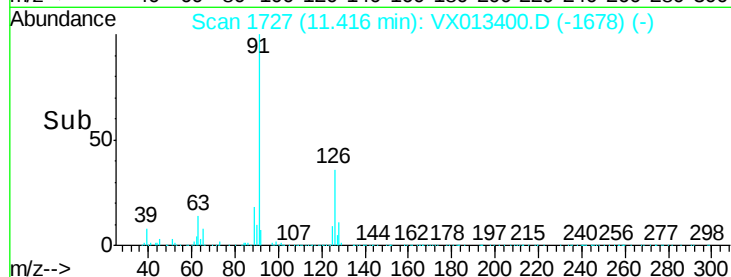
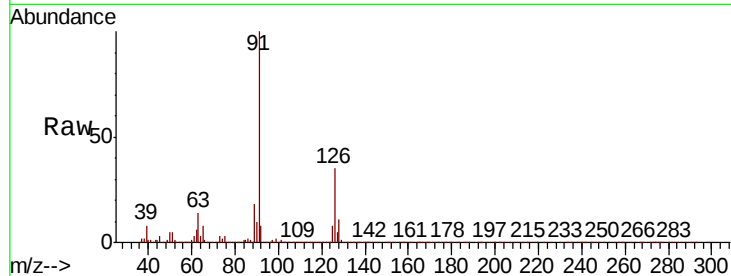
#79  
 2-Chlorotoluene  
 Concen: 22.968 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

Tot Ion: 91 Resp: 502917  
 Ion Ratio Lower Upper  
 91 100  
 126 35.2 17.3 52.0

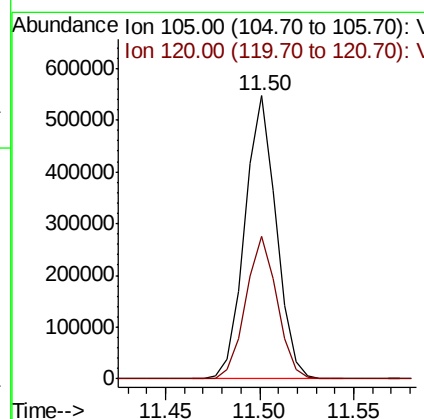
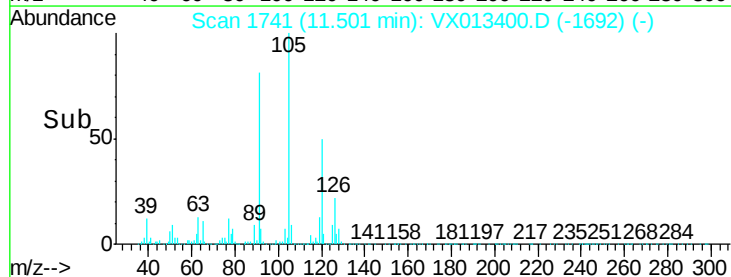
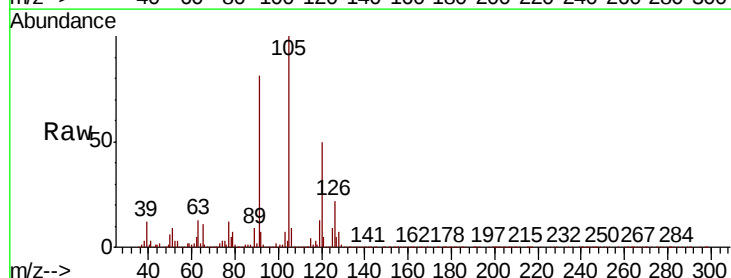
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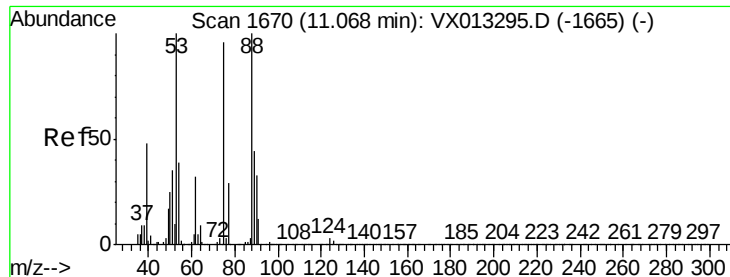
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 23.135 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Tgt Ion: 105 Resp: 628685  
 Ion Ratio Lower Upper  
 105 100  
 120 50.3 24.9 74.8





