

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\  
 Data File : VX013960.D  
 Acq On : 11 Dec 2019 22:57  
 Operator : JC/SP  
 Sample : VX1211WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

Manual Integrations  
 APPROVED

apatel  
 12/12/2019 9:26:53 AM

Quant Time: Dec 12 06:32:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 523161   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 803780   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 729771   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 353789   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 287895   | 47.41 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.82% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 239642   | 48.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.46% |      |
| 50) Toluene-d8            | 8.71   | 98  | 887799   | 45.86 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.72% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 321262   | 46.02 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.04% |      |

## Target Compounds

|                               |      |     |         |         | Qvalue |     |
|-------------------------------|------|-----|---------|---------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 96528   | 16.577  | ug/l   | 100 |
| 3) Chloromethane              | 1.32 | 50  | 122032  | 18.677  | ug/l   | 100 |
| 4) Vinyl Chloride             | 1.40 | 62  | 137897  | 18.751  | ug/l   | 97  |
| 5) Bromomethane               | 1.63 | 94  | 102415  | 20.737  | ug/l   | 98  |
| 6) Chloroethane               | 1.71 | 64  | 77274   | 18.465  | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 149985  | 18.367  | ug/l   | 100 |
| 8) Diethyl Ether              | 2.18 | 74  | 72108   | 19.518  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 91659   | 18.376  | ug/l   | 99  |
| 10) Methyl Iodide             | 2.50 | 142 | 105894  | 17.550  | ug/l   | 98  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 124513  | 83.067  | ug/l   | 99  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 91538   | 18.386  | ug/l   | 95  |
| 13) Acrolein                  | 2.28 | 56  | 73756   | 77.813  | ug/l   | 99  |
| 14) Allyl chloride            | 2.72 | 41  | 165897  | 18.361  | ug/l   | 99  |
| 15) Acrylonitrile             | 3.13 | 53  | 297731  | 96.226  | ug/l   | 99  |
| 16) Acetone                   | 2.44 | 43  | 318027  | 106.073 | ug/l   | 99  |
| 17) Carbon Disulfide          | 2.56 | 76  | 217025  | 15.291  | ug/l   | 98  |
| 18) Methyl Acetate            | 2.76 | 43  | 175268  | 20.993  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 323767  | 19.630  | ug/l   | 98  |
| 20) Methylene Chloride        | 2.85 | 84  | 114833  | 19.936  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 98222   | 18.109  | ug/l   | 96  |
| 22) Diisopropyl ether         | 3.84 | 45  | 362833  | 20.855  | ug/l   | 96  |
| 23) Vinyl Acetate             | 3.80 | 43  | 1406297 | 97.167  | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 187597  | 19.725  | ug/l   | 98  |
| 25) 2-Butanone                | 4.66 | 43  | 435583  | 97.755  | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 130233  | 16.550  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 118084  | 18.958  | ug/l   | 98  |
| 28) Bromochloromethane        | 5.00 | 49  | 80428   | 21.392  | ug/l   | 97  |
| 29) Tetrahydrofuran           | 5.11 | 42  | 268980  | 97.921  | ug/l   | 99  |
| 30) Chloroform                | 5.20 | 83  | 189464  | 19.643  | ug/l   | 100 |
| 31) Cyclohexane               | 5.57 | 56  | 157076  | 17.510  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 152744  | 18.950  | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 134735  | 18.466  | ug/l   | 100 |
| 37) Ethyl Acetate             | 4.82 | 43  | 157192  | 19.204  | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 126176  | 18.754  | ug/l   | 98  |

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 Sample : VX1211WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1211WBSD02

Manual Integrations  
 APPROVED

apatel  
 12/12/2019 9:26:53 AM

Quant Time: Dec 12 06:32:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 149493   | 16.576  | ug/l  | 100      |
| 40) Benzene                    | 6.14  | 78   | 427835   | 19.253  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 90385    | 20.135  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 149439   | 19.718  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 257488   | 19.108  | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 114405   | 18.759  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 115115   | 20.704  | ug/l  | 100      |
| 46) Dibromomethane             | 7.65  | 93   | 71666    | 18.979  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 136490   | 19.120  | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 126949   | 19.389  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 49477    | 337.593 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 847148   | 99.941  | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 270731   | 19.611  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 142159   | 17.495  | ug/l  | 96       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 164633   | 18.545  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 113731   | 20.443  | ug/l  | 96       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 171373   | 19.160  | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 190334   | 19.849  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 319221   | 91.028  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 627100   | 94.856  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 108889   | 18.860  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 113566   | 19.113  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 108186   | 19.879  | ug/l  | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 289107   | 19.081  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 106911   | 19.650  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 497693   | 19.115  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 381268   | 38.249  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 189202   | 19.461  | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 311843   | 19.068  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 81342    | 18.069  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 492641   | 19.851  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 218936   | 19.258  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 177930   | 20.674  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 159079m  | 19.991  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 131457   | 19.608  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 543626   | 19.623  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 332400   | 20.002  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 407758   | 20.047  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 46948    | 16.141  | ug/l  | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 377781   | 19.627  | ug/l  | 97       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 412780   | 19.969  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 411440   | 19.931  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 463290   | 19.622  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 421277   | 19.179  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 222929   | 19.075  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 220158   | 18.495  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 342646   | 18.290  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 73049    | 18.399  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 228760   | 19.811  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 35625    | 19.008  | ug/l  | 97       |

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Operator : JC/SP  
Sample : VX1211WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

Manual Integrations  
APPROVED

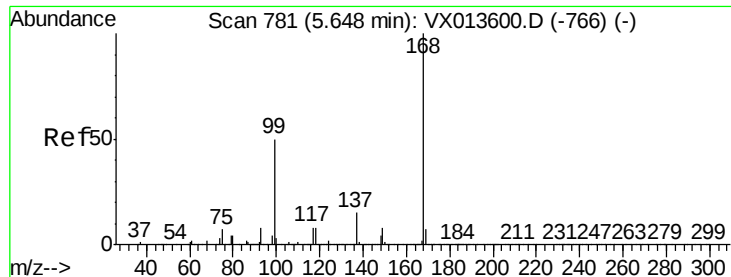
apatel  
12/12/2019 9:26:53 AM

Quant Time: Dec 12 06:32:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 142006   | 17.646 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 71256    | 18.432 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 426733   | 17.806 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 146939   | 18.441 | ug/l  | 99       |

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





#1

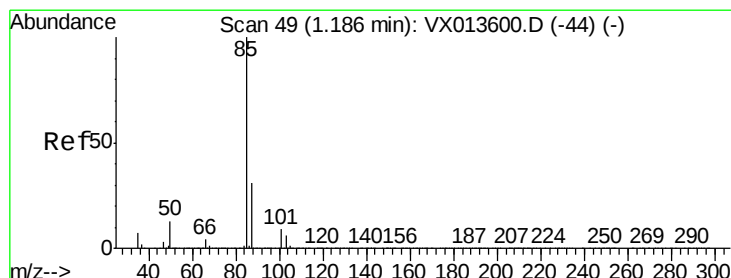
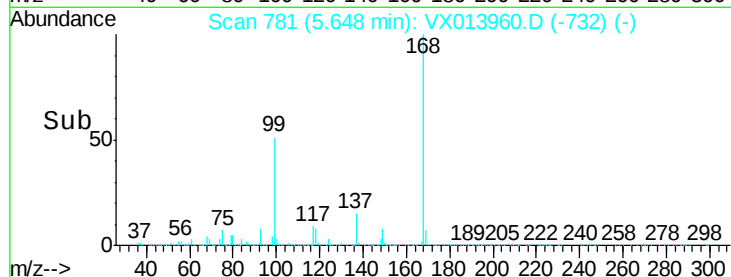
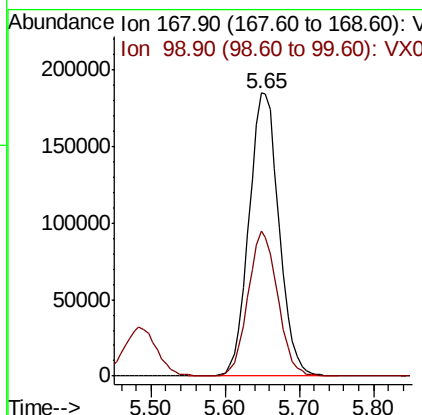
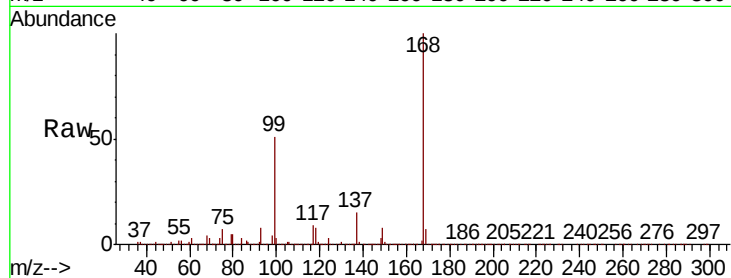
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 51.3  | 39.8  | 59.8  |

Manual Integrations  
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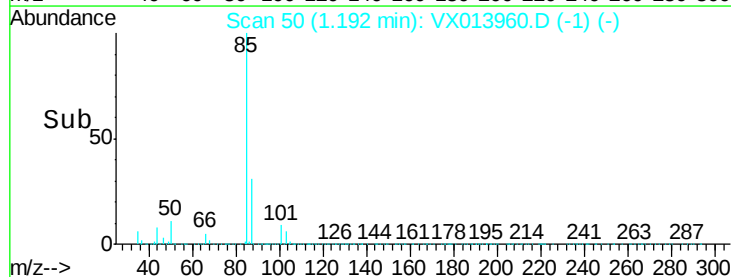
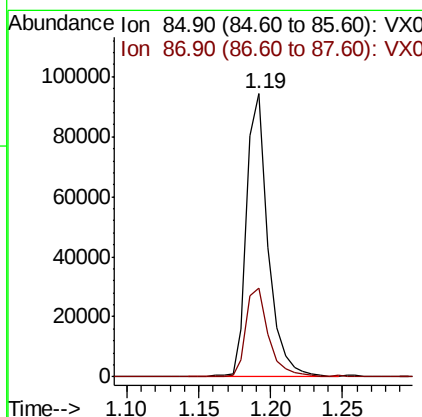
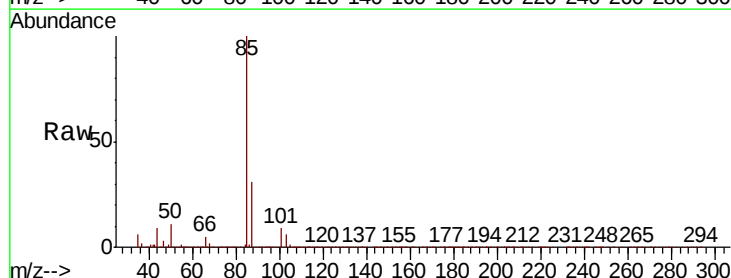
apatel  
 12/12/2019 9:26:53 AM

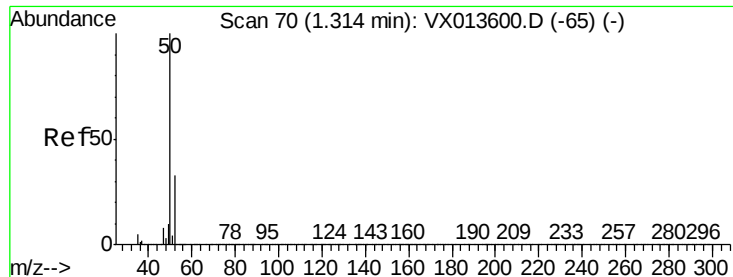


#2

Dichlorodifluoromethane  
 Concen: 16.577 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. 0.01 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.2  | 15.7  | 47.1  |





#3

Chloromethane

Concen: 18.677 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 50 Resp: 122032

Ion Ratio Lower Upper

50 100

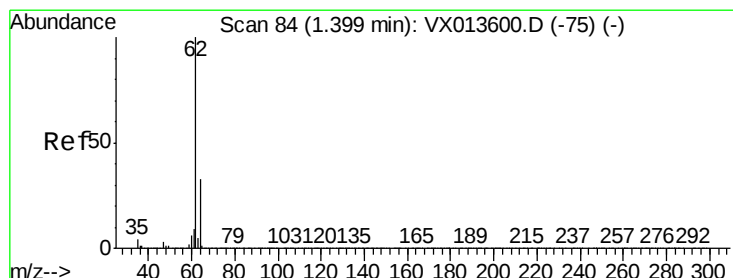
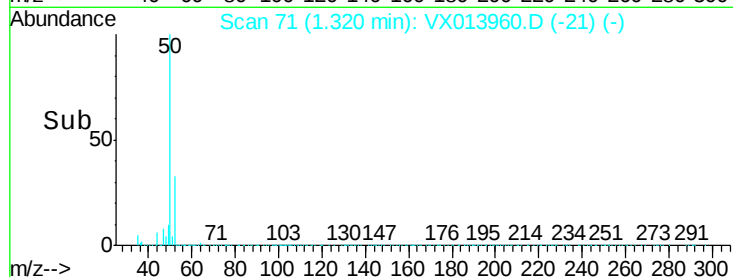
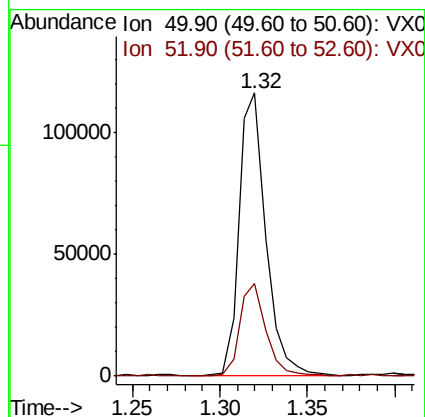
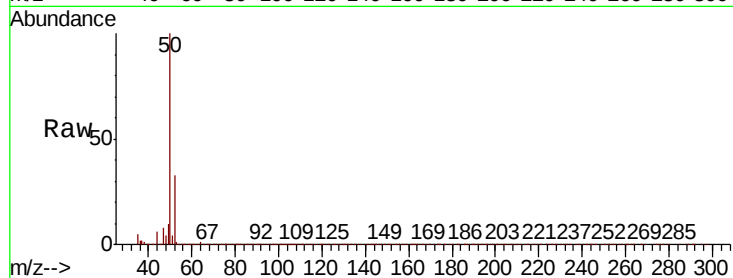
52 32.7 26.0 39.0

Manual Integrations

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apatel

12/12/2019 9:26:53 AM



#4

Vinyl Chloride

Concen: 18.751 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013960.D

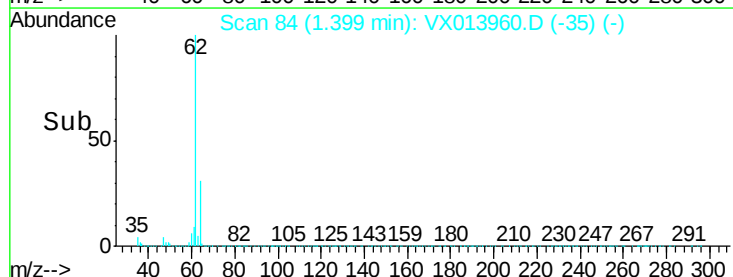
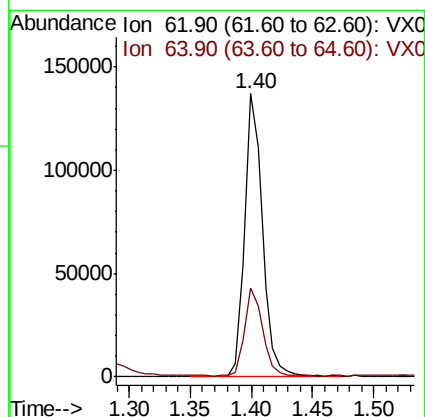
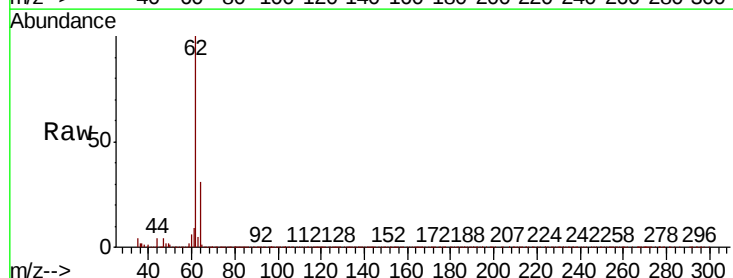
Acq: 11 Dec 2019 22:57

Tgt Ion: 62 Resp: 137897

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 20.737 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 94 Resp: 102415

Ion Ratio Lower Upper

94 100

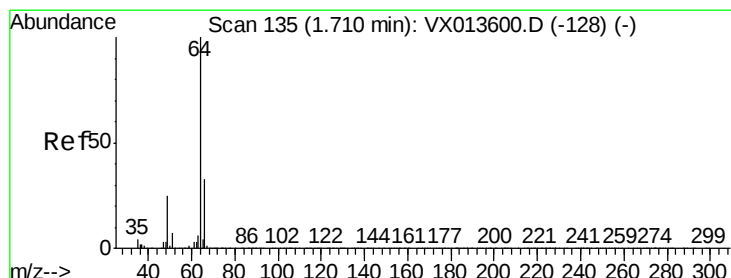
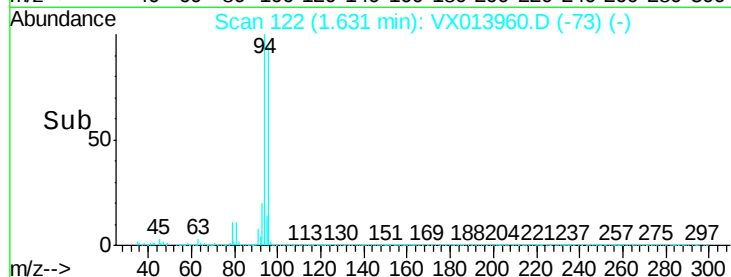
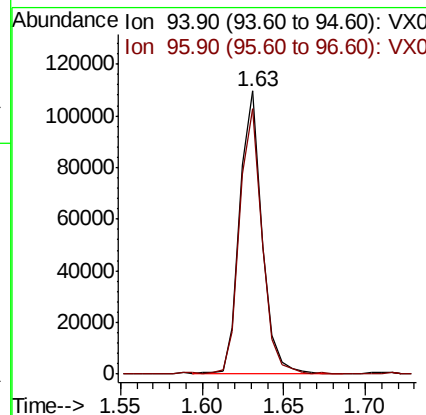
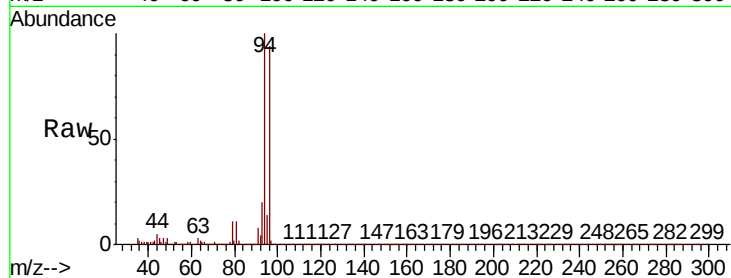
96 93.8 77.0 115.4

Manual Integrations

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apatel

12/12/2019 9:26:53 AM



#6

Chloroethane

Concen: 18.465 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013960.D

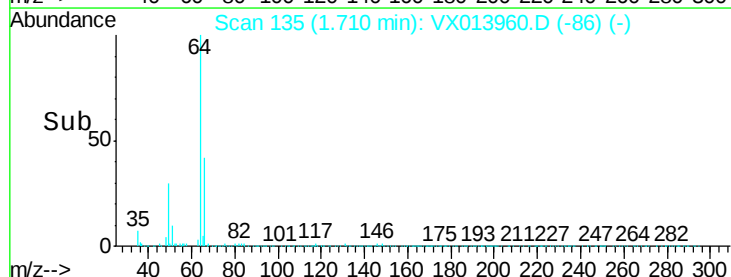
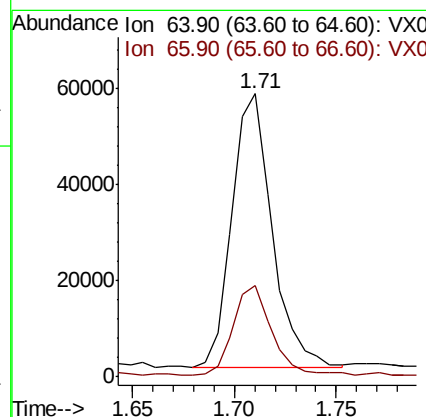
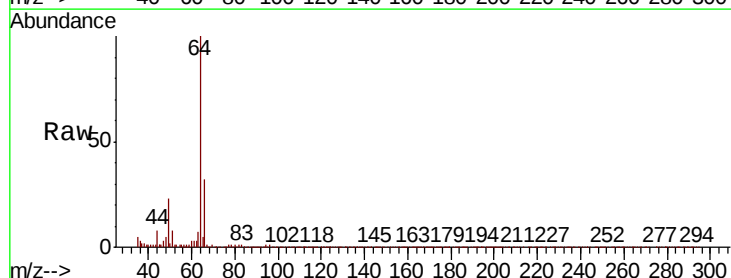
Acq: 11 Dec 2019 22:57