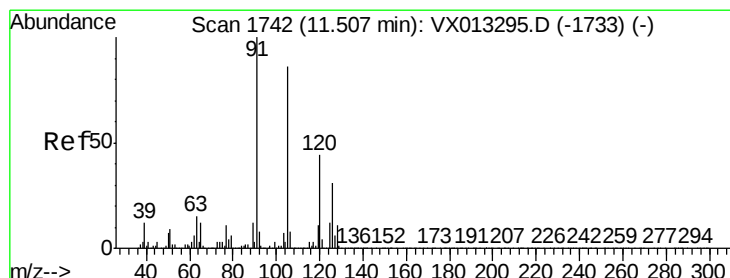
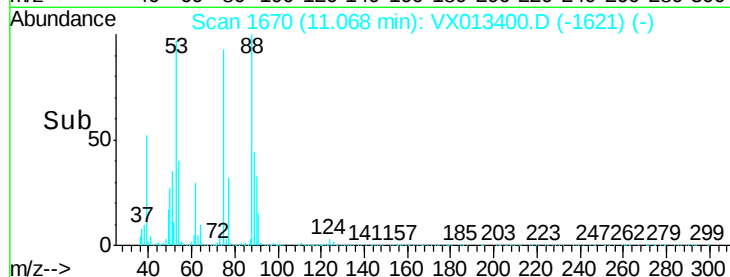
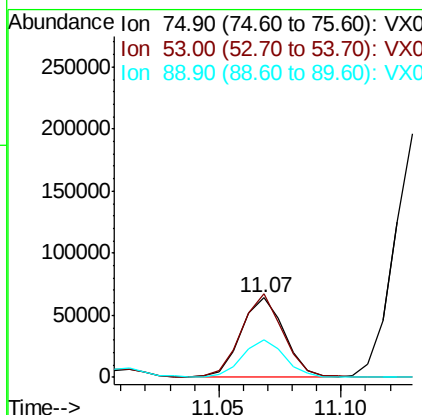
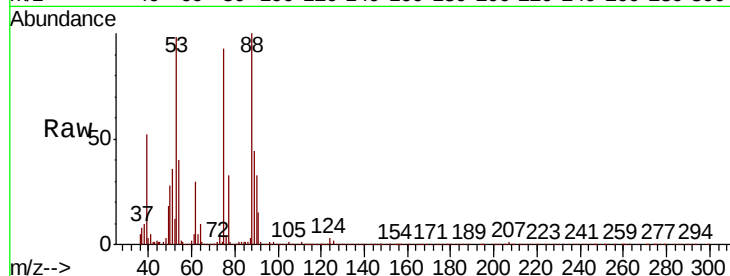
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.213 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.9 | 81.0  | 121.6 |
| 89      | 46.8  | 36.0  | 54.0  |

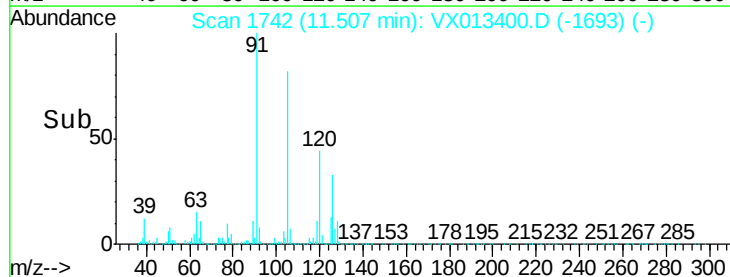
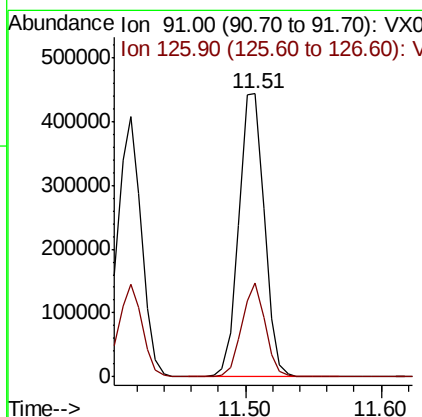
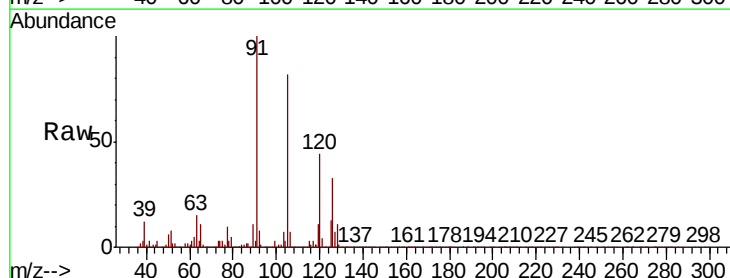
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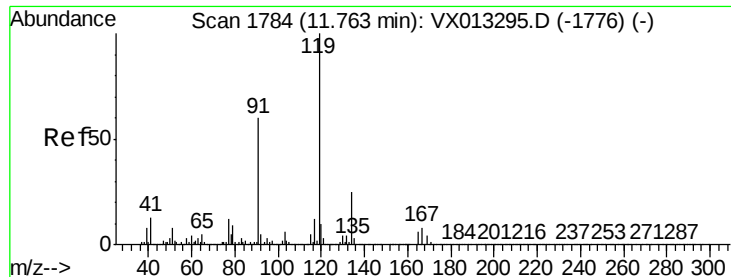
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 22.613 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.4  | 15.3  | 45.8  |





#83

tert-Butylbenzene

Concen: 22.808 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

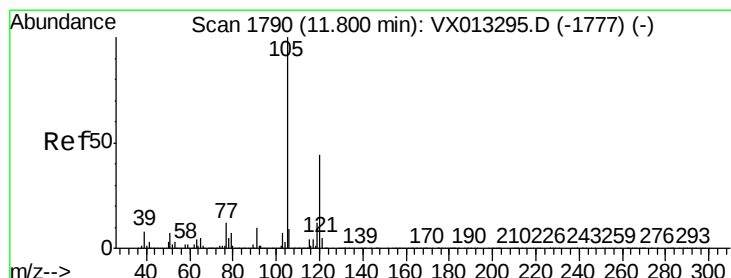
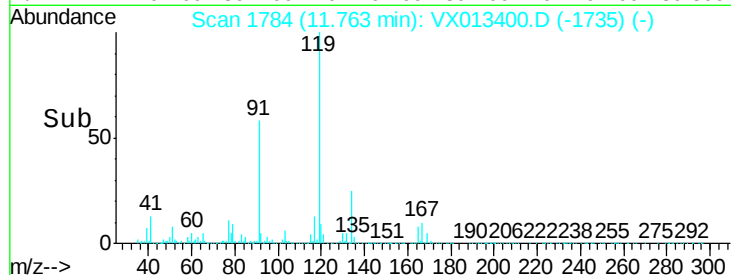
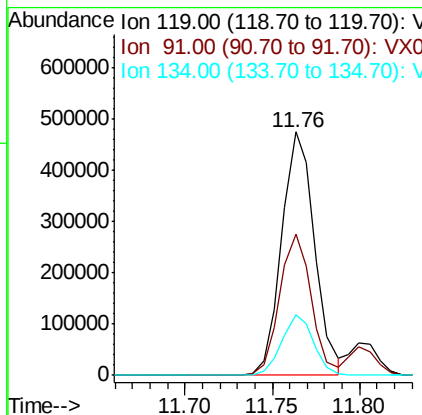
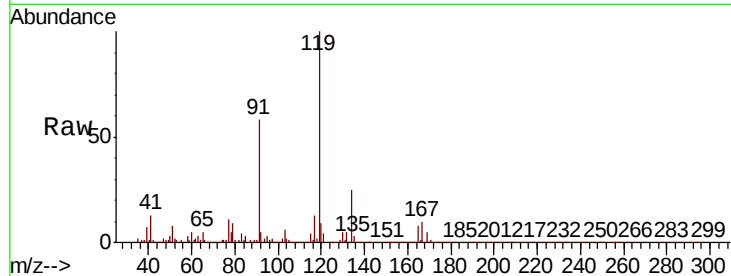
ClientSampleId :

VX1113WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 623932 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 55.5  | 26.9  | 80.7   |
| 134       | 24.3  | 11.7  | 35.1   |

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#84

1,2,4-Trimethylbenzene

Concen: 23.522 ug/l

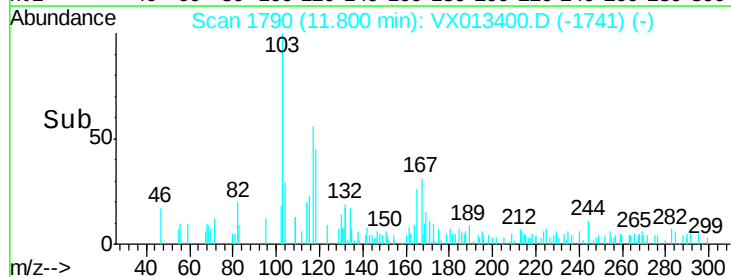
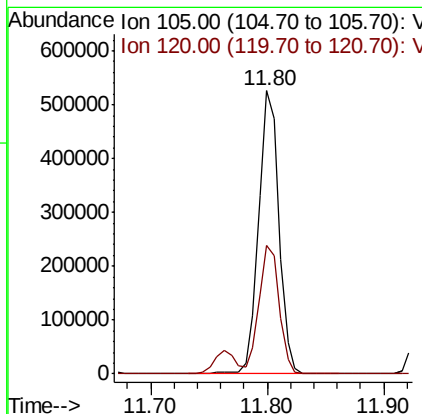
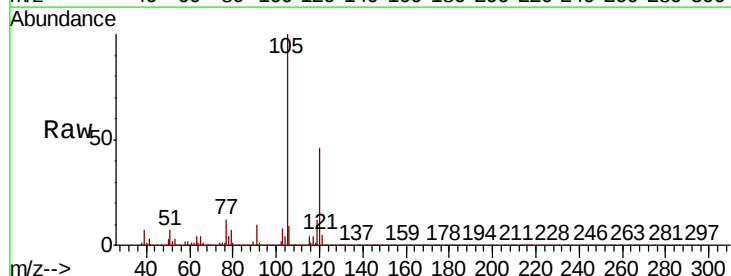
RT: 11.80 min Scan# 1790

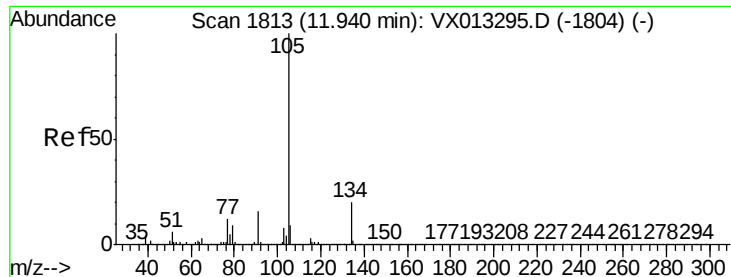
Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 641225 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.2  | 22.7  | 68.1   |





#85

sec-Butylbenzene

Concen: 23.352 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

Instrument :

MSVOA\_X

ClientSampleId :