Tgt Ion: 64 Resp: 77274

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

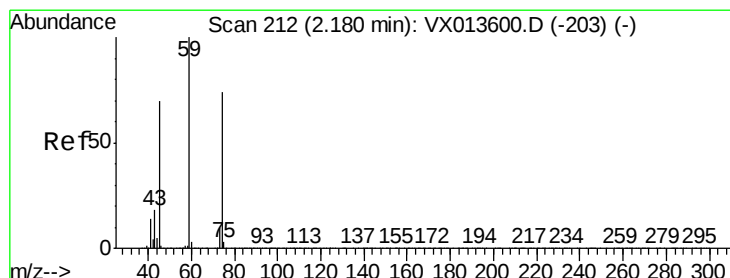
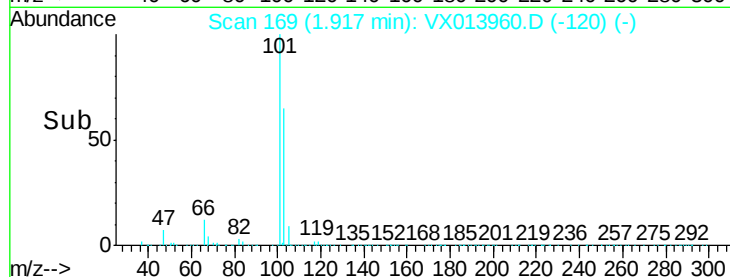
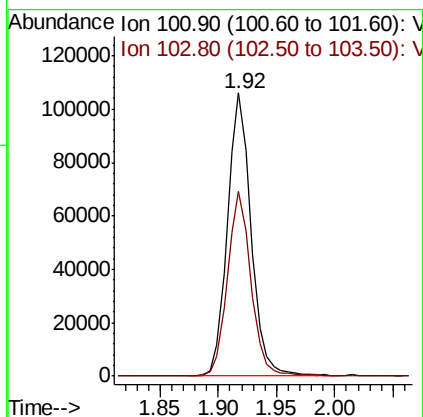
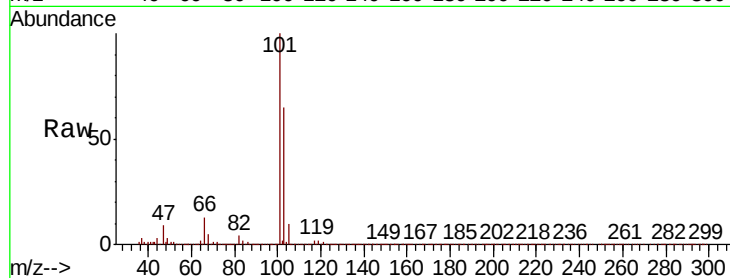
Trichlorofluoromethane  
Concen: 18.367 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.0  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

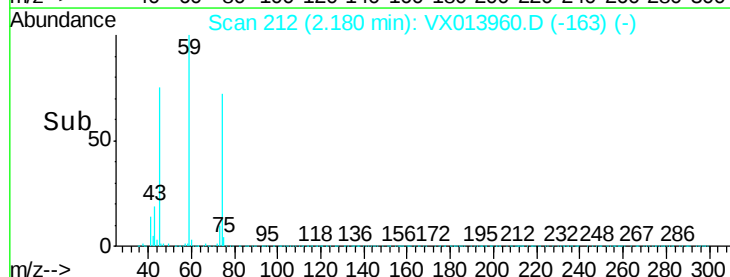
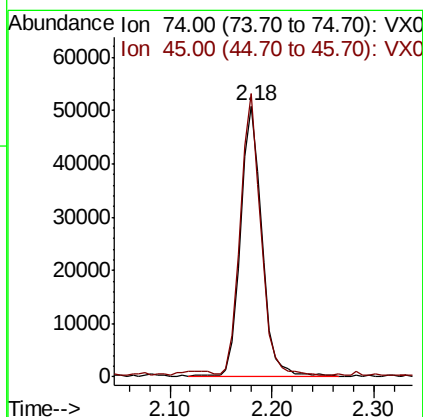
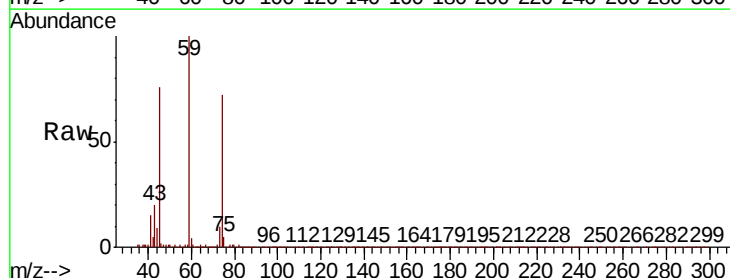
apatel  
12/12/2019 9:26:53 AM

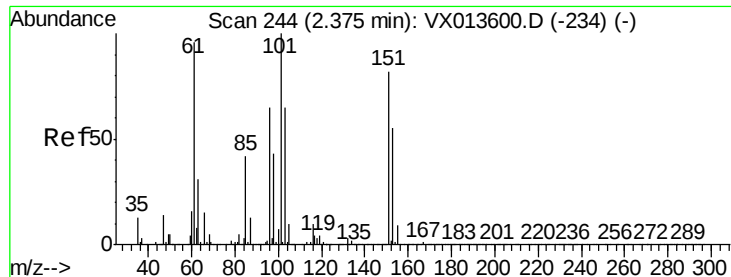


#8

Diethyl Ether  
Concen: 19.518 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 101.1 | 48.9  | 146.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.376 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

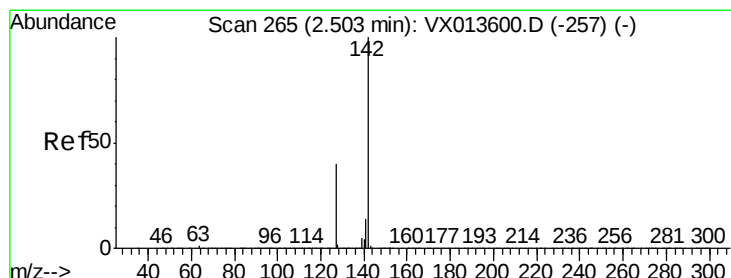
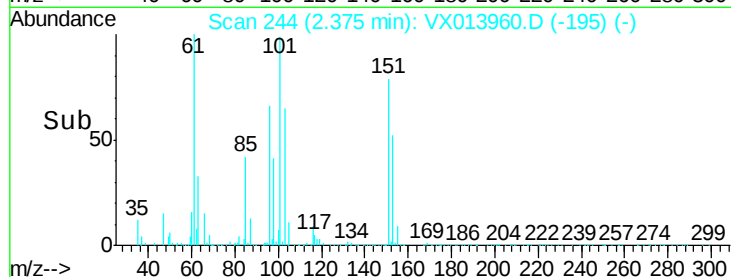
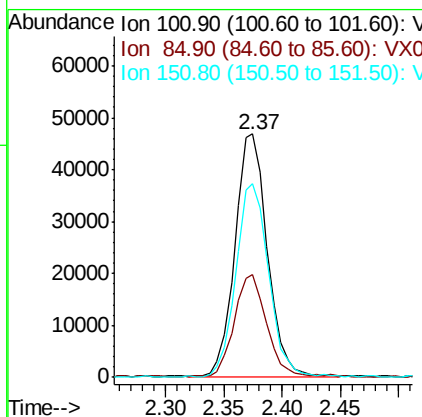
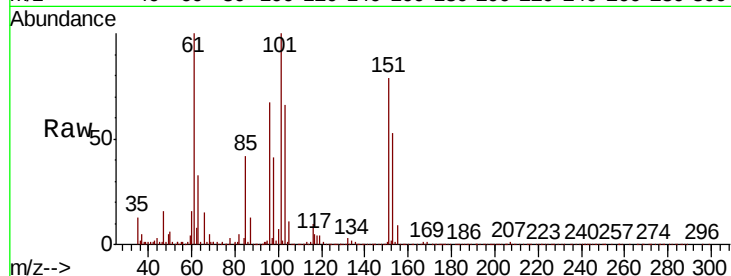
ClientSampleId :

VX1211WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 91659 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.3  | 33.9  | 50.9  |
| 151       | 81.2  | 64.2  | 96.2  |

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#10

Methyl Iodide

Concen: 17.550 ug/l

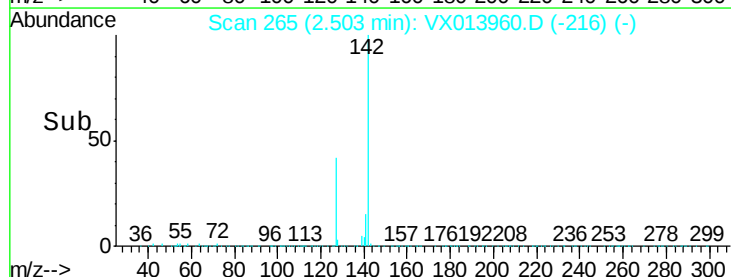
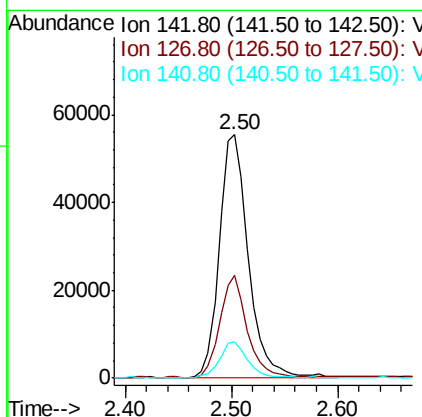
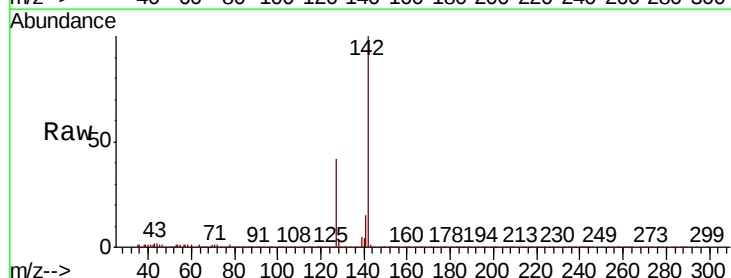
RT: 2.50 min Scan# 265

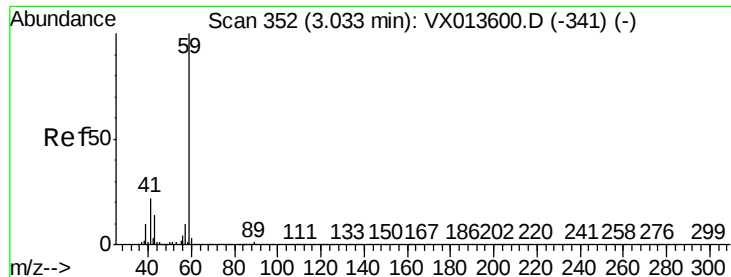
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 105894 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.4  | 31.0  | 46.4   |
| 141       | 14.3  | 11.6  | 17.4   |





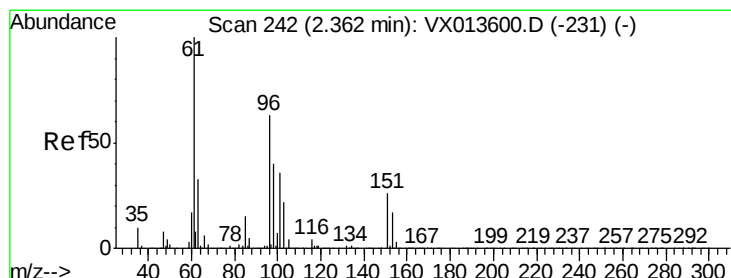
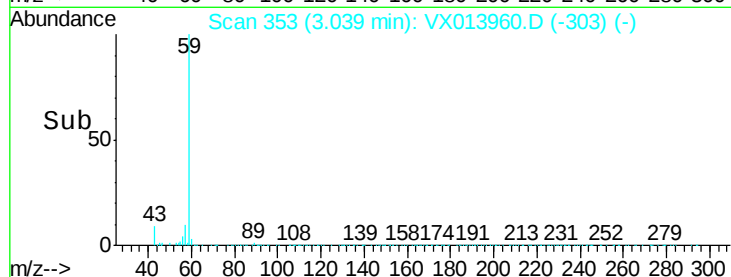
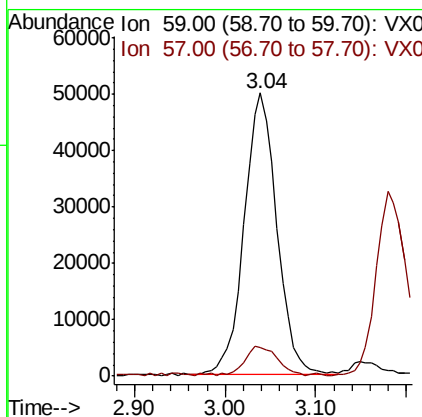
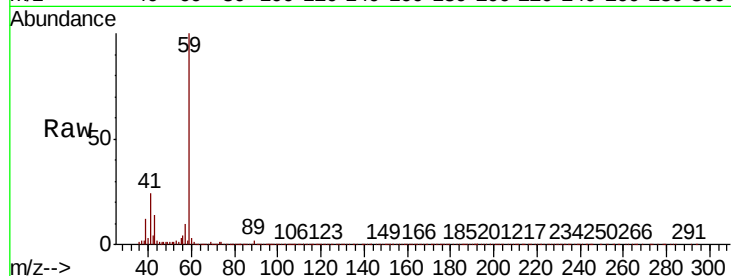
#11  
Tert butyl alcohol  
Concen: 83.067 ug/l  
RT: 3.04 min Scan# 353  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 7.8   | 11.6  |

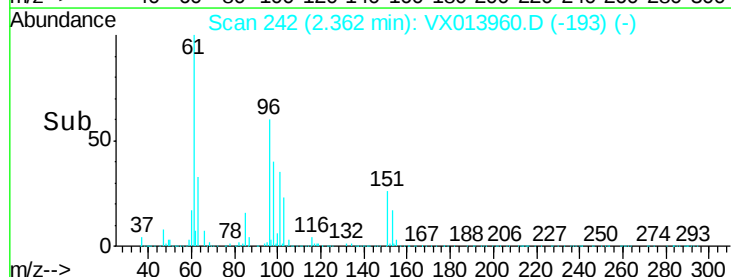
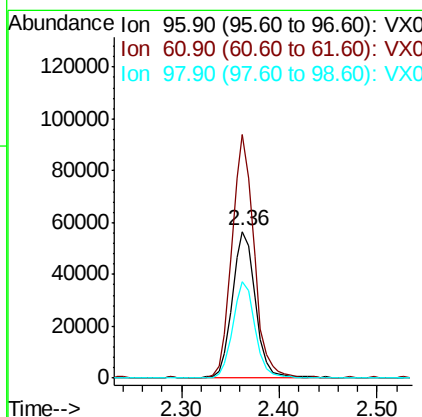
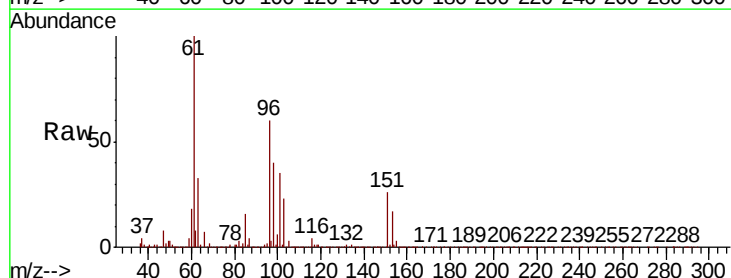
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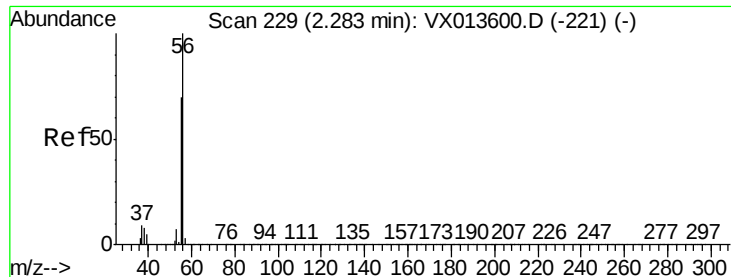
apatel  
12/12/2019 9:26:53 AM



#12  
1,1-Dichloroethene  
Concen: 18.386 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 165.7 | 126.6 | 190.0 |
| 98      | 65.8  | 50.6  | 76.0  |





#13

Acrolein

Concen: 77.813 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 56 Resp: 73756

Ion Ratio Lower Upper

56 100

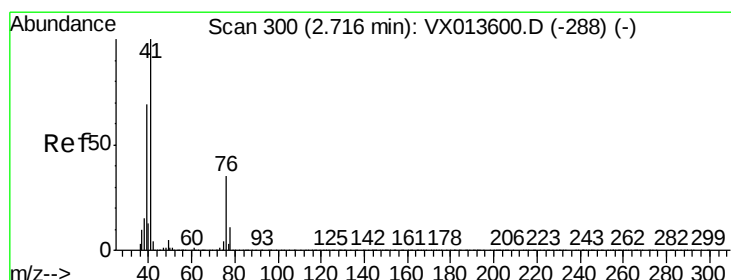
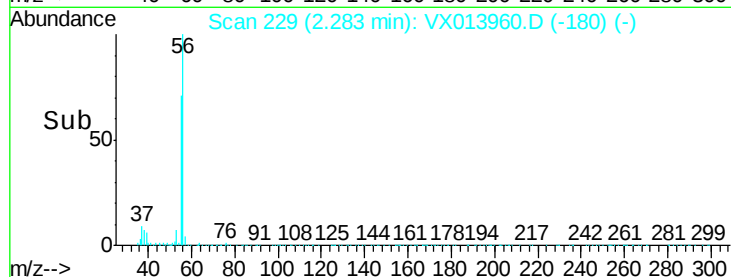
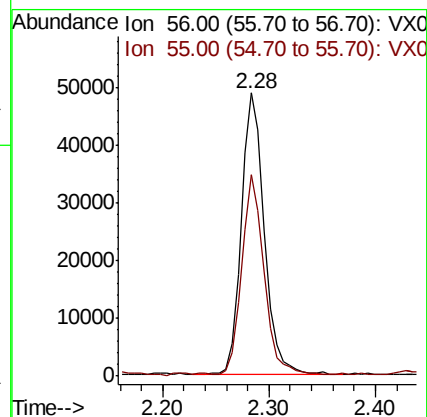
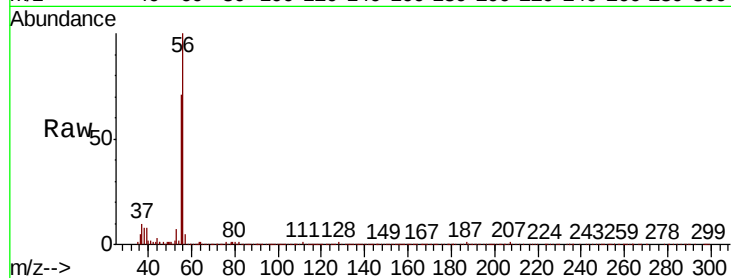
55 69.5 56.2 84.4

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#14

Allyl chloride

Concen: 18.361 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

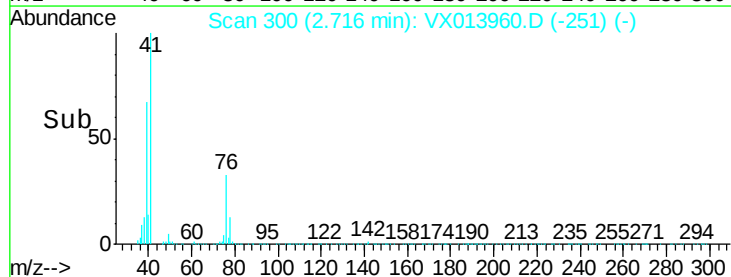
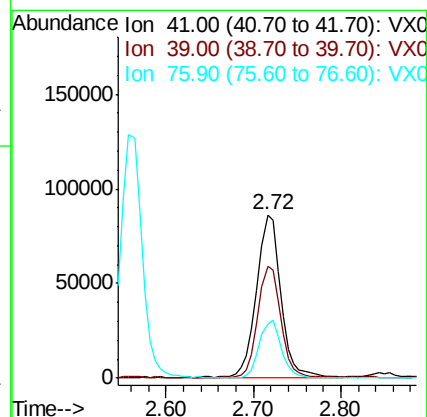
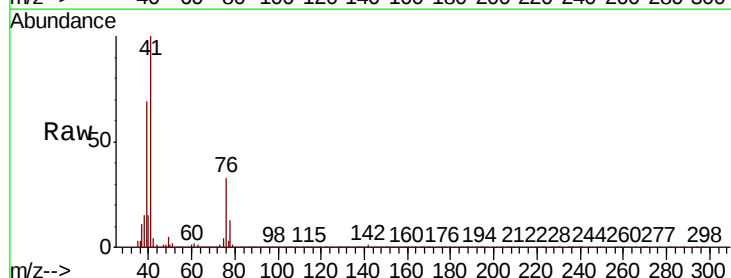
Tgt Ion: 41 Resp: 165897

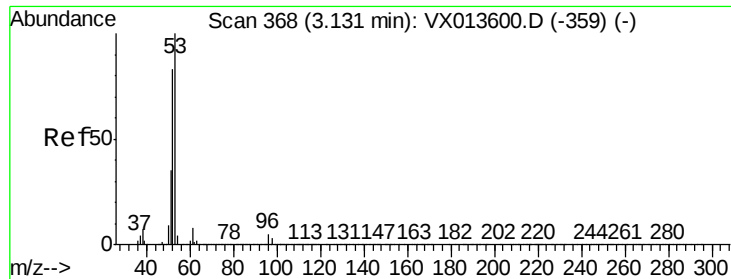
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 32.1 25.9 38.9





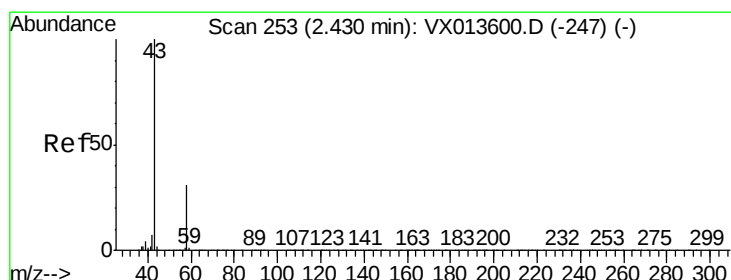
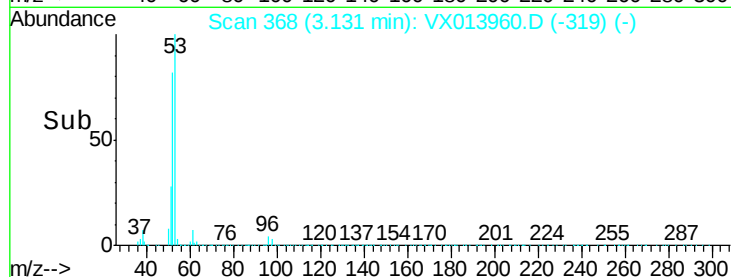
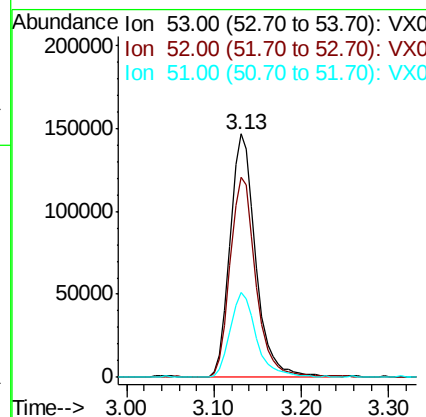
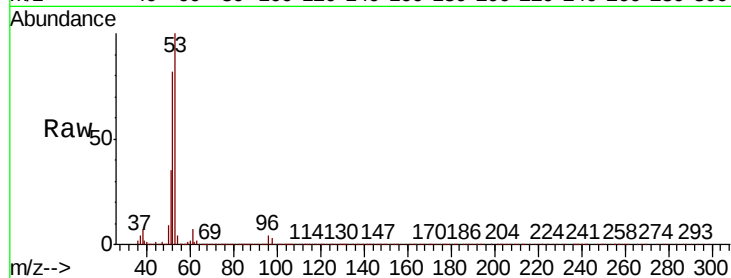
#15  
 Acrylonitrile  
 Concen: 96.226 ug/l  
 RT: 3.13 min Scan# 368  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 297731 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 66.2  | 99.2   |
| 51        | 35.3  | 29.0  | 43.6   |

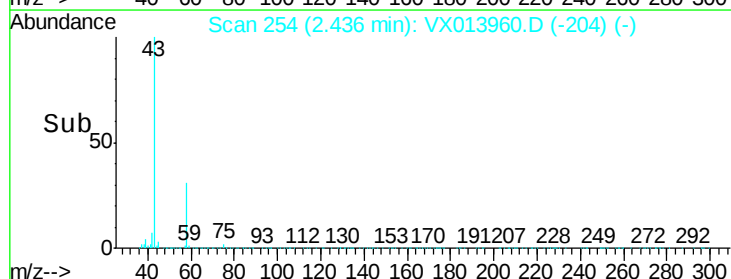
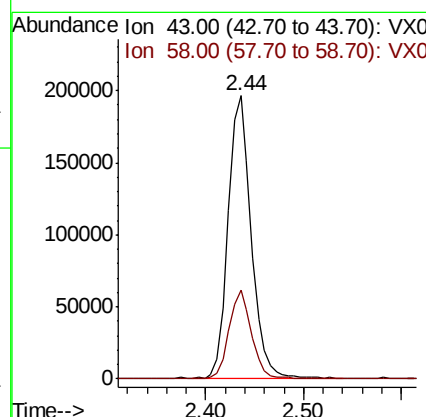
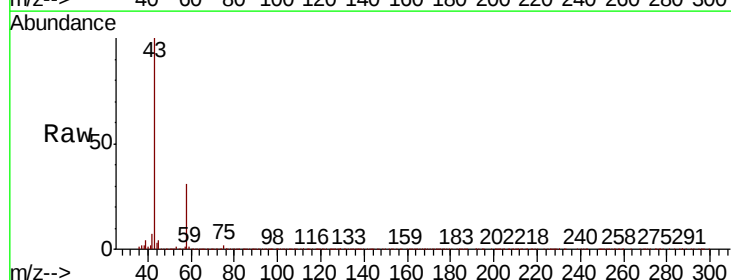
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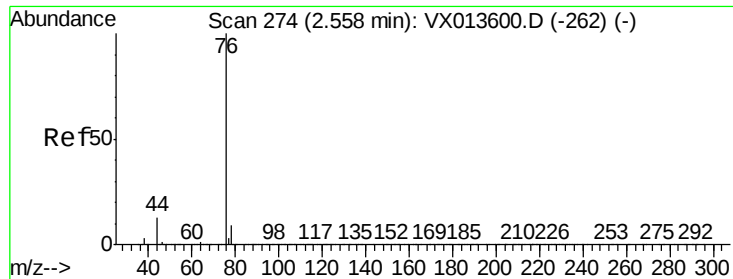
apatel  
 12/12/2019 9:26:53 AM



#16  
 Acetone  
 Concen: 106.073 ug/l  
 RT: 2.44 min Scan# 254  
 Delta R.T. 0.01 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 318027 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.3  | 24.6  | 36.8   |





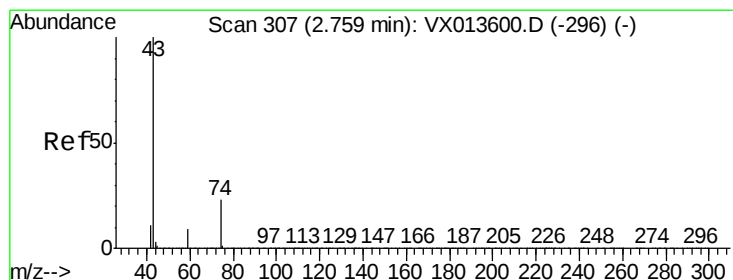
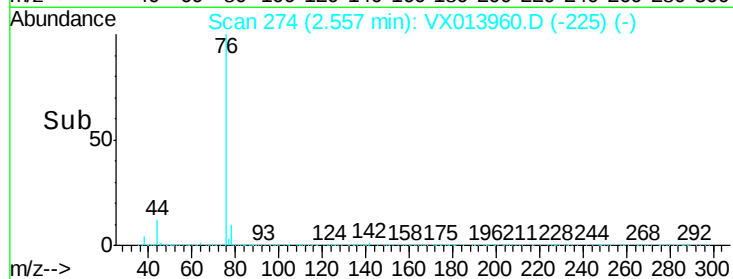
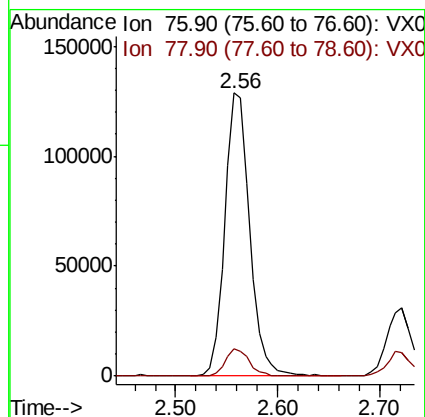
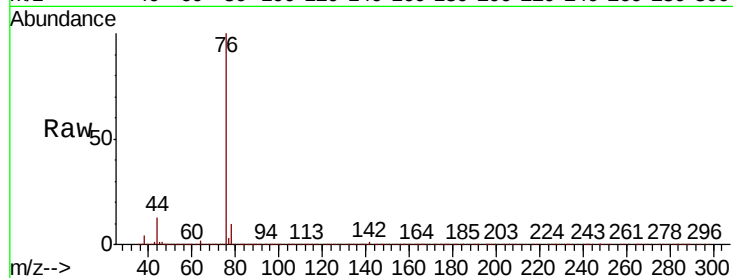
#17  
Carbon Disulfide  
Concen: 15.291 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.2   | 10.8  |

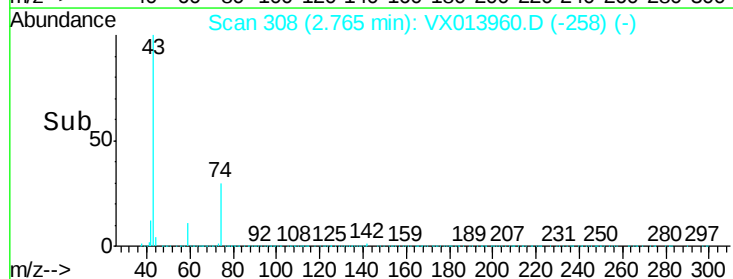
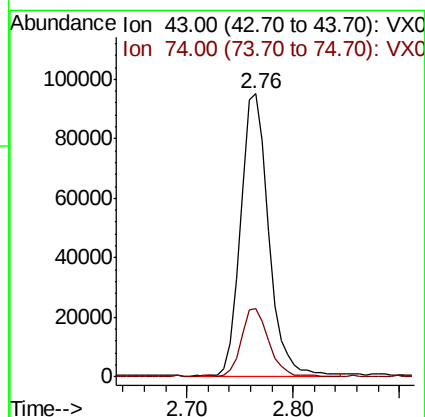
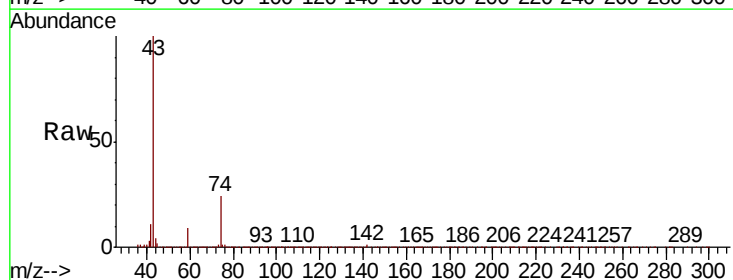
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#18  
Methyl Acetate  
Concen: 20.993 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.5  | 19.5  | 29.3  |





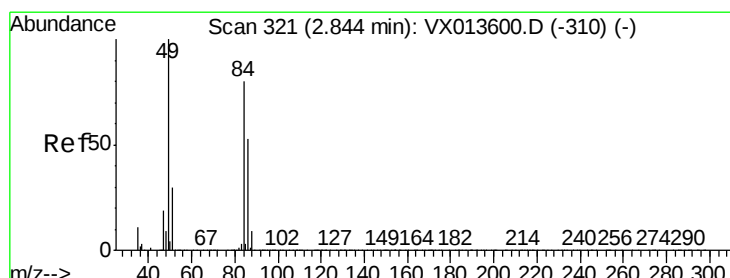
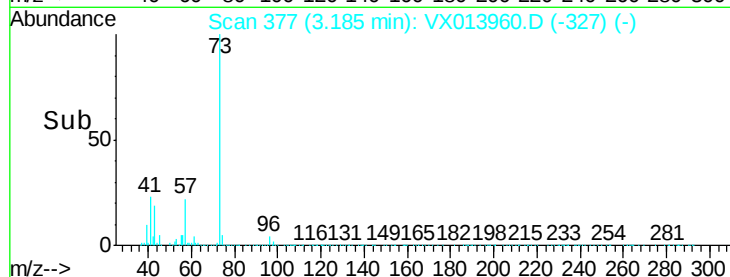
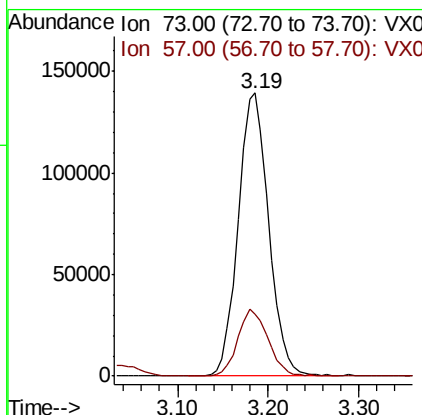
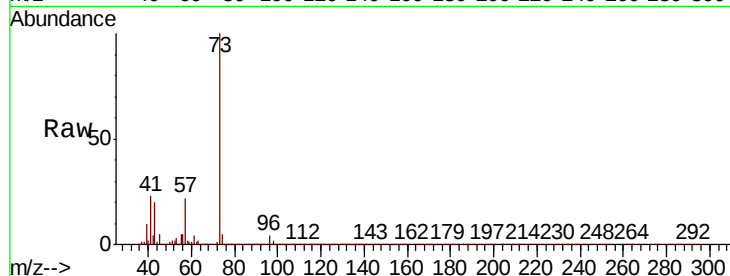
#19  
Methyl tert-butyl Ether  
Concen: 19.630 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.8  | 18.3  | 27.5  |

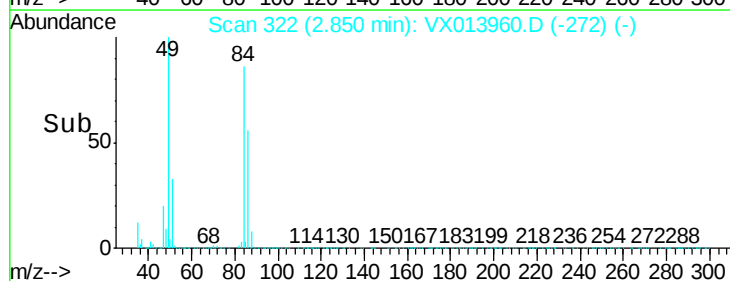
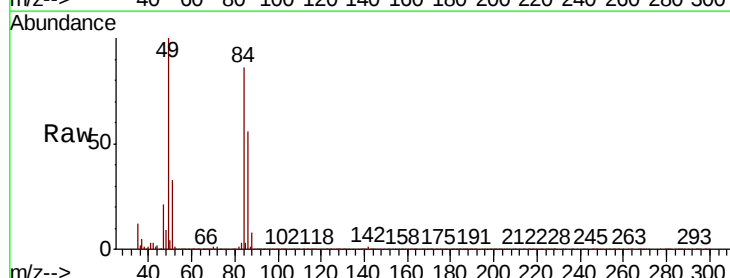
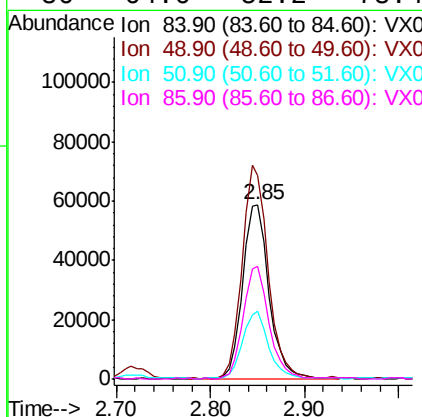
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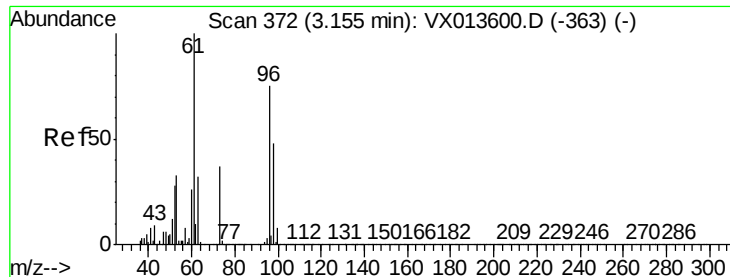
apatel  
12/12/2019 9:26:53 AM



#20  
Methylene Chloride  
Concen: 19.936 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 116.6 | 99.7  | 149.5 |
| 51      | 38.3  | 29.9  | 44.9  |
| 86      | 64.6  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 18.109 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

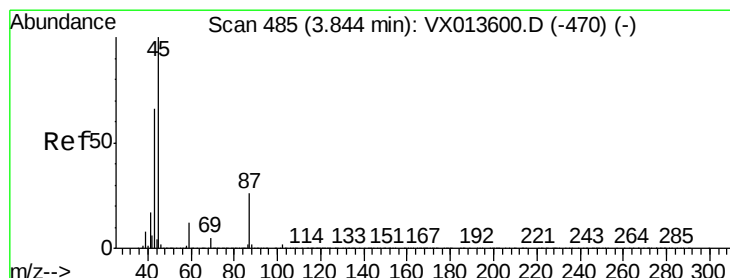
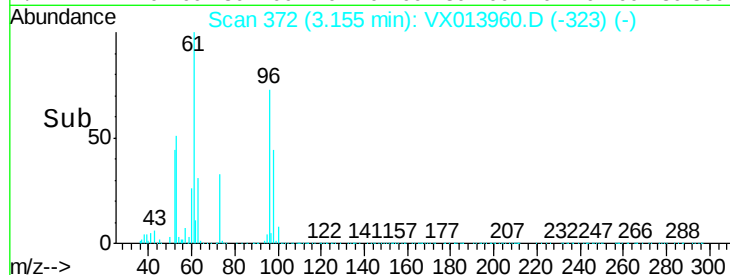
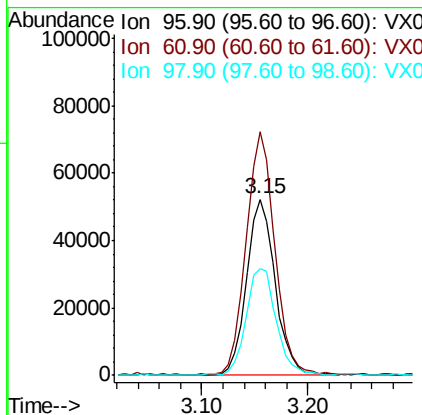
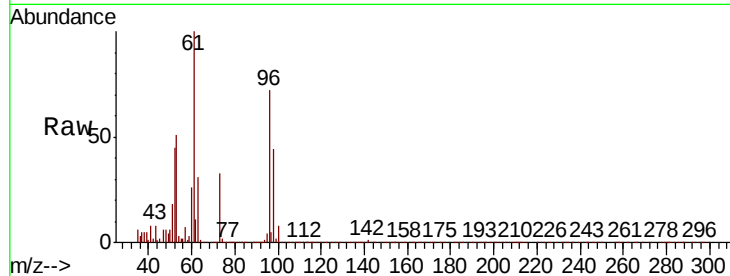
ClientSampleId :

VX1211WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 98222 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 138.2 | 107.2 | 160.8 |
| 98       | 60.9  | 51.4  | 77.0  |