VX1113WBS01

Tot Ion:105 Resp: 734186

Ion Ratio Lower Upper

105 100

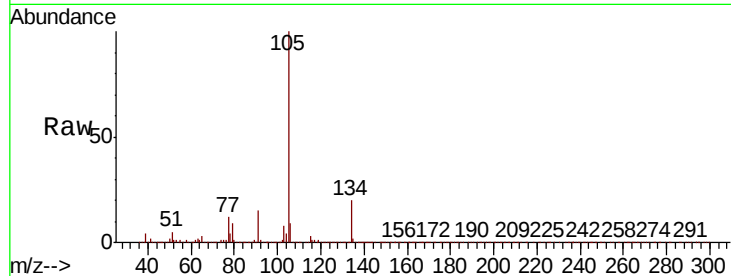
134 20.5 10.3 30.9

Manual Integrations

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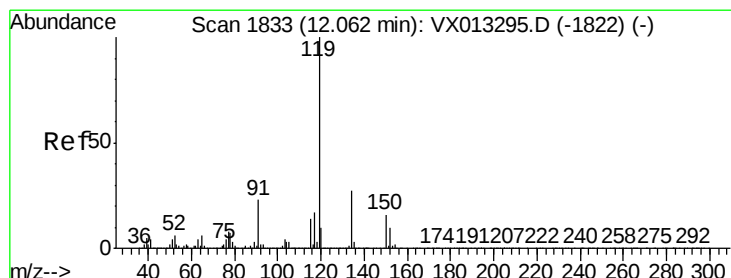
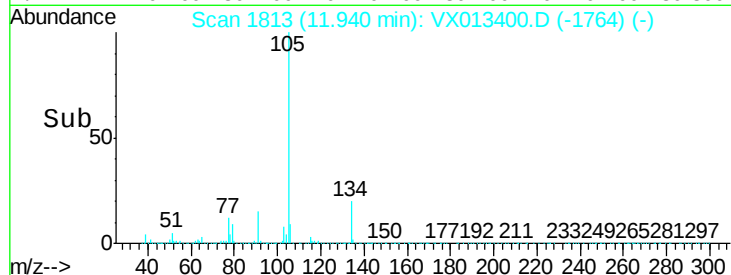
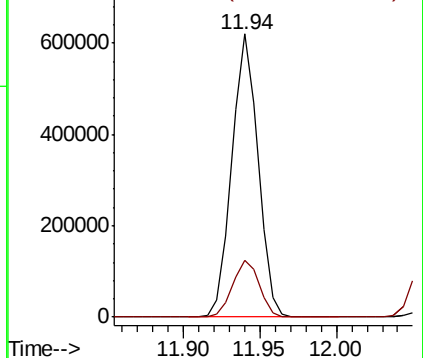
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.445 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013400.D

Acq: 13 Nov 2019 11:56

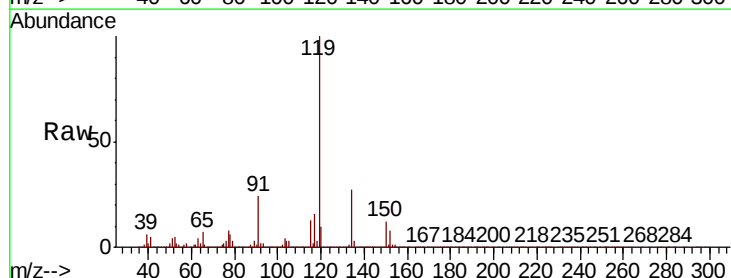
Tgt Ion:119 Resp: 678737

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

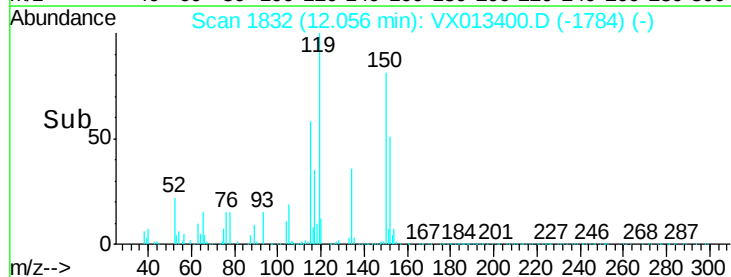
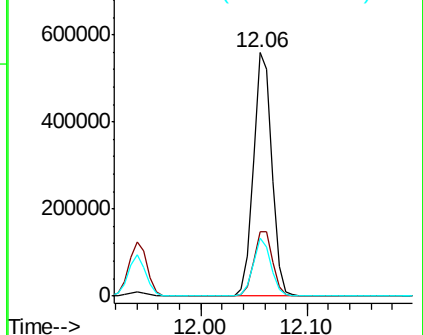
91 22.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





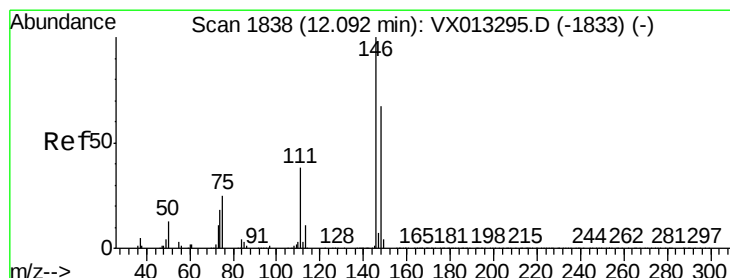
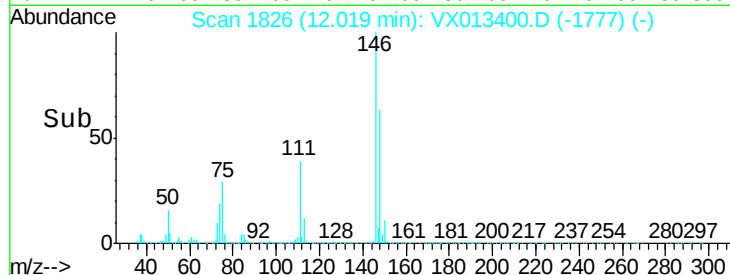
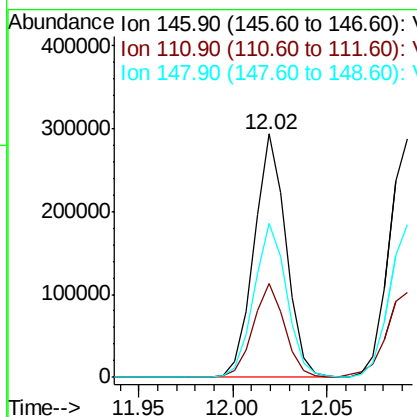
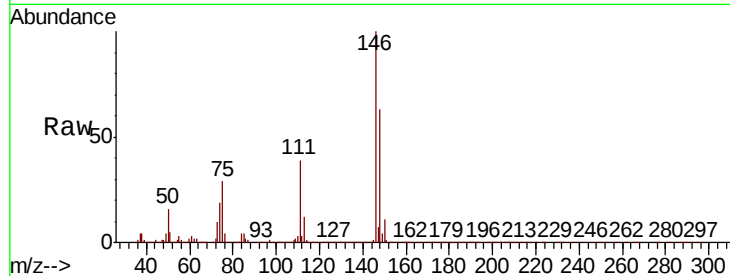
#87  
 1,3-Dichlorobenzene  
 Concen: 22.161 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.9  | 56.5  |
| 148     | 64.7  | 31.9  | 95.7  |