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12/12/2019 9:26:53 AM



#22

Diisopropyl ether

Concen: 20.855 ug/l

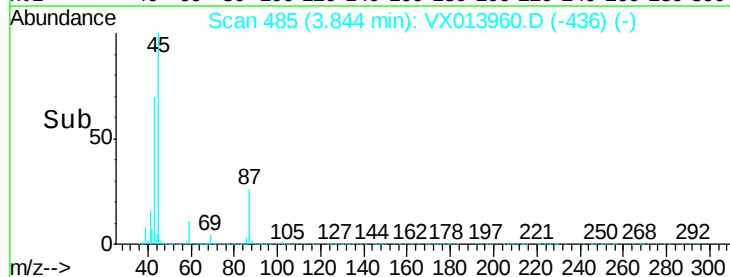
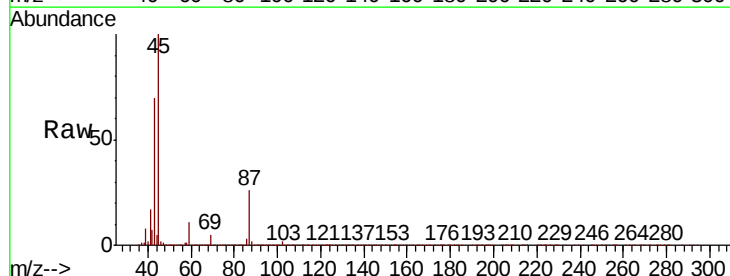
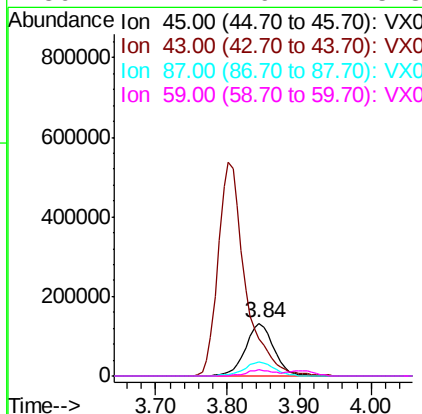
RT: 3.84 min Scan# 485

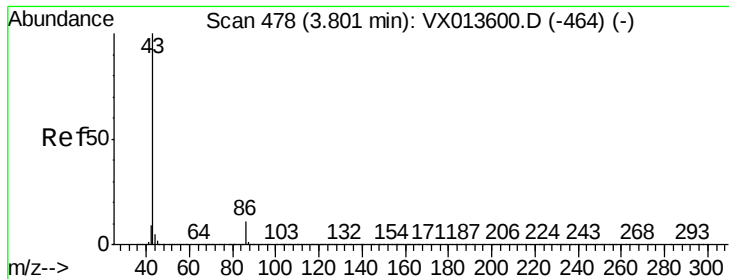
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 362833 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 70.4  | 52.6  | 79.0   |
| 87       | 25.7  | 21.1  | 31.7   |
| 59       | 11.2  | 9.2   | 13.8   |





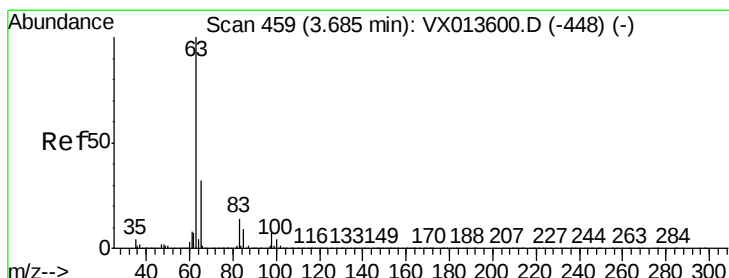
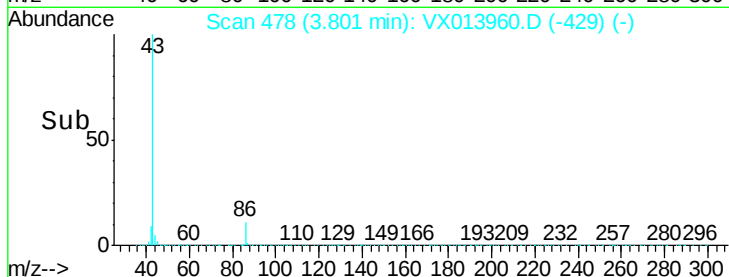
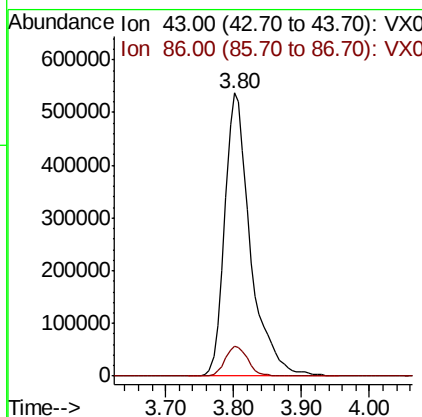
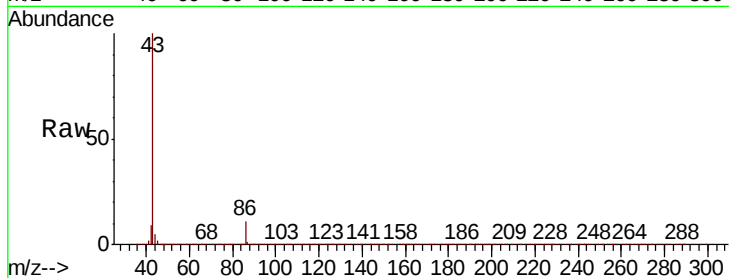
#23  
 Vinyl Acetate  
 Concen: 97.167 ug/l  
 RT: 3.80 min Scan# 478  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

Tot Ion: 43 Resp: 1406297  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.7 13.1

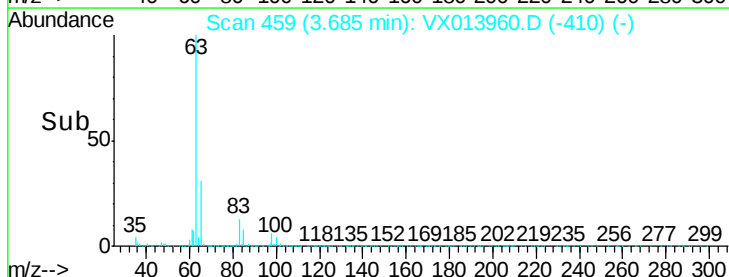
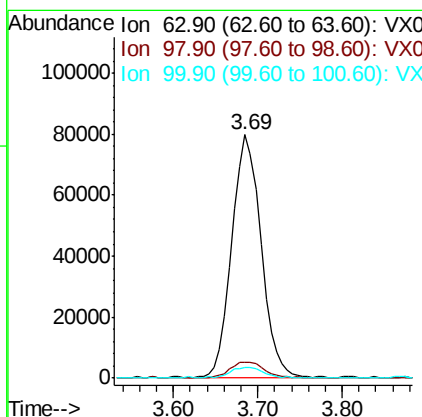
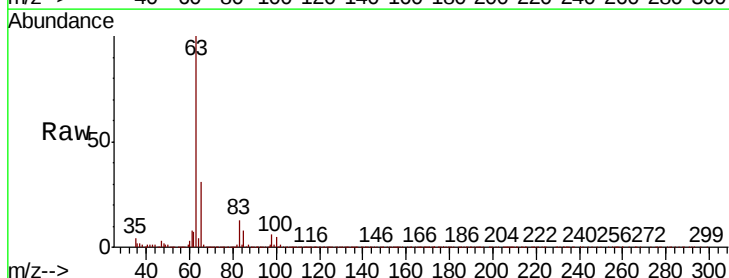
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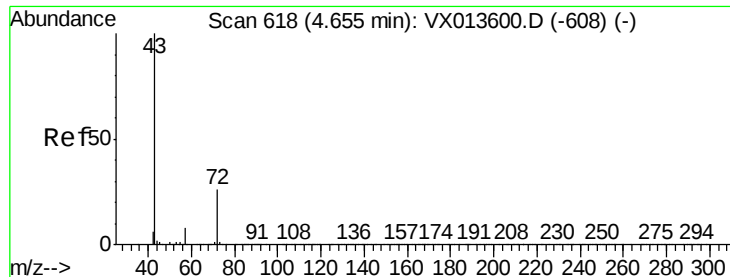
apatel  
 12/12/2019 9:26:53 AM



#24  
 1,1-Dichloroethane  
 Concen: 19.725 ug/l  
 RT: 3.69 min Scan# 459  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Tgt Ion: 63 Resp: 187597  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.4  
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 97.755 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 43 Resp: 435583

Ion Ratio Lower Upper

43 100

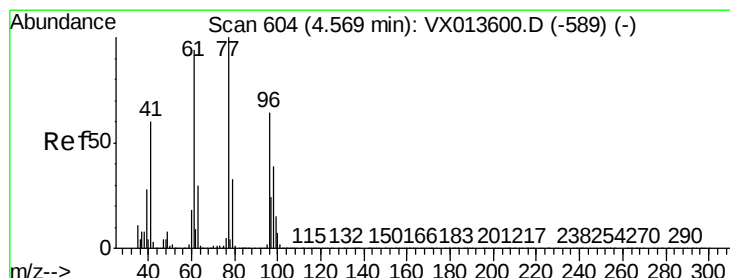
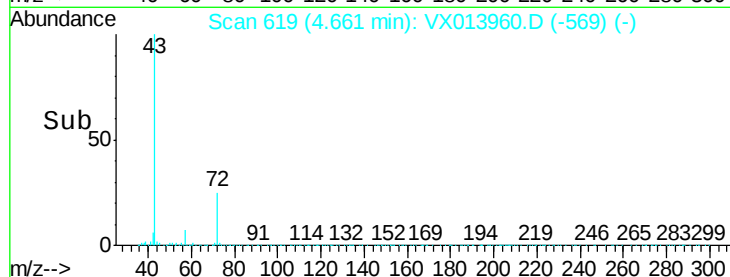
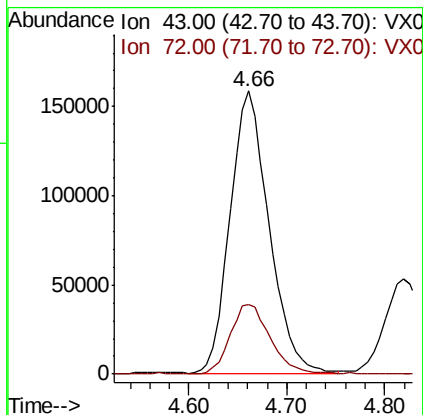
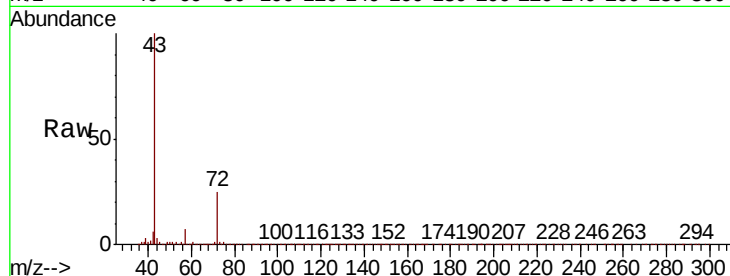
72 24.4 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 16.550 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013960.D

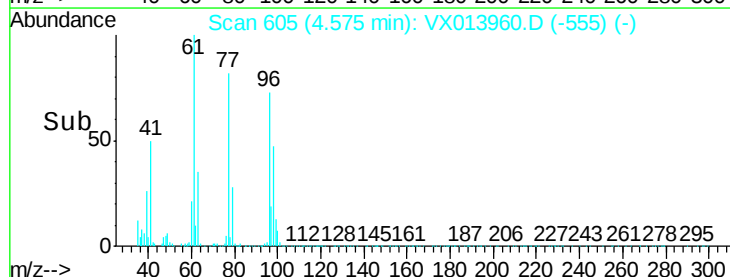
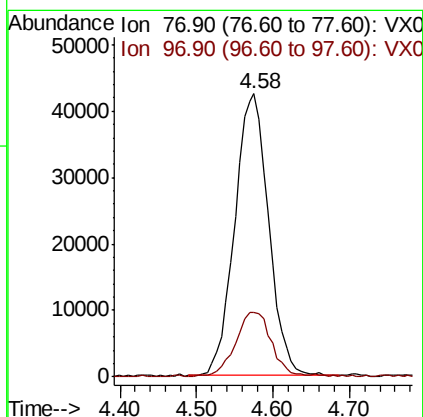
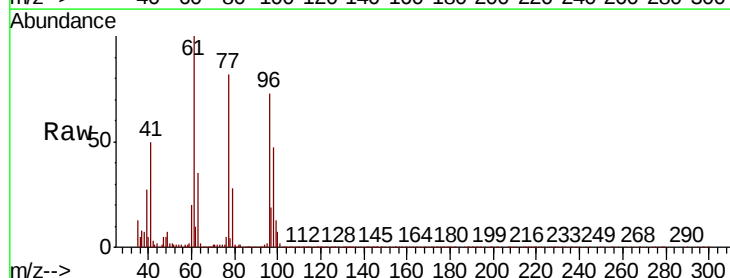
Acq: 11 Dec 2019 22:57

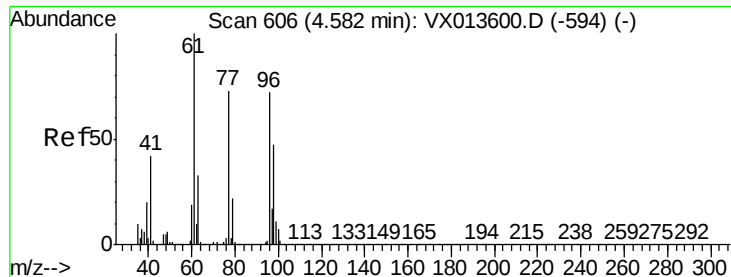
Tgt Ion: 77 Resp: 130233

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

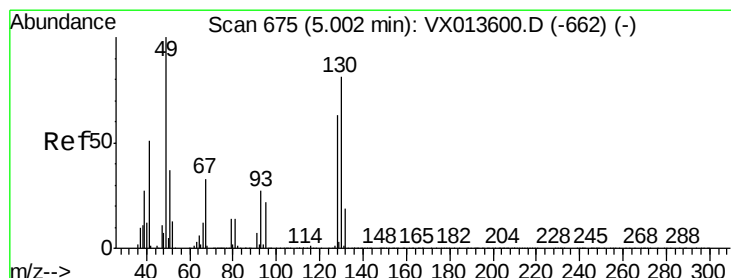
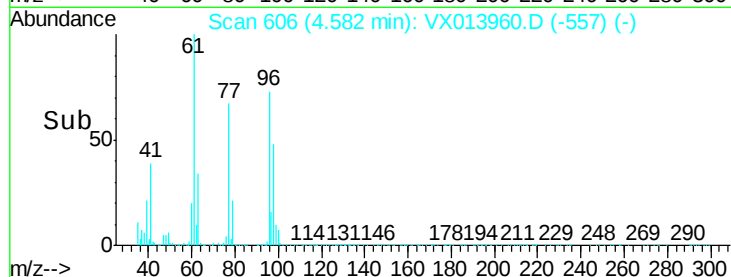
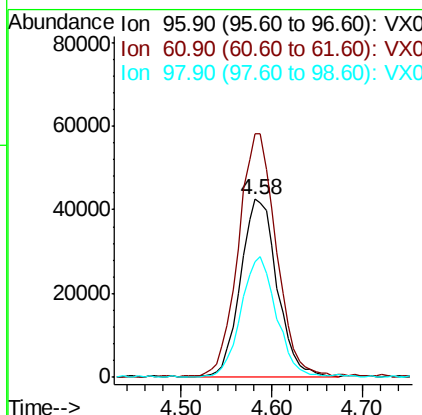
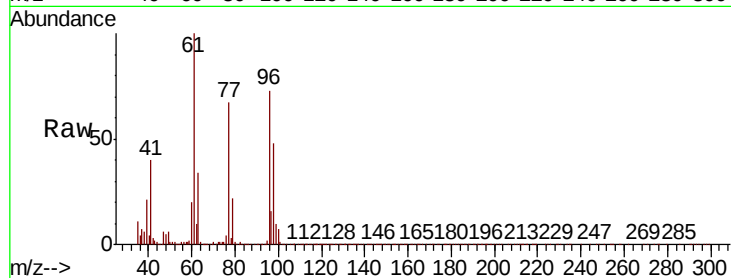
cis-1,2-Dichloroethene  
Concen: 18.958 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 118084 |       |       |
| 61      | 141.3 | 0.0    | 286.4 |       |
| 98      | 66.2  | 0.0    | 127.4 |       |

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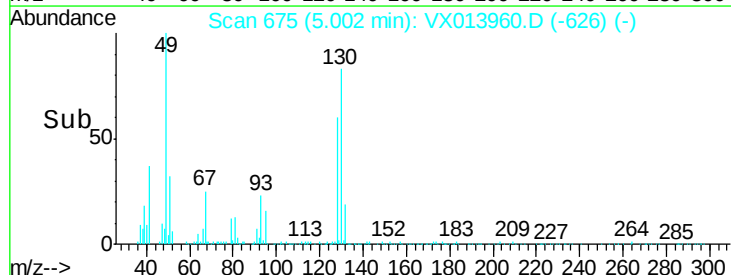
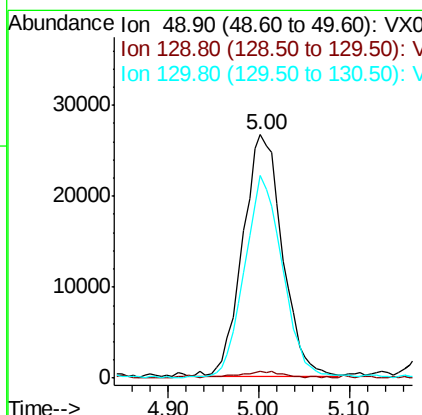
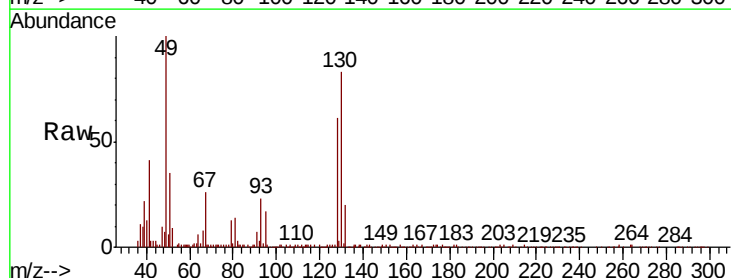
apatel  
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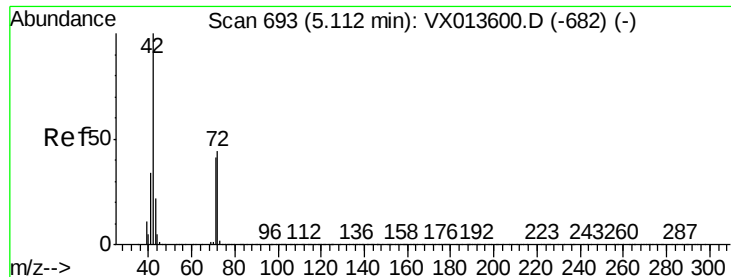


#28

Bromochloromethane  
Concen: 21.392 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 80428 |       |       |
| 129     | 3.0   | 0.0   | 5.0   |       |
| 130     | 79.3  | 65.4  | 98.0  |       |





#29

Tetrahydrofuran

Concen: 97.921 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

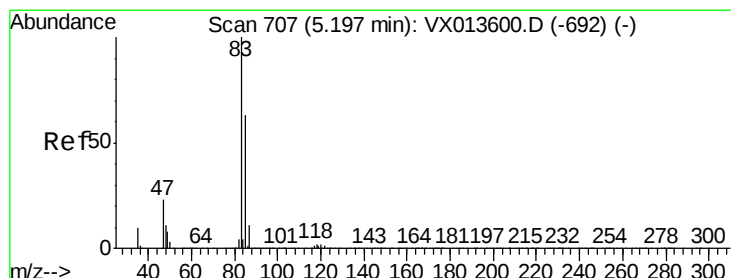
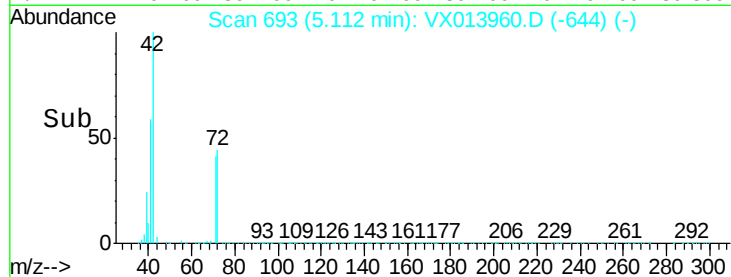
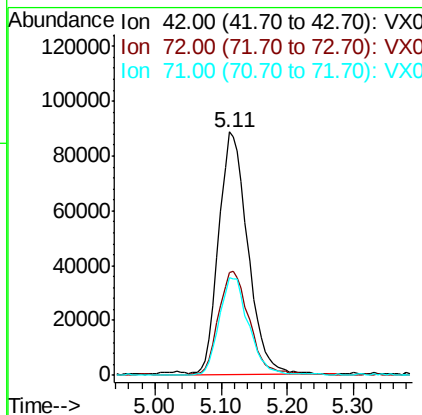
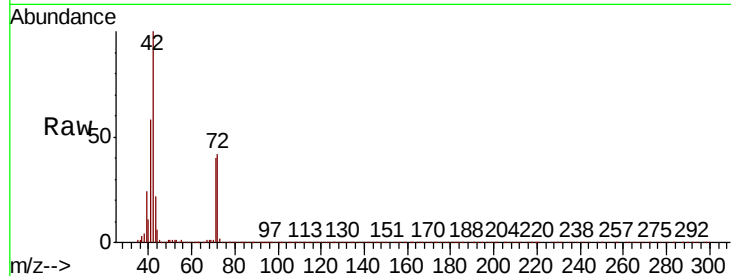
ClientSampleId :

VX1211WBSD02

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 268980 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 45.3 | 36.3  | 54.5   |
| 71        | 40.7 | 33.2  | 49.8   |

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#30

Chloroform

Concen: 19.643 ug/l

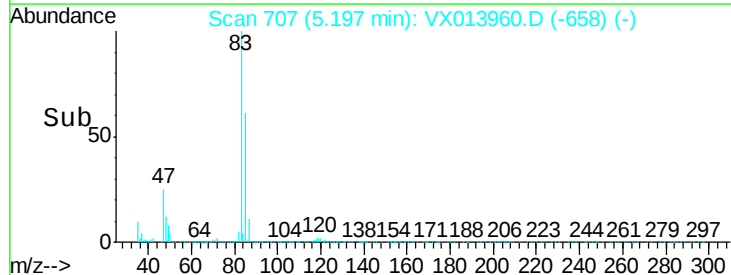
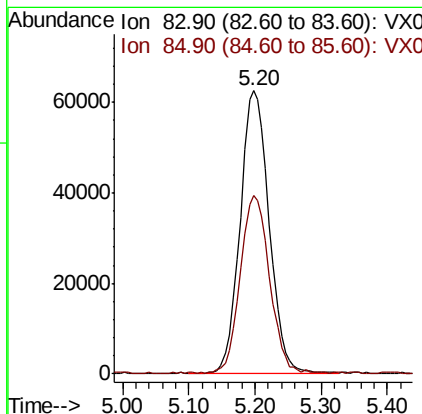
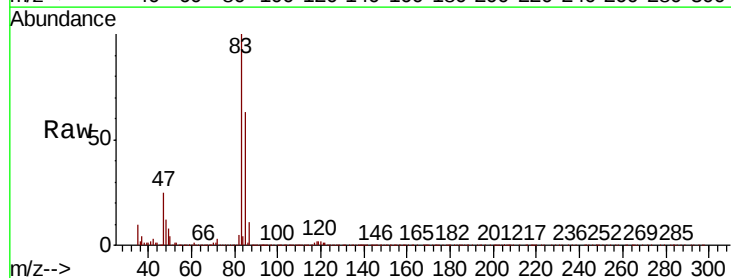
RT: 5.20 min Scan# 707

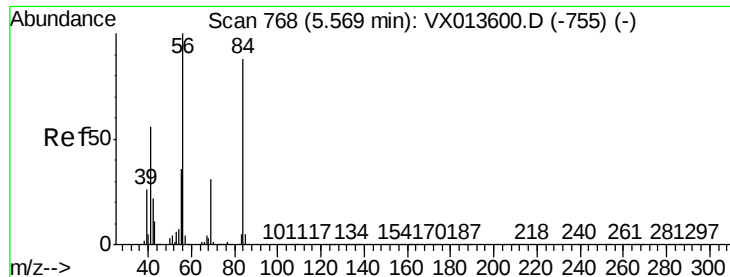
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 189464 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 62.9 | 50.2  | 75.4   |





#31

Cyclohexane

Concen: 17.510 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

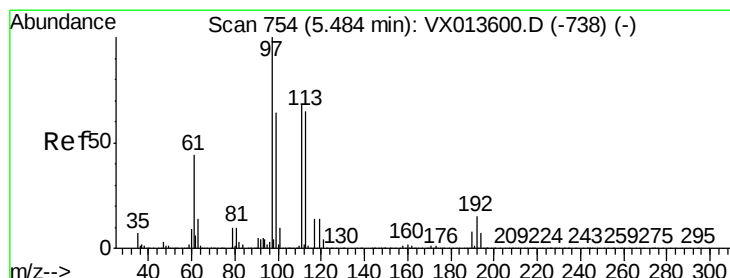
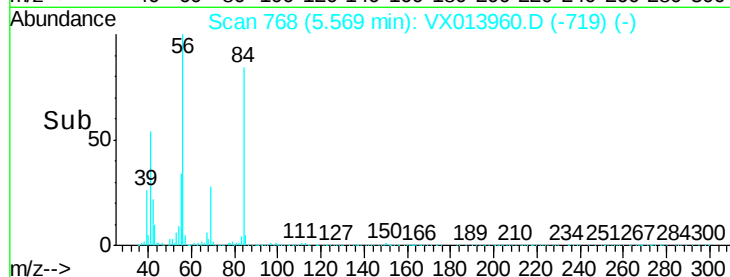
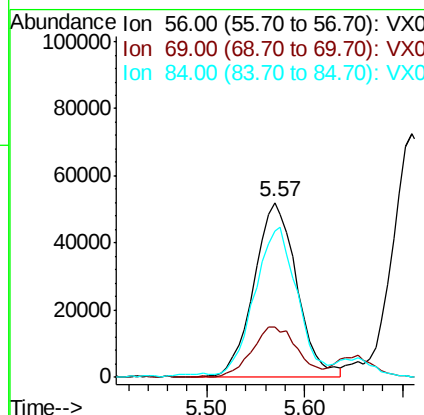
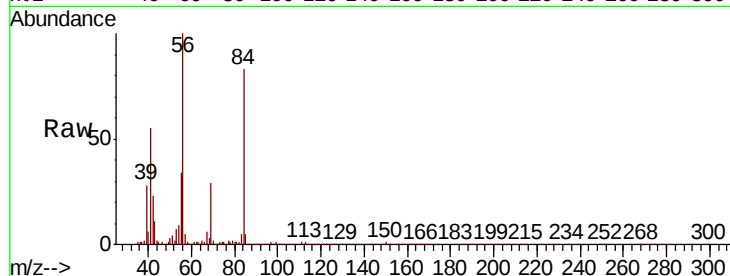
ClientSampleId :

VX1211WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 157076 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 27.9  | 24.6  | 36.8   |
| 84       | 81.6  | 70.0  | 105.0  |

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#32

1,1,1-Trichloroethane

Concen: 18.950 ug/l

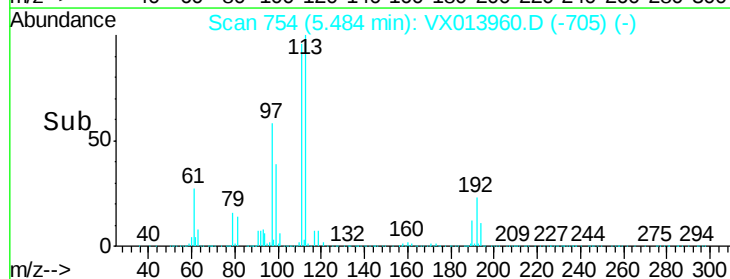
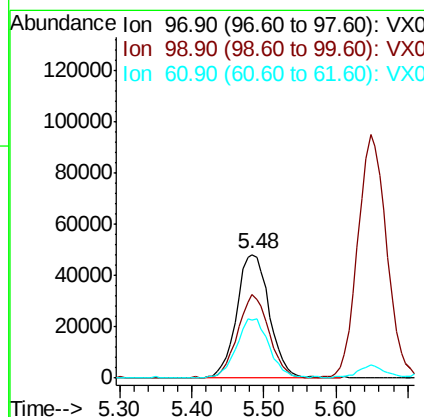
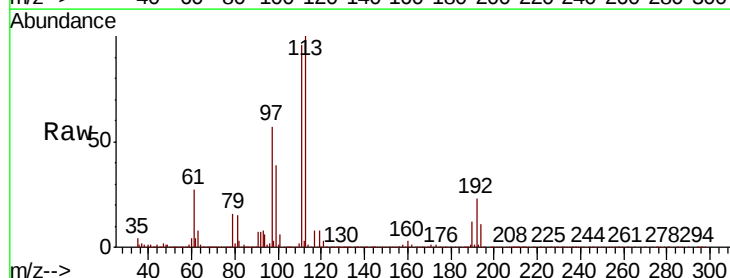
RT: 5.48 min Scan# 754

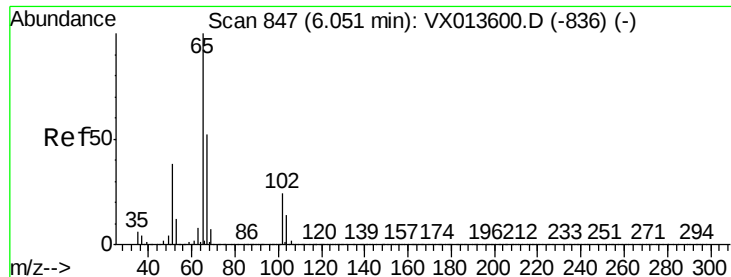
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 152744 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.0  | 51.6  | 77.4   |
| 61       | 46.9  | 36.1  | 54.1   |





#33

1,2-Dichloroethane-d4

Concen: 47.408 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 65 Resp: 287895

Ion Ratio Lower Upper

65 100

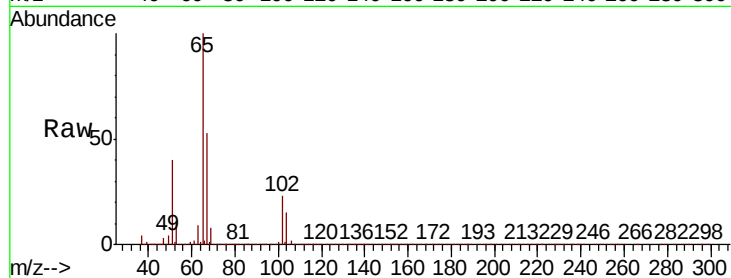
67 53.0 0.0 104.4

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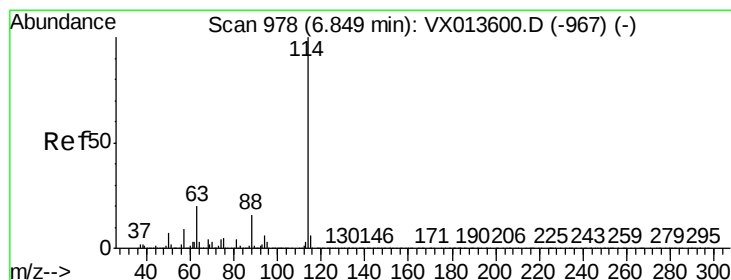
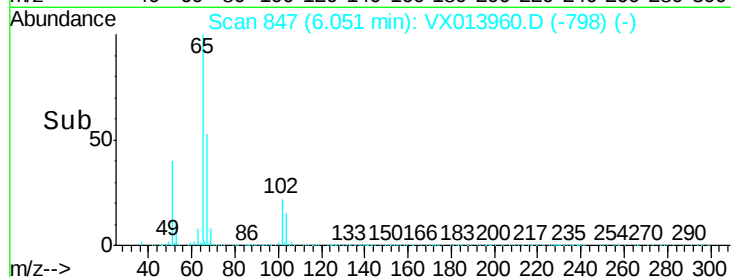
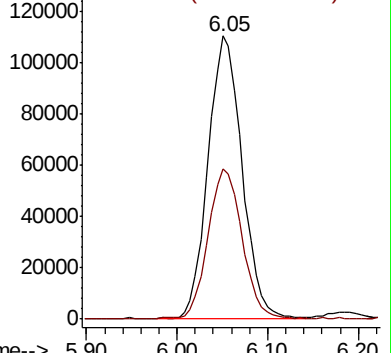
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

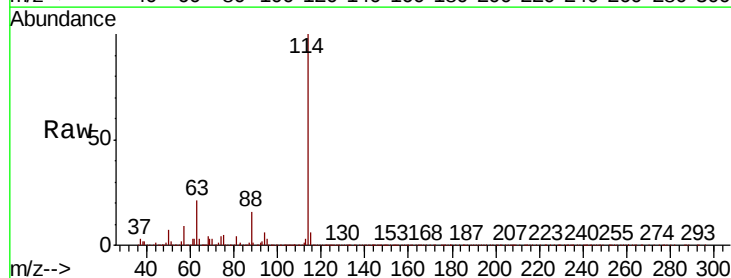
Tgt Ion: 114 Resp: 803780

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

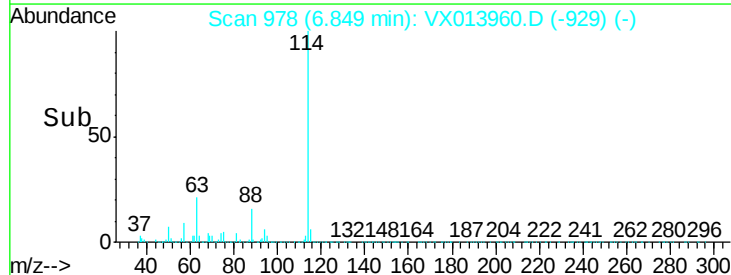
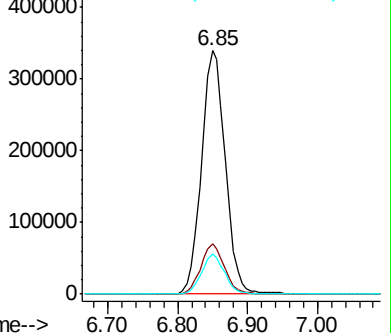
88 16.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





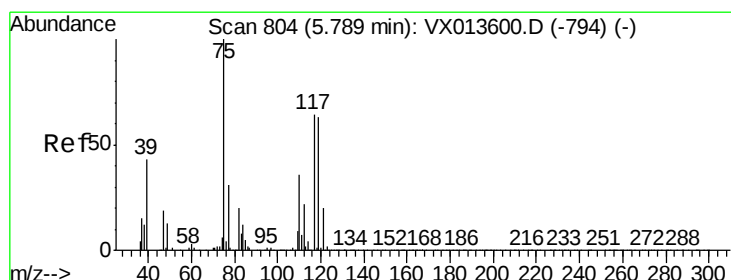
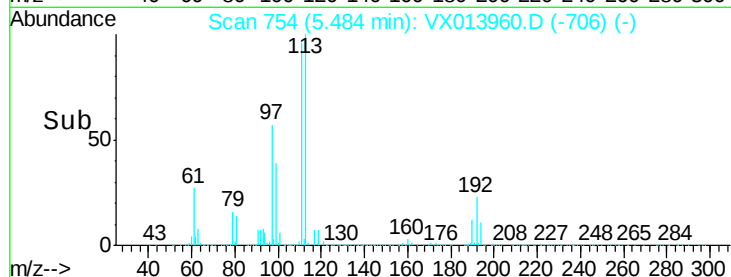
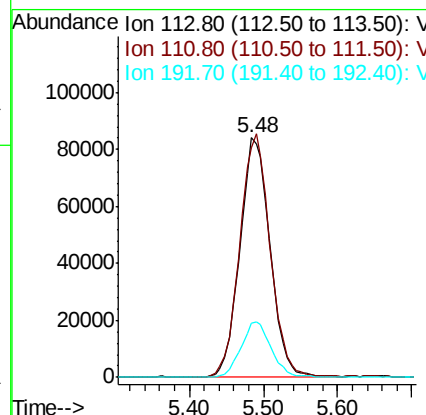
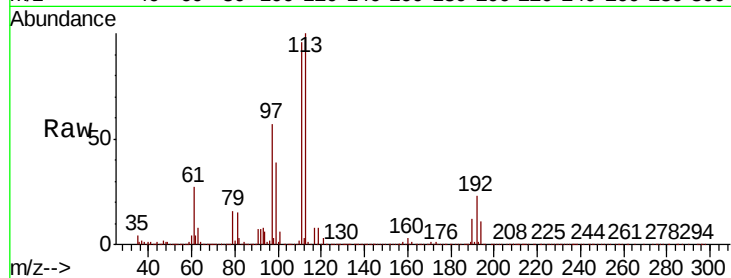
#35  
Dibromofluoromethane  
Concen: 48.227 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 239642 |       |       |
| 111     | 101.5 | 83.6   | 125.4 |       |
| 192     | 23.4  | 19.2   | 28.8  |       |

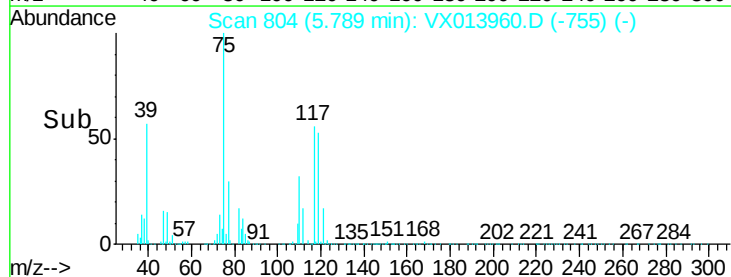
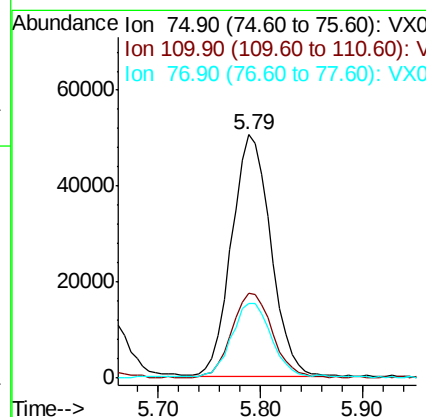
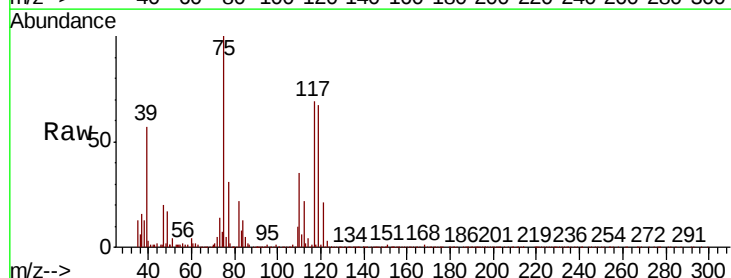
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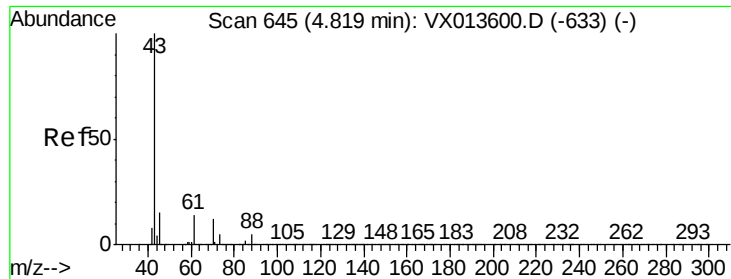
apatel  
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#36  
1,1-Dichloropropene  
Concen: 18.466 ug/l  
RT: 5.79 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 134735 |       |       |
| 110     | 36.0  | 18.1   | 54.1  |       |
| 77      | 30.5  | 24.5   | 36.7  |       |