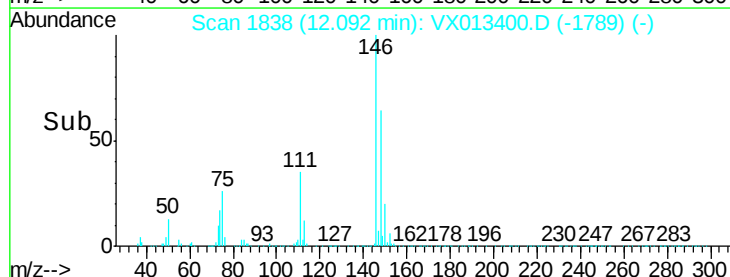
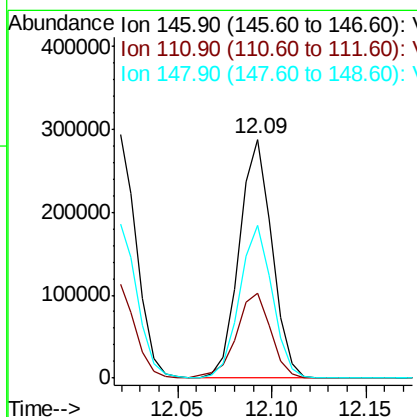
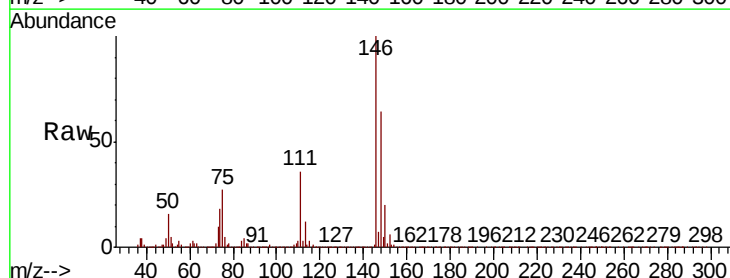
Manual Integrations  
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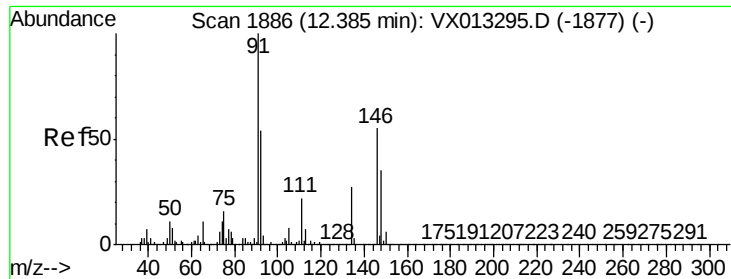
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 11/14/2019 9:37:07 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 21.922 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.8  | 56.4  |
| 148     | 63.7  | 32.4  | 97.0  |





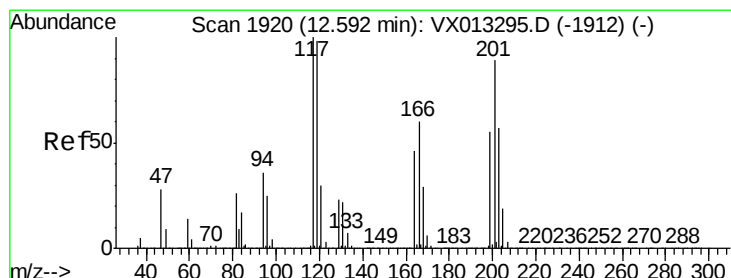
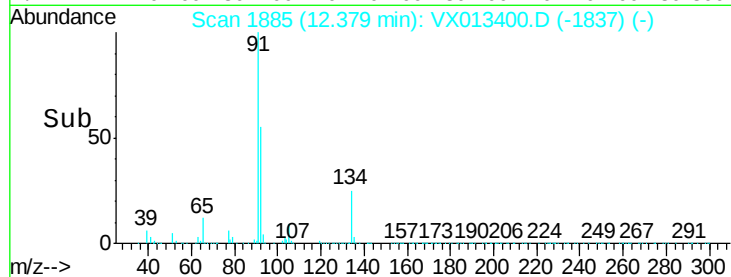
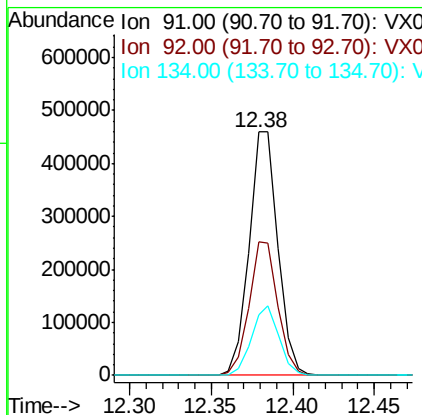
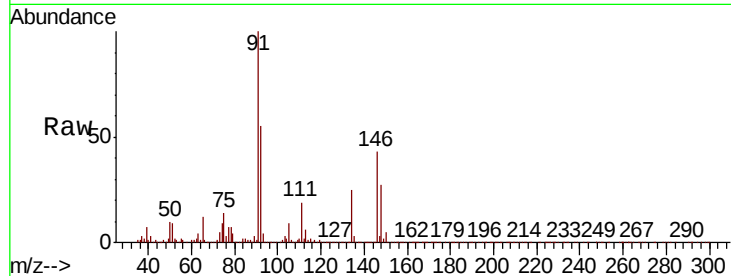
#89  
n-Butylbenzene  
Concen: 22.450 ug/l  
RT: 12.38 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.9  | 27.3  | 81.8  |
| 134     | 27.3  | 13.5  | 40.5  |