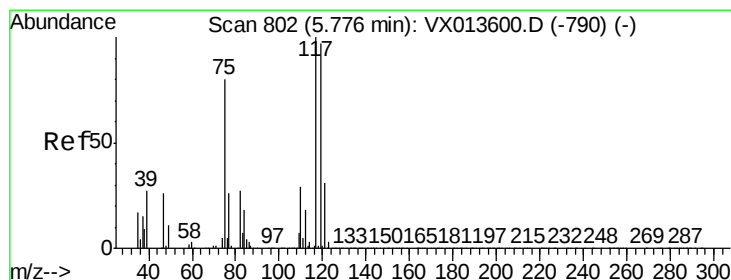
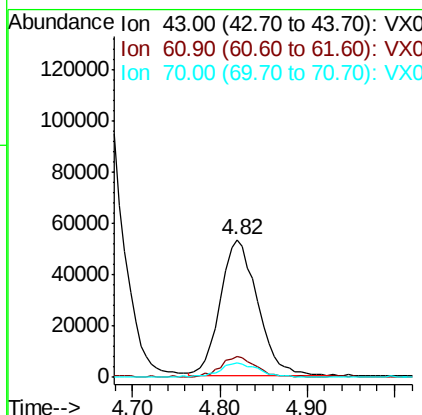
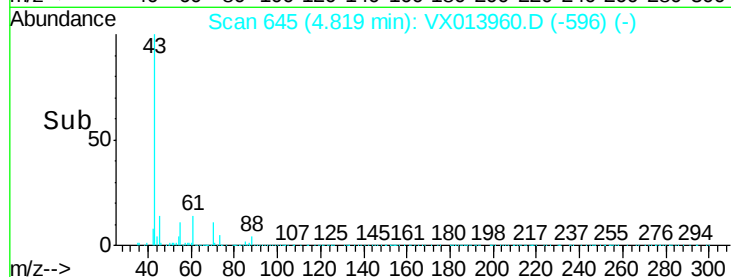
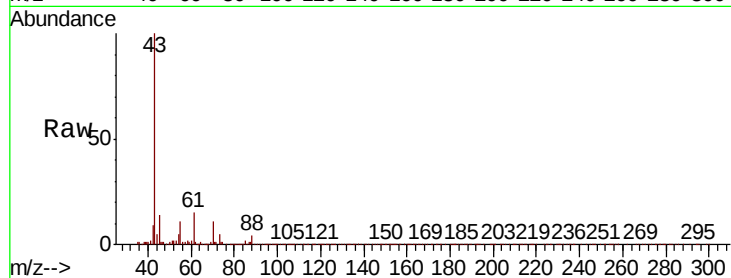
#37  
Ethyl Acetate  
Concen: 19.204 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 157192 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.5  | 11.0  | 16.4   |
| 70       | 10.1  | 8.6   | 12.8   |

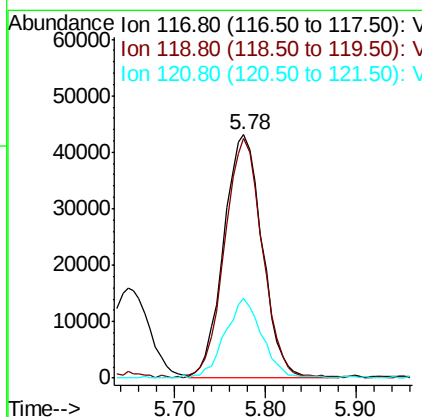
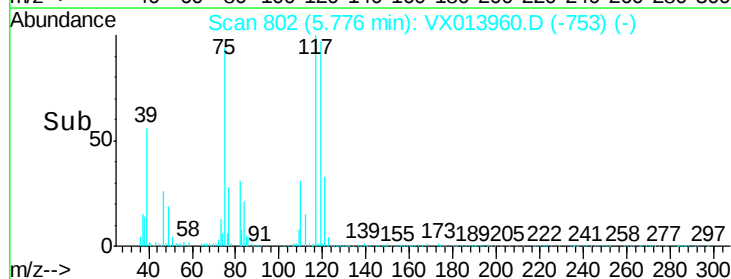
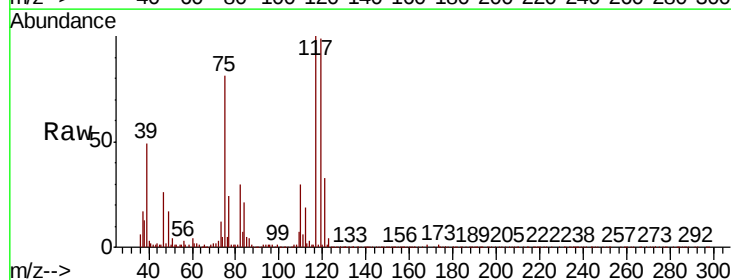
Manual Integrations  
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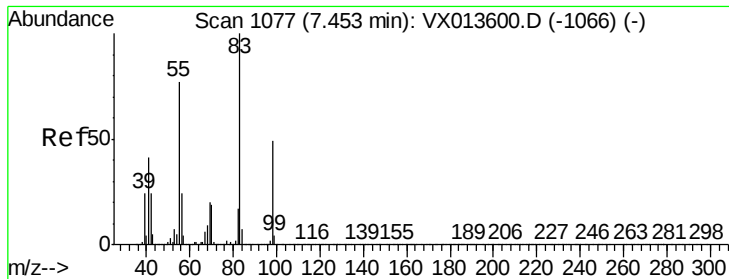
apatel  
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#38  
Carbon Tetrachloride  
Concen: 18.754 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 126176 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.2  | 77.5  | 116.3  |
| 121      | 32.5  | 25.0  | 37.6   |





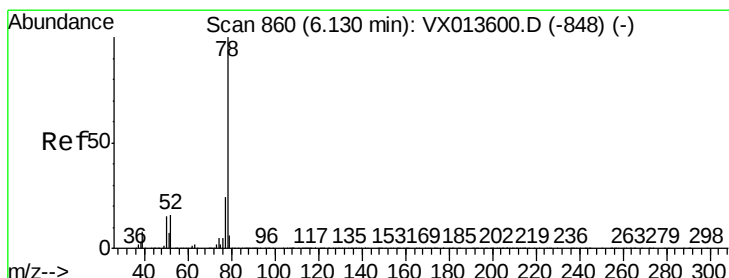
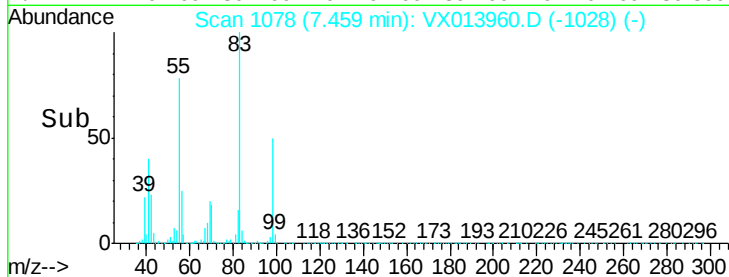
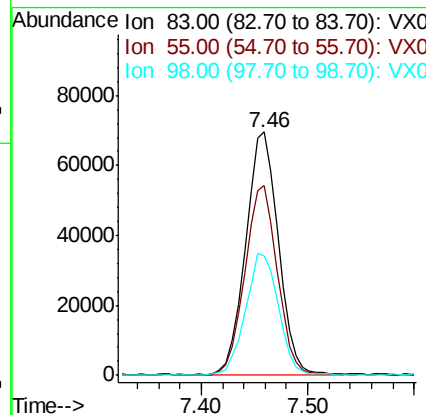
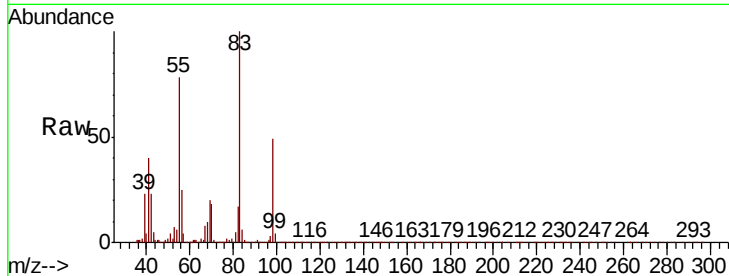
#39  
Methvlcvclohexane  
Concen: 16.576 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.6  | 61.9  | 92.9  |
| 98      | 49.5  | 39.4  | 59.0  |

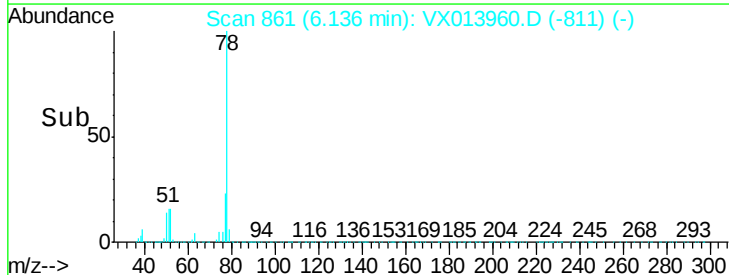
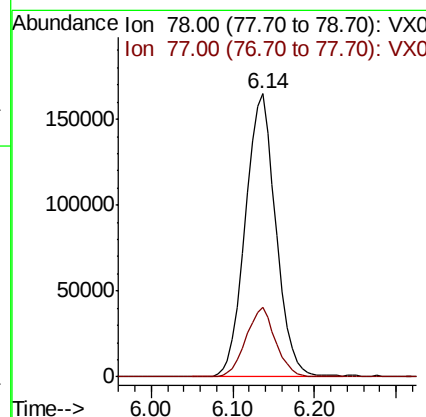
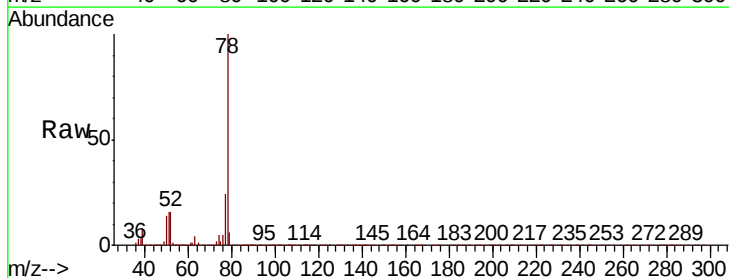
Manual Integrations  
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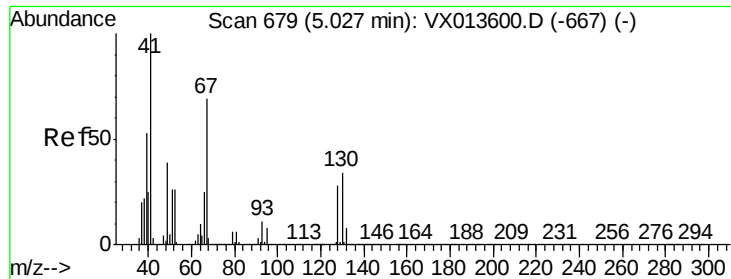
apatel  
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#40  
Benzene  
Concen: 19.253 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.3  | 19.0  | 28.4  |





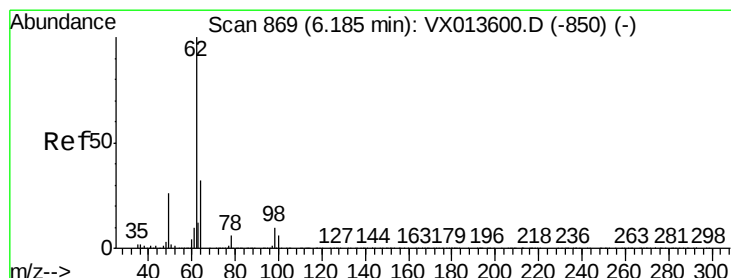
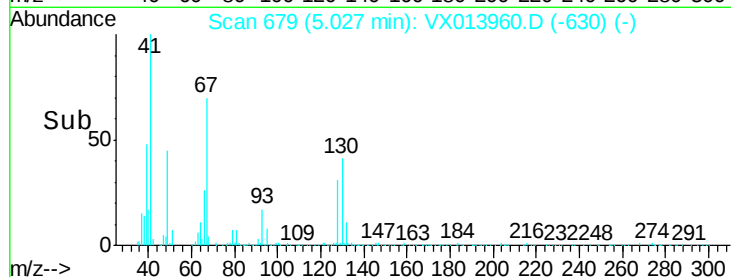
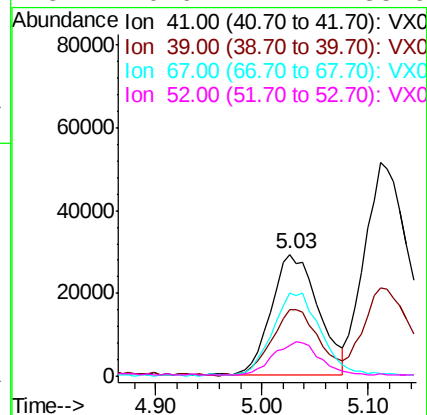
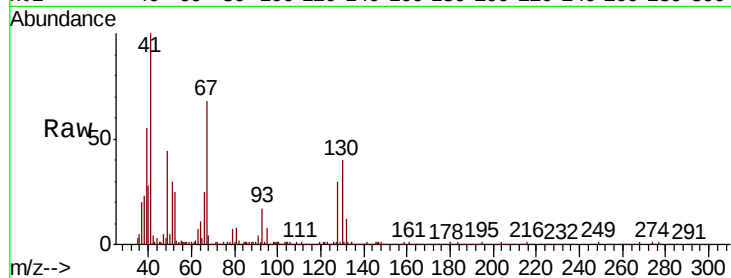
#41  
Methacrylonitrile  
Concen: 20.135 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.7 | 42.9  | 64.3  |       |
| 67      | 69.7 | 57.4  | 86.0  |       |
| 52      | 26.6 | 22.4  | 33.6  |       |

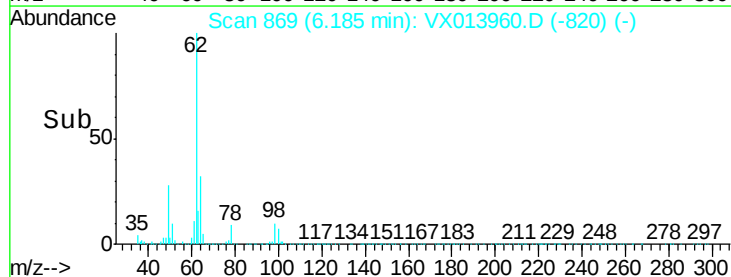
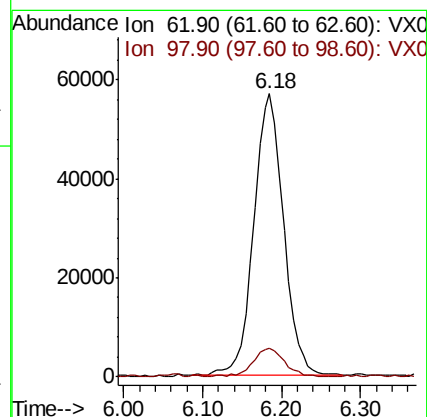
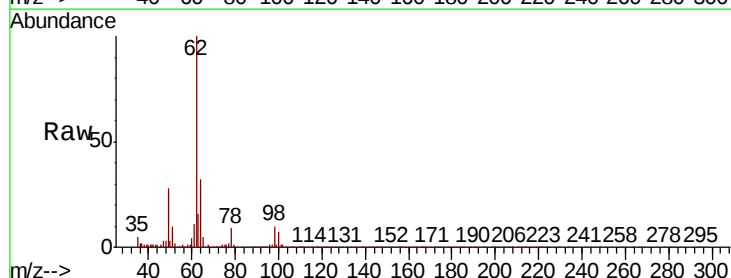
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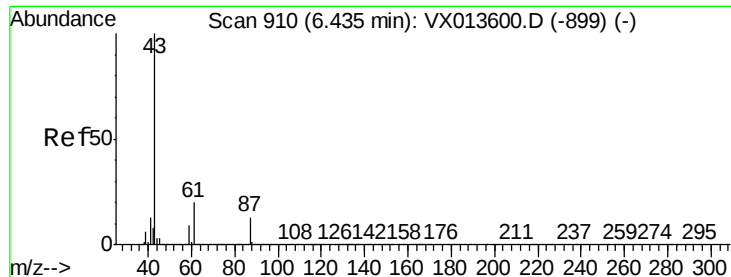
apatel  
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#42  
1,2-Dichloroethane  
Concen: 19.718 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 11.0 | 0.0   | 20.8  |       |





#43

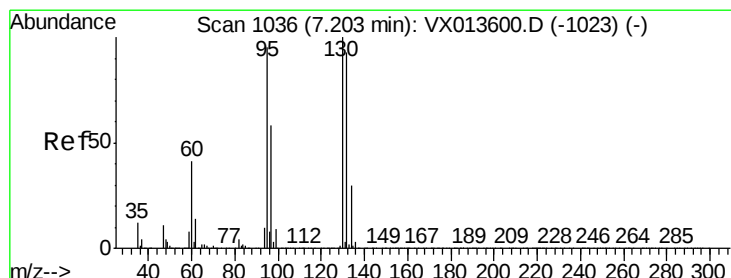
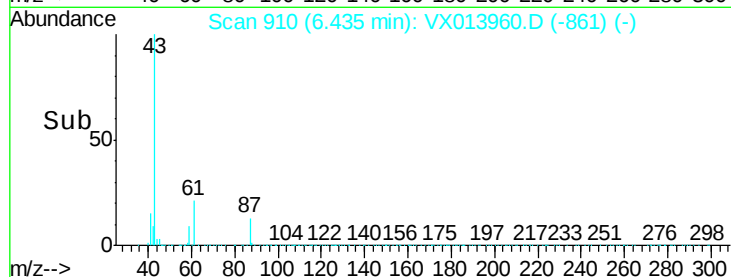
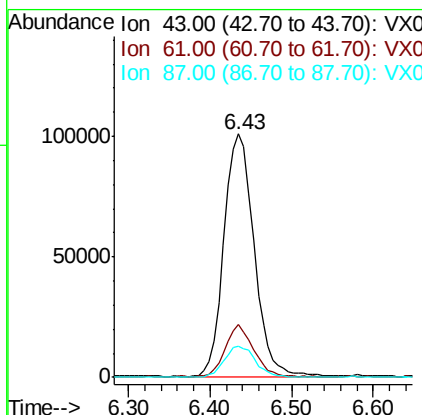
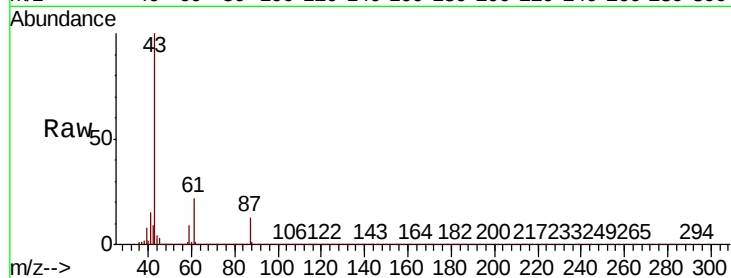
Isopropyl Acetate  
 Concen: 19.108 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion   | 43    | Resp  | 257488 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 20.2  | 16.3  | 24.5   |
| 87        | 13.0  | 10.8  | 16.2   |

Manual Integrations  
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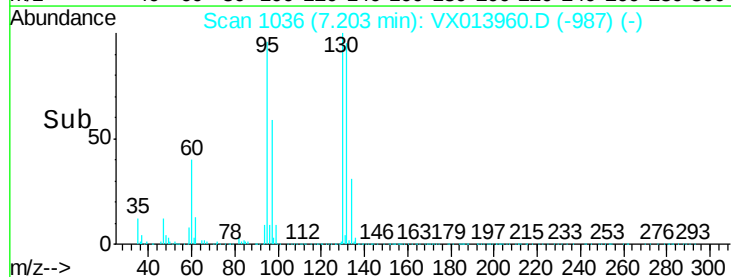
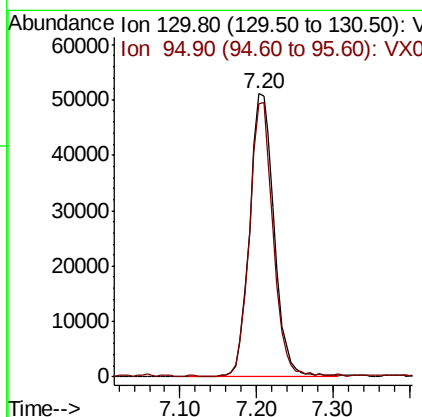
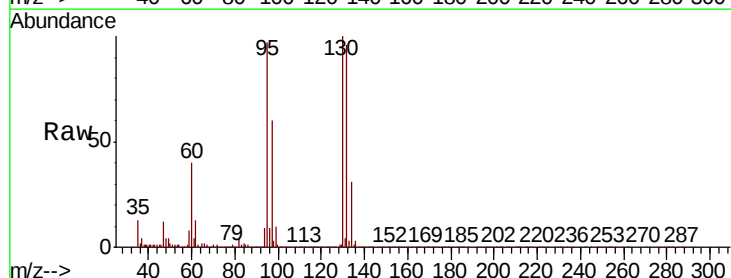
apatel  
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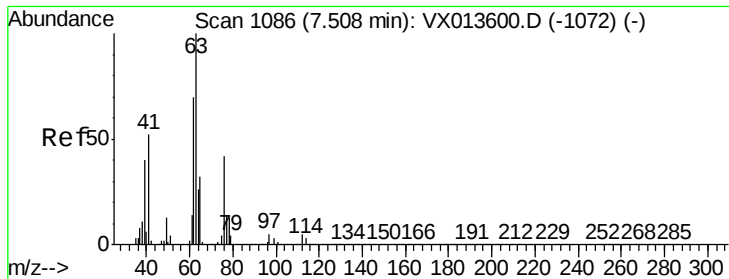