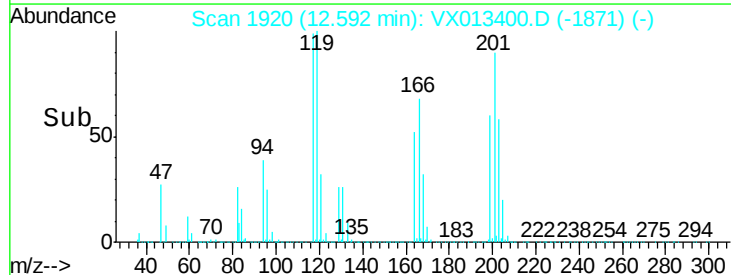
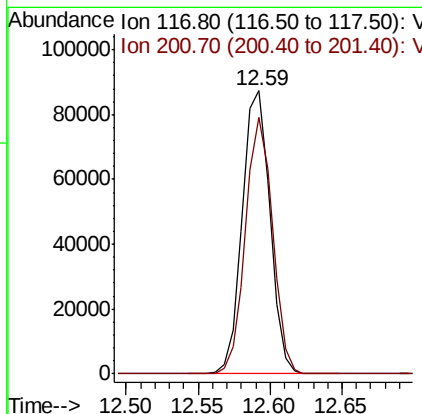
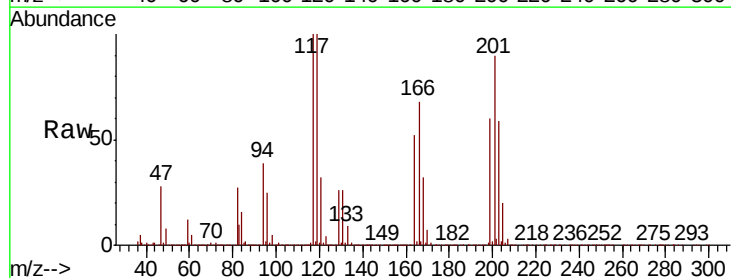
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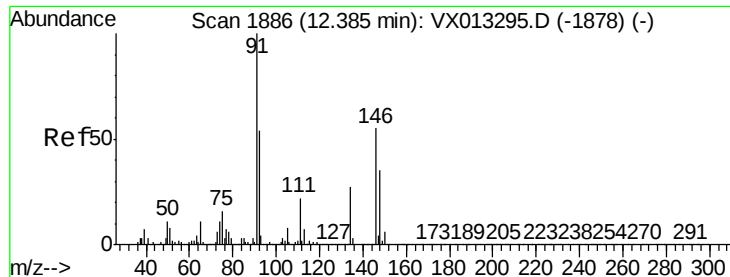
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#90  
Hexachloroethane  
Concen: 22.520 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 88.7  | 43.9  | 131.7 |





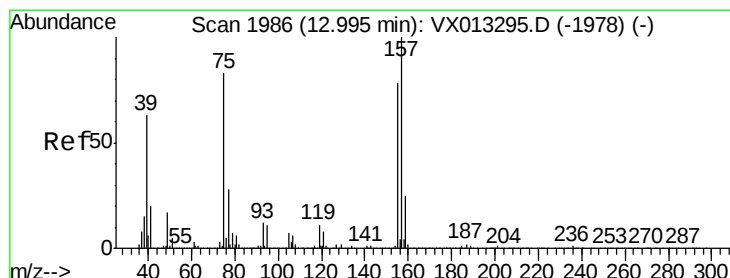
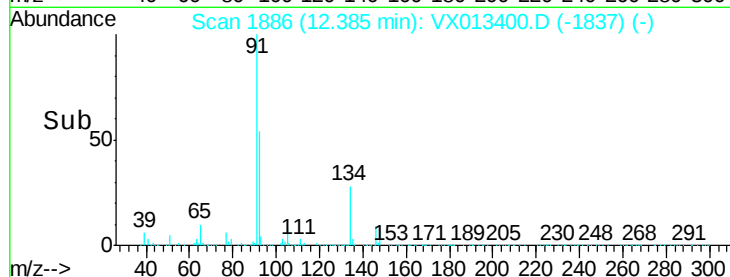
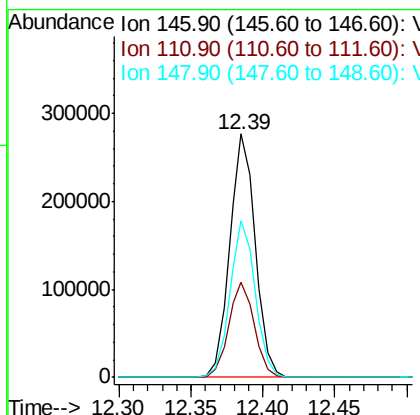
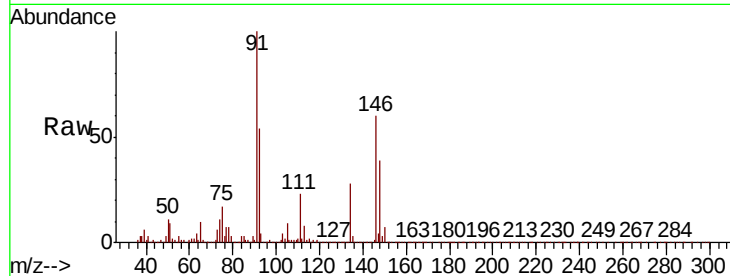
#91  
 1,2-Dichlorobenzene  
 Concen: 22.236 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1113WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 344585 |       |       |
| 111     | 38.9  | 20.1   | 60.2  |       |
| 148     | 63.4  | 32.0   | 96.0  |       |