#44

Trichloroethene  
 Concen: 18.759 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion   | 130   | Resp  | 114405 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 96.3  | 0.0   | 190.8  |





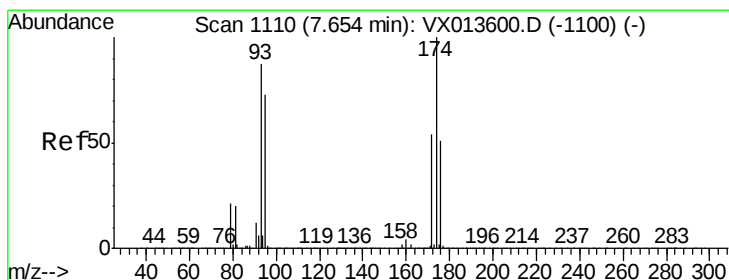
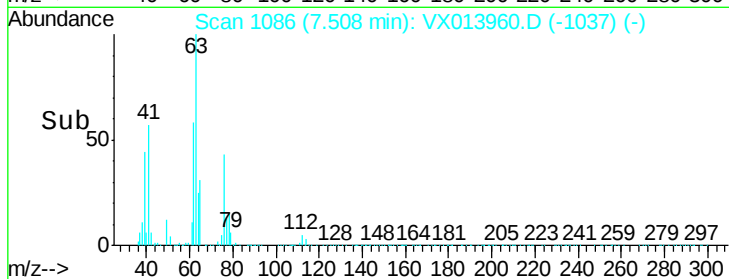
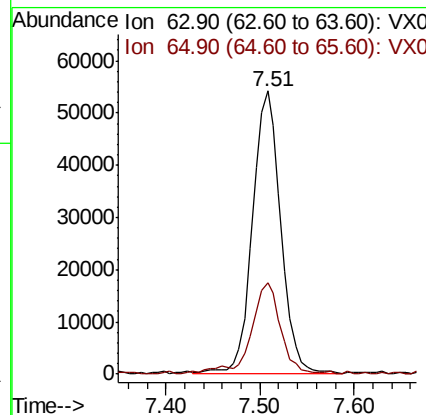
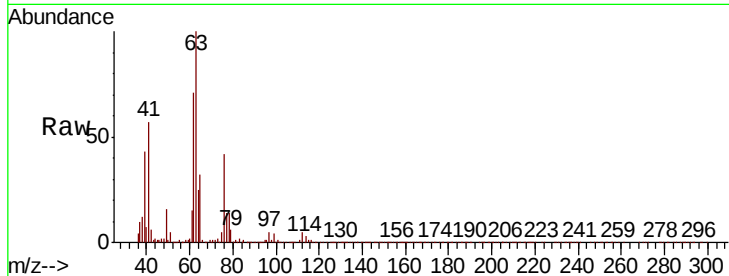
#45  
 1,2-Dichloropropane  
 Concen: 20.704 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.8  | 25.5  | 38.3  |

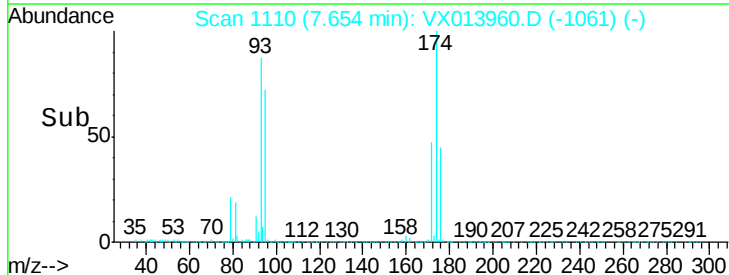
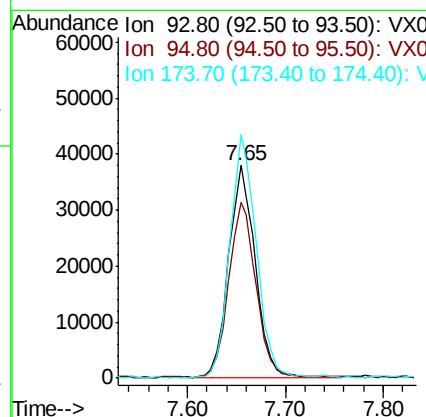
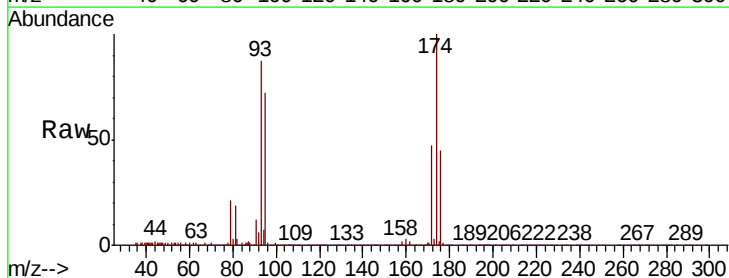
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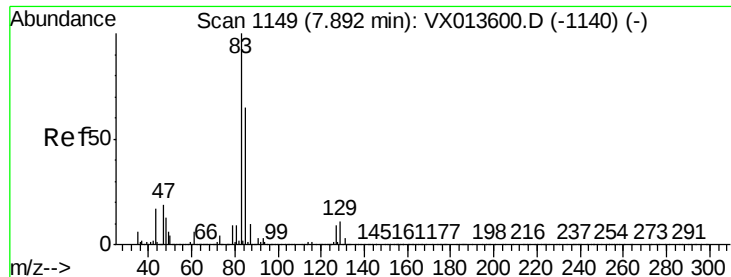
apatel  
 12/12/2019 9:26:53 AM



#46  
 Dibromomethane  
 Concen: 18.979 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 85.4  | 66.2  | 99.2  |
| 174     | 113.4 | 93.4  | 140.0 |





#47

Bromodichloromethane

Concen: 19.120 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

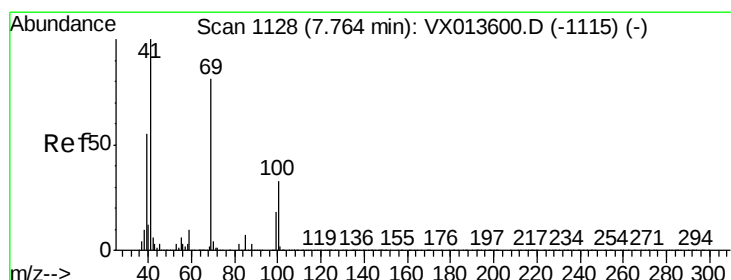
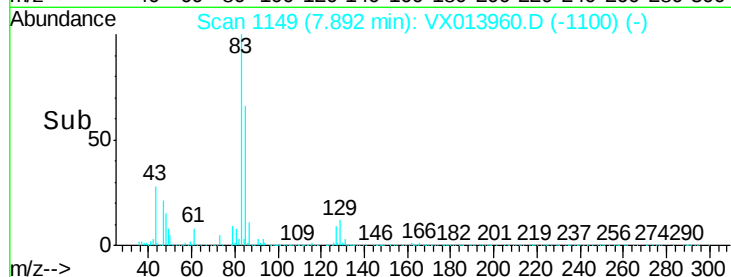
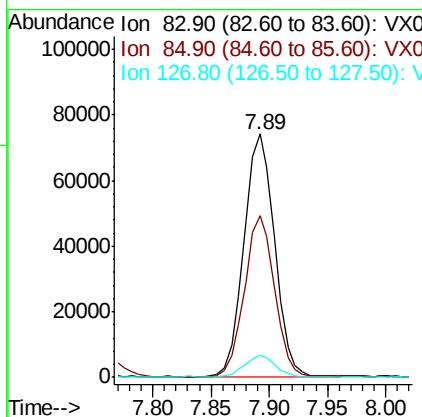
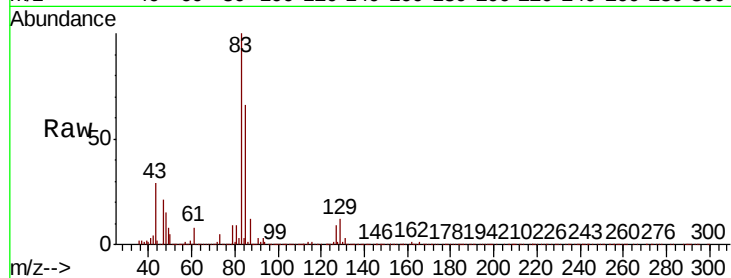
ClientSampleId :

VX1211WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 136490 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.4  | 52.1  | 78.1   |
| 127      | 8.8   | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 19.389 ug/l

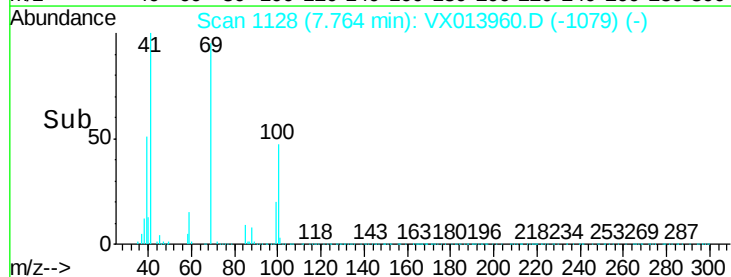
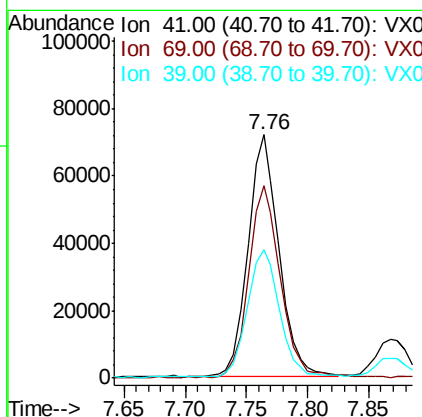
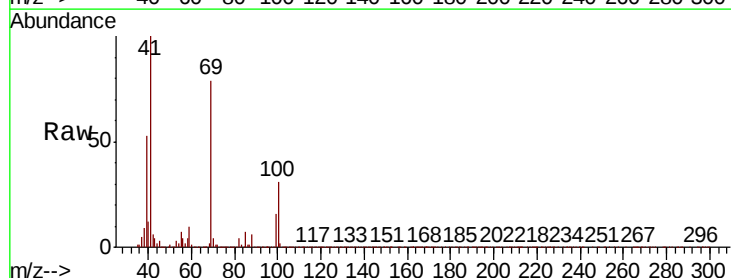
RT: 7.76 min Scan# 1128

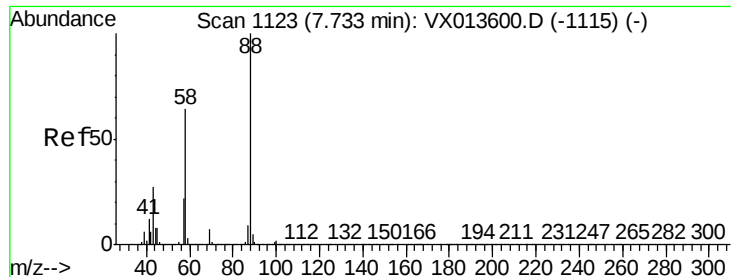
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 126949 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.8  | 64.7  | 97.1   |
| 39       | 54.4  | 43.8  | 65.6   |





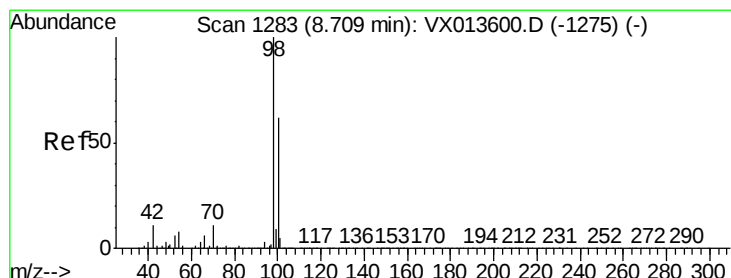
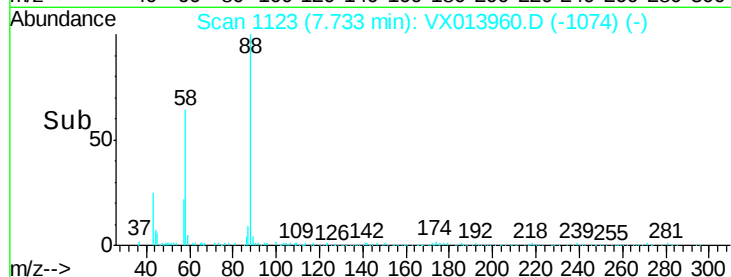
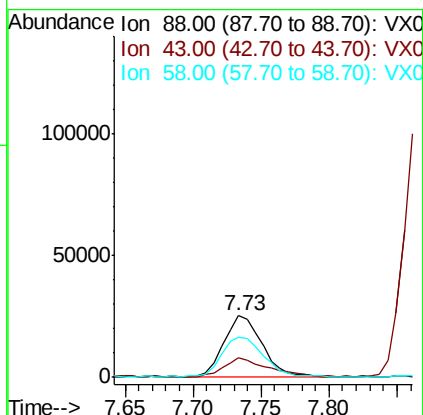
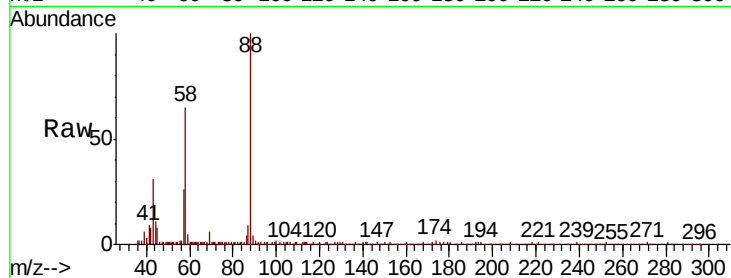
#49  
1,4-Dioxane  
Concen: 337.593 ug/l  
RT: 7.73 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.5  | 25.8  | 38.6  |
| 58      | 70.9  | 54.6  | 82.0  |

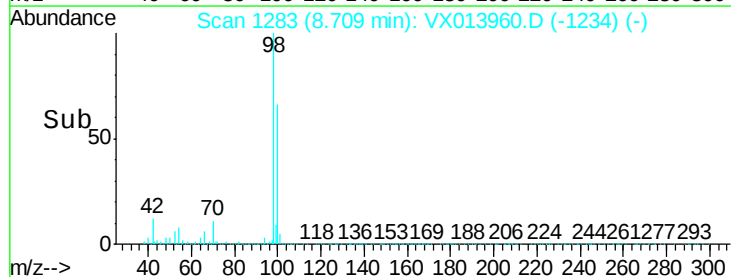
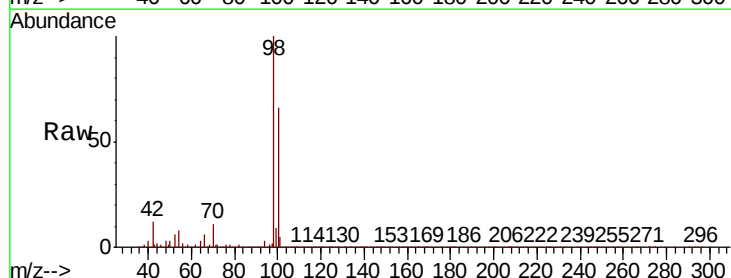
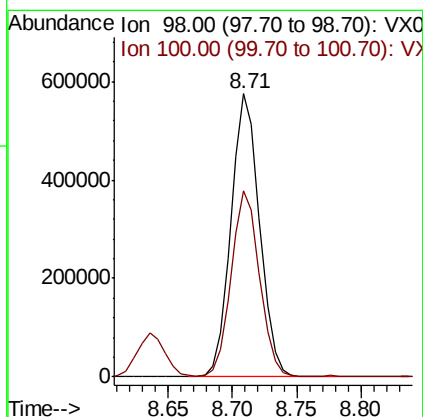
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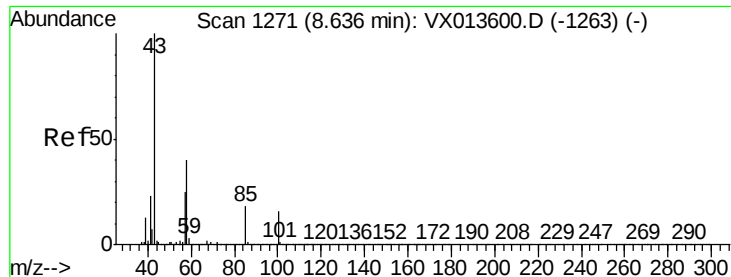
apatel  
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#50  
Toluene-d8  
Concen: 45.857 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 53.1  | 79.7  |





#51

4-Methyl-2-Pentanone

Concen: 99.941 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 43 Resp: 847148

Ion Ratio Lower Upper

43 100

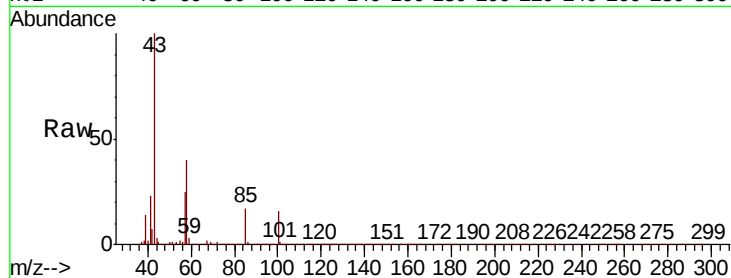
58 39.2 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

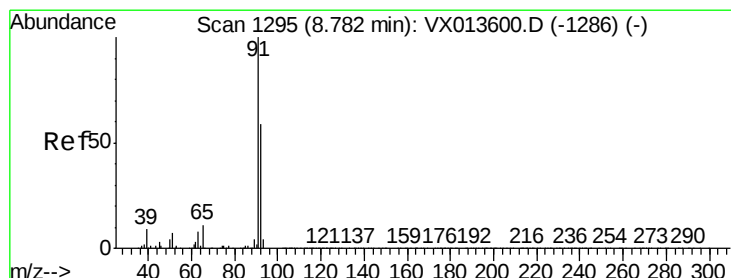
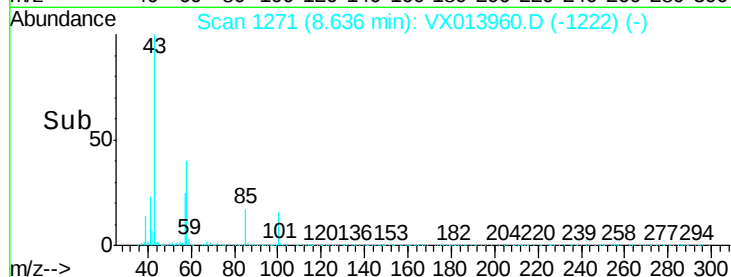
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.611 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013960.D

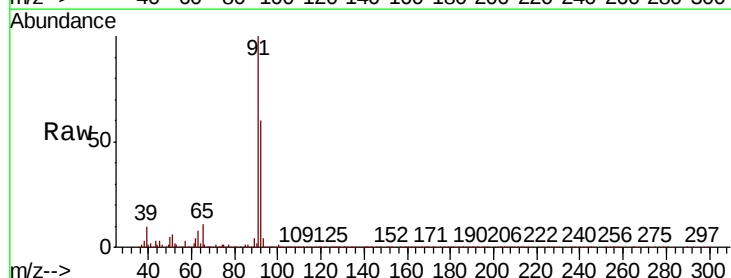
Acq: 11 Dec 2019 22:57

Tgt Ion: 92 Resp: 270731

Ion Ratio Lower Upper

92 100

91 169.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

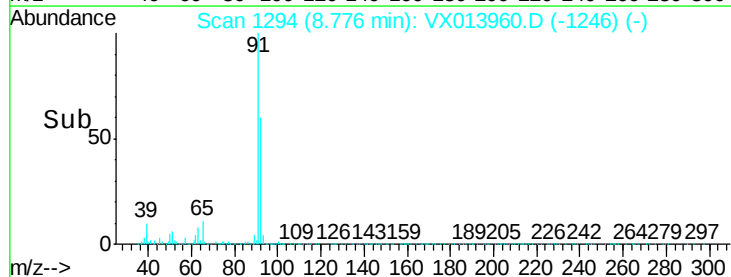
300000

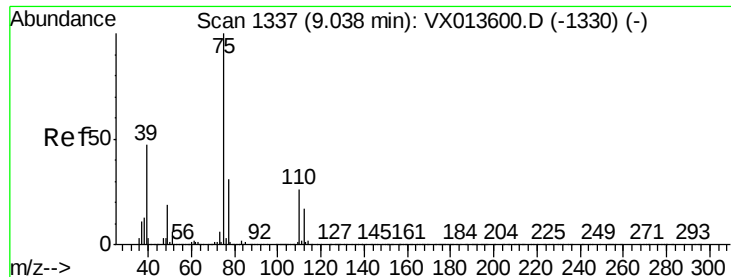
200000

100000

0

Time--> 8.70 8.75 8.80 8.85 8.90





#53

t-1,3-Dichloropropene

Concen: 17.495 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 75 Resp: 142159