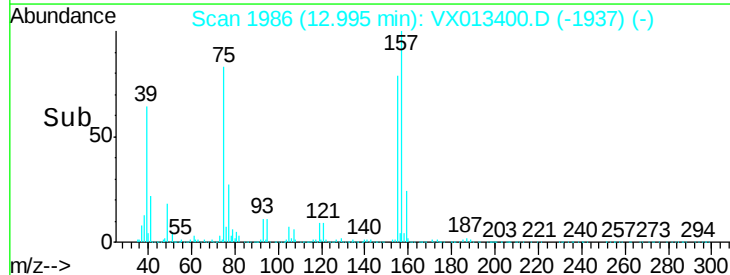
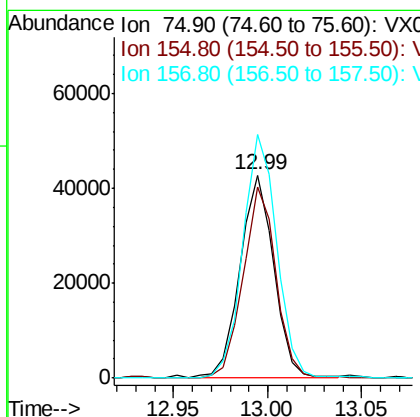
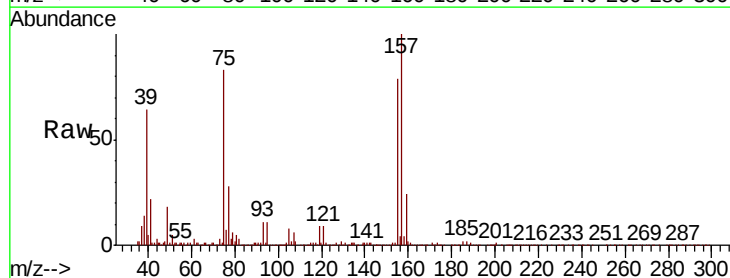
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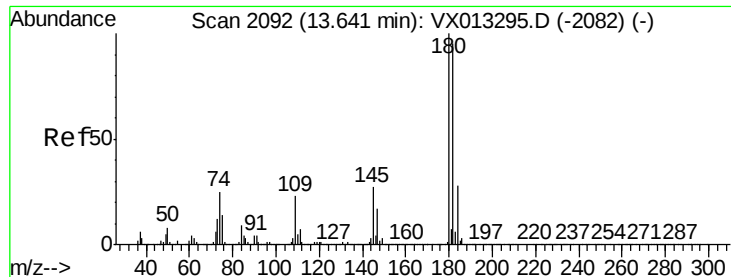
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.425 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX013400.D  
 Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 53427 |       |       |
| 155     | 92.3  | 47.1  | 141.4 |       |
| 157     | 120.7 | 61.3  | 183.8 |       |





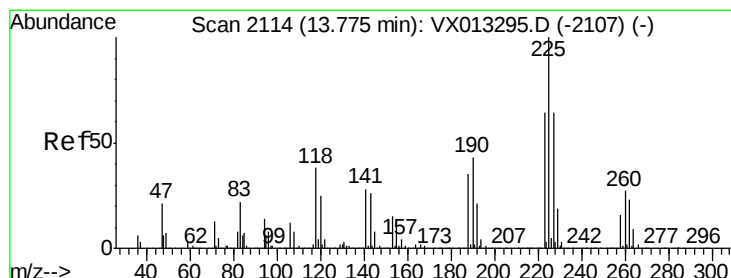
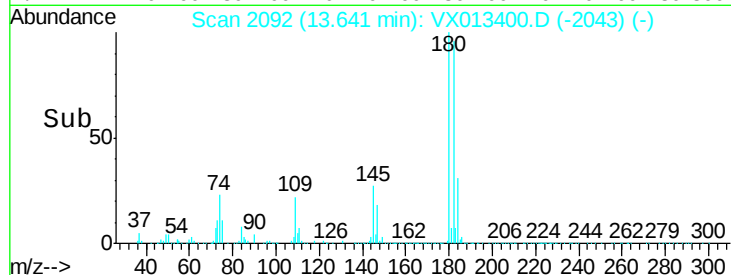
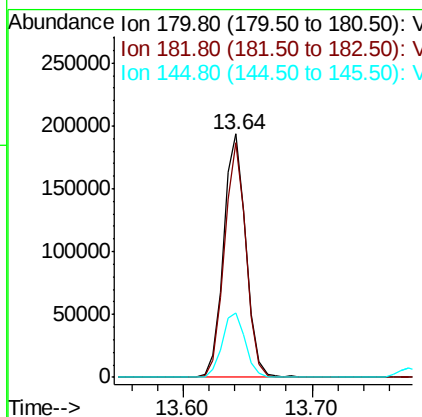
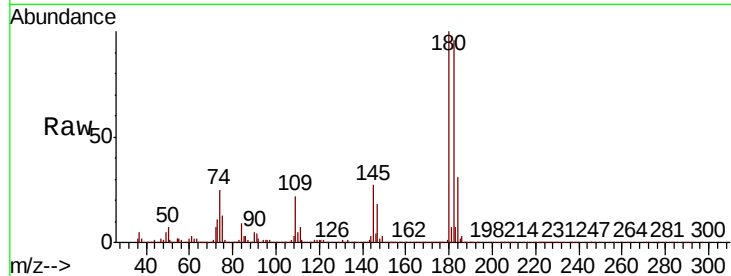
#93  
1,2,4-Trichlorobenzene  
Concen: 21.884 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 236568 |       |       |
| 182     | 93.1  | 48.4   | 145.0 |       |
| 145     | 27.2  | 14.1   | 42.4  |       |

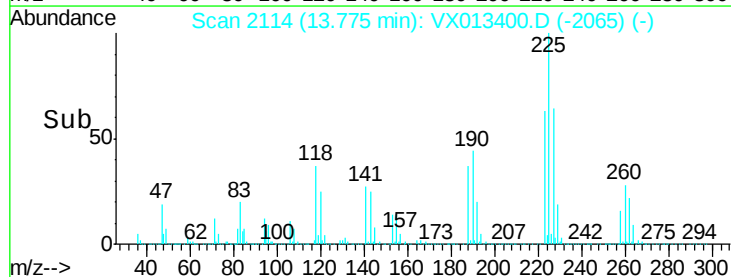
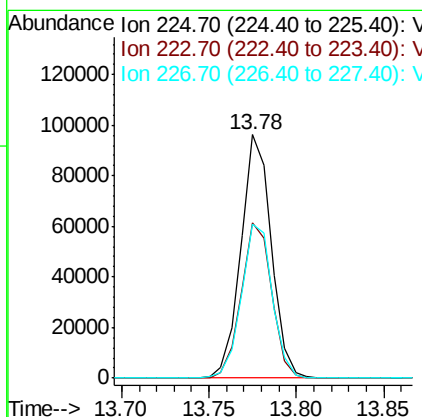
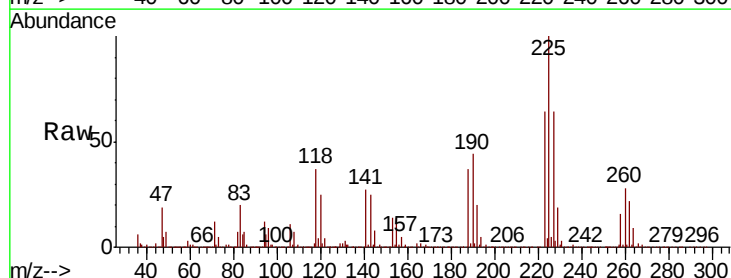
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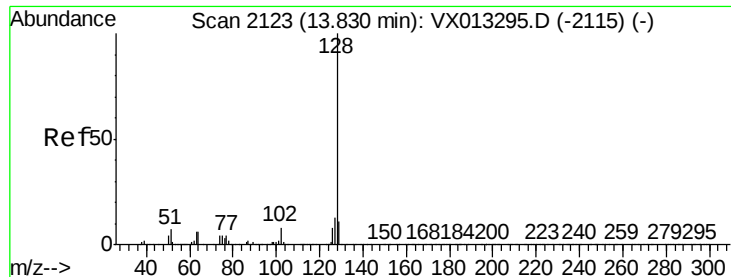
MMDadoda  
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#94  
Hexachlorobutadiene  
Concen: 21.913 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 115891 |       |       |
| 223     | 63.7  | 31.9   | 95.7  |       |
| 227     | 64.8  | 31.9   | 95.9  |       |





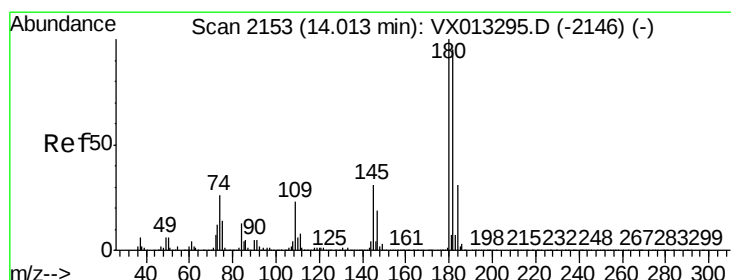
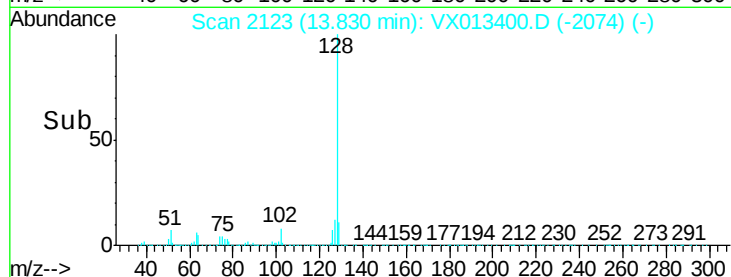
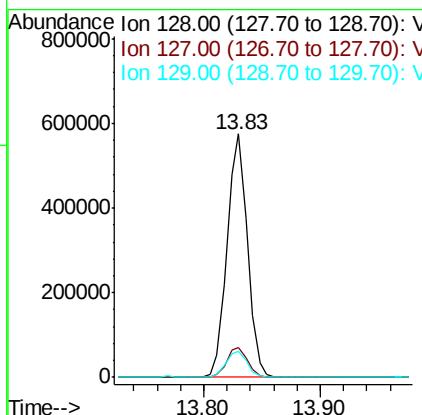
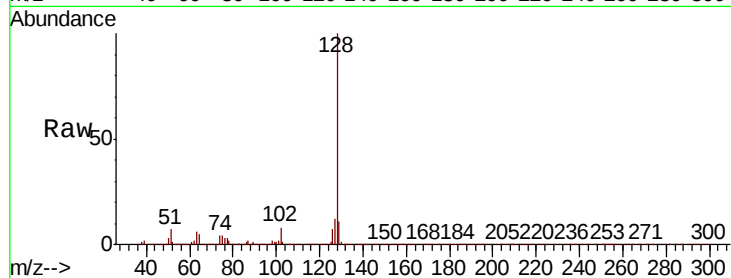
#95  
Naphthalene  
Concen: 20.543 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1113WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 696719 |       |       |
| 127     | 12.7  |        | 10.2  | 15.2  |
| 129     | 11.0  |        | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.608 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX013400.D  
Acq: 13 Nov 2019 11:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 234255 |       |       |
| 182     | 96.4  |        | 48.0  | 144.2 |
| 145     | 29.6  |        | 15.4  | 46.4  |