Ion Ratio Lower Upper

75 100

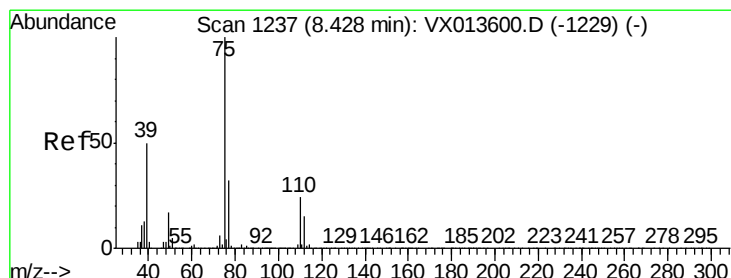
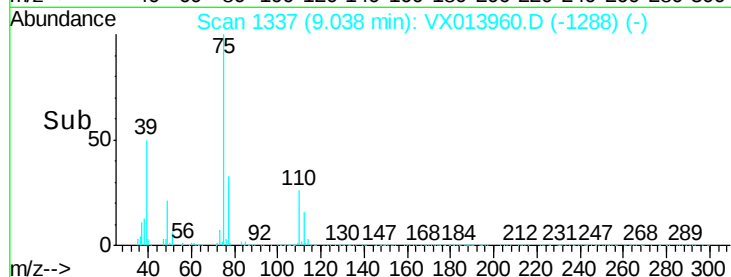
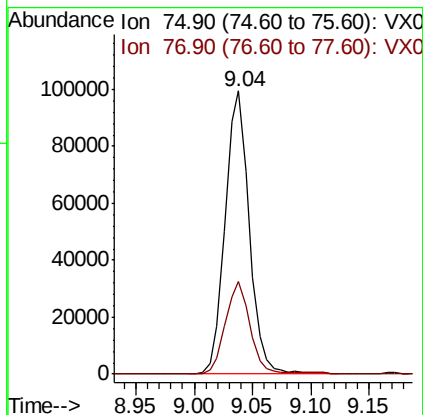
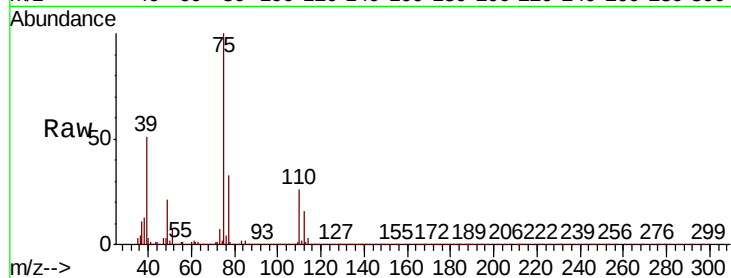
77 32.6 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 18.545 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

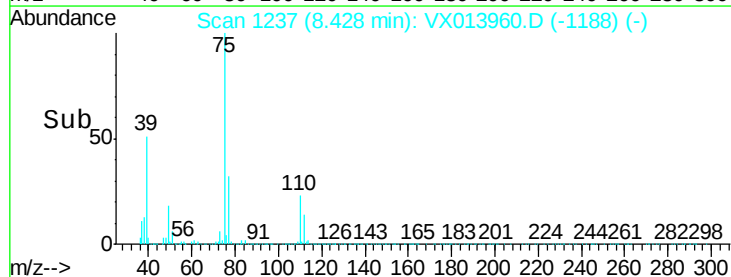
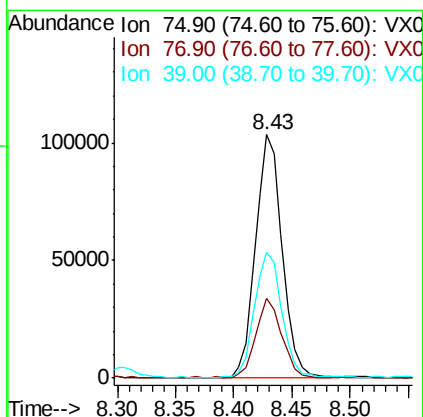
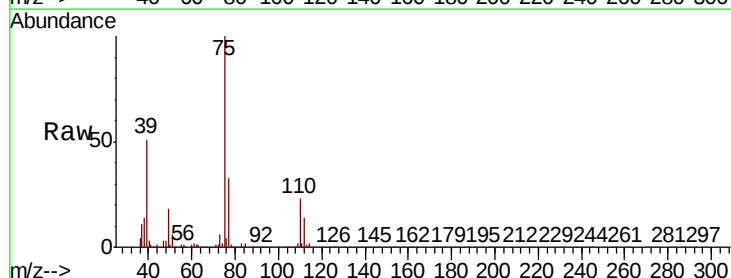
Tgt Ion: 75 Resp: 164633

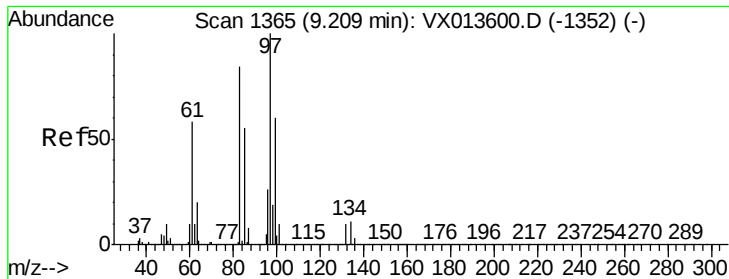
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 51.2 39.9 59.9





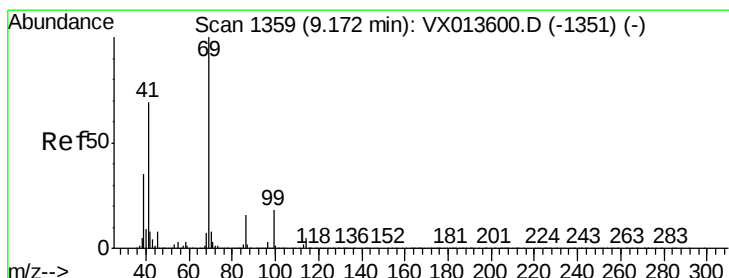
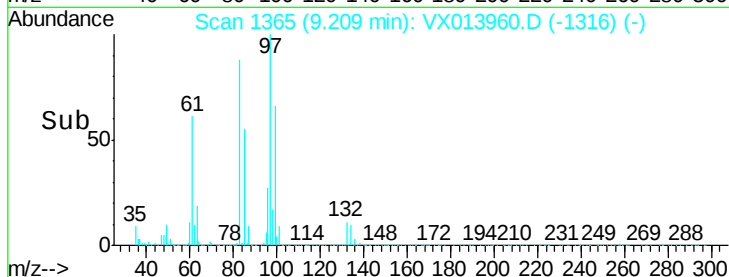
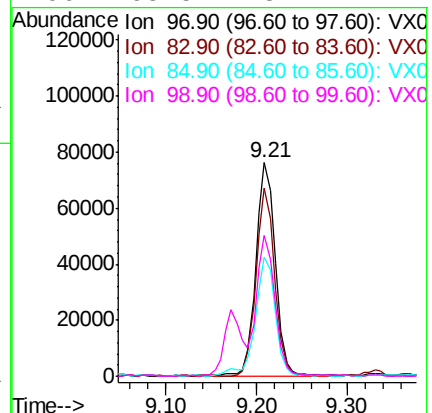
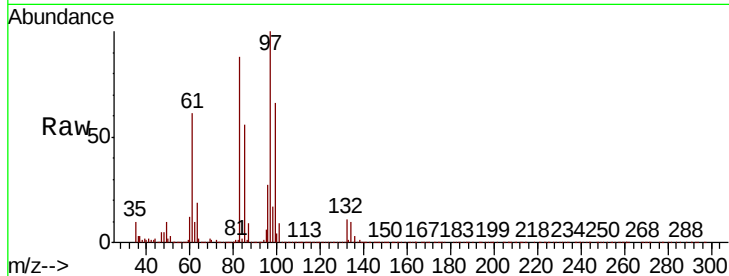
#55  
 1,1,2-Trichloroethane  
 Concen: 20.443 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 113731 |       |       |
| 83      | 87.9 | 67.3  | 100.9  |       |       |
| 85      | 55.2 | 43.6  | 65.4   |       |       |
| 99      | 65.5 | 48.2  | 72.4   |       |       |

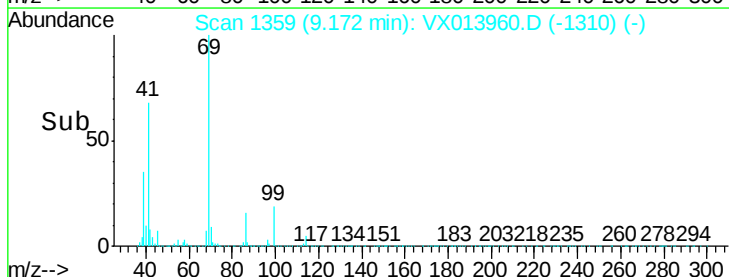
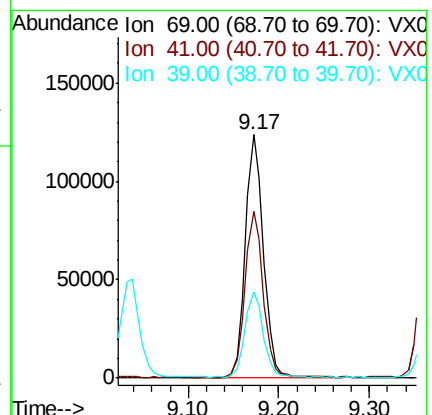
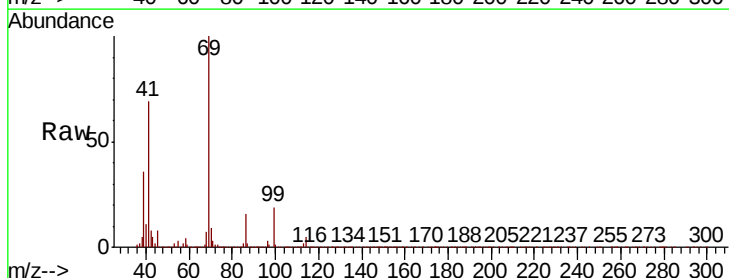
Manual Integrations  
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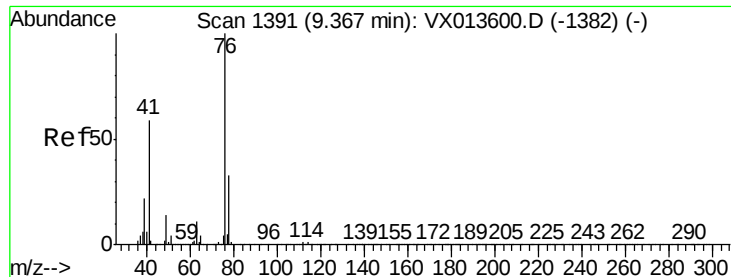
apatel  
 12/12/2019 9:26:53 AM



#56  
 Ethyl methacrylate  
 Concen: 19.160 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 171373 |       |       |
| 41      | 68.5 | 55.0  | 82.4   |       |       |
| 39      | 35.5 | 28.7  | 43.1   |       |       |





#57

1,3-Dichloropropane

Concen: 19.849 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 76 Resp: 190334

Ion Ratio Lower Upper

76 100

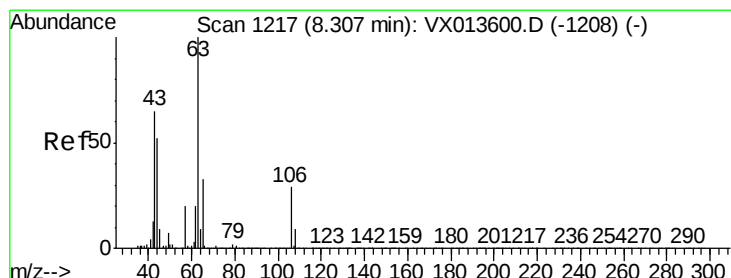
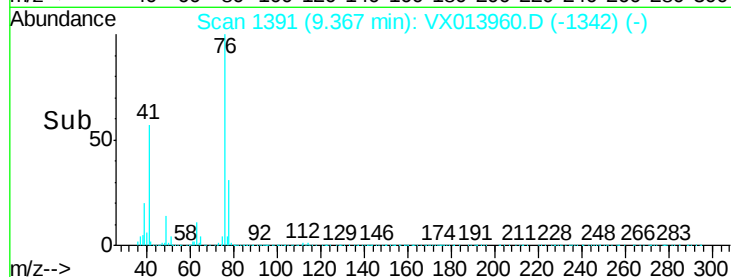
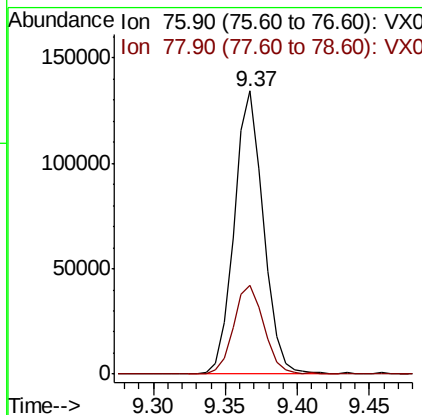
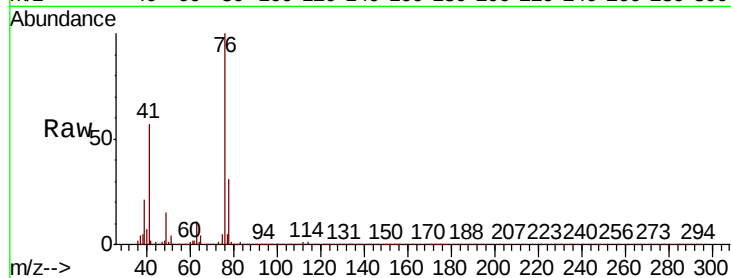
78 32.7 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 91.028 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013960.D

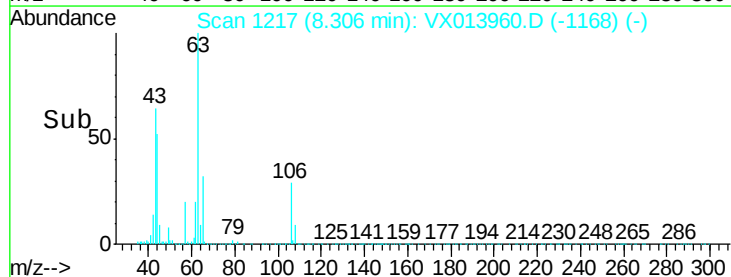
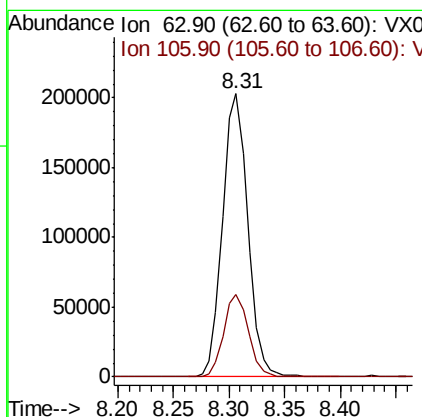
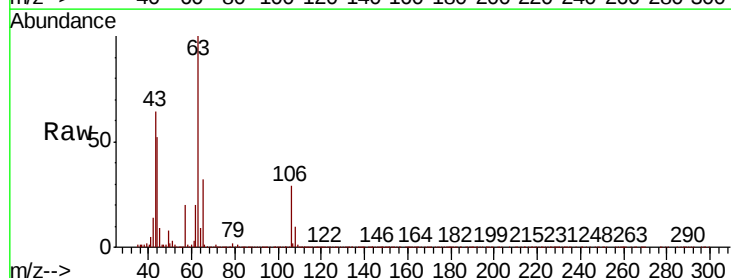
Acq: 11 Dec 2019 22:57

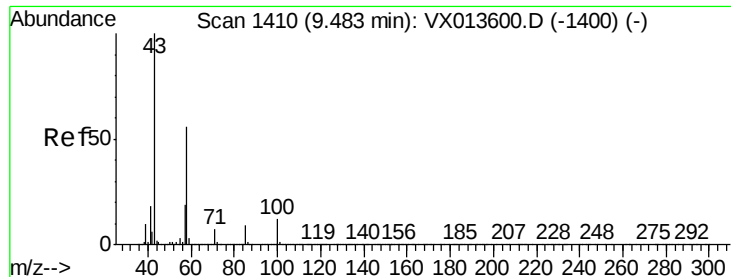
Tgt Ion: 63 Resp: 319221

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





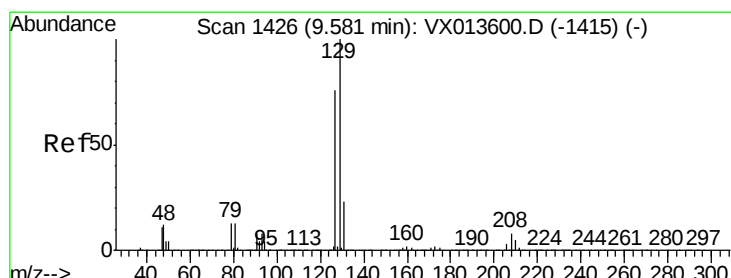
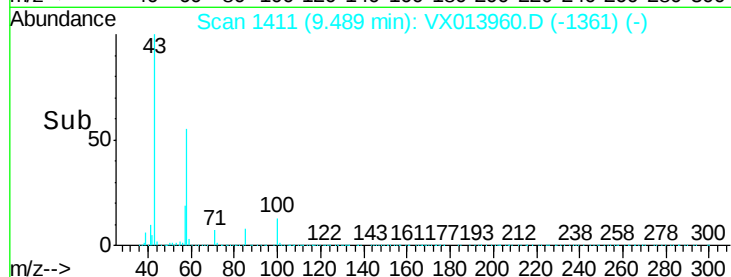
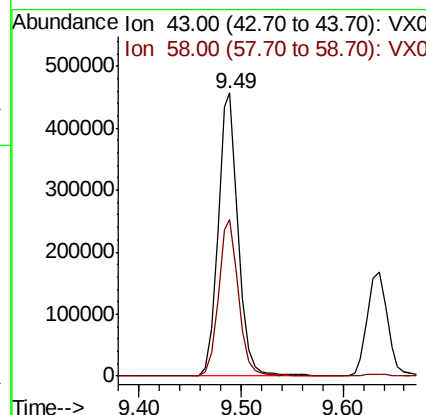
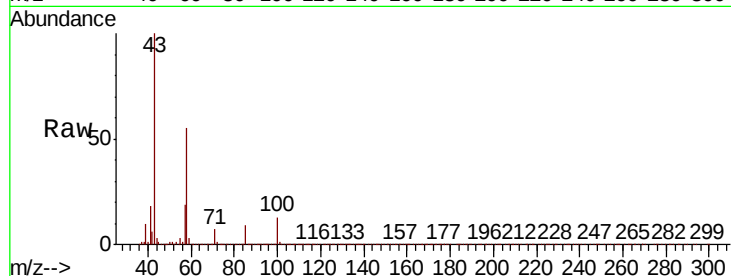
#59  
2-Hexanone  
Concen: 94.856 ug/l  
RT: 9.49 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

Tot Ion: 43 Resp: 627100  
Ion Ratio Lower Upper  
43 100  
58 55.2 28.1 84.4

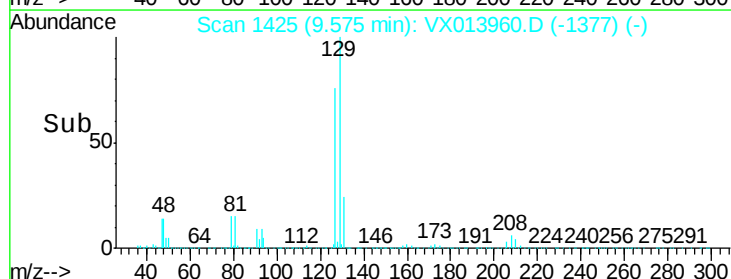
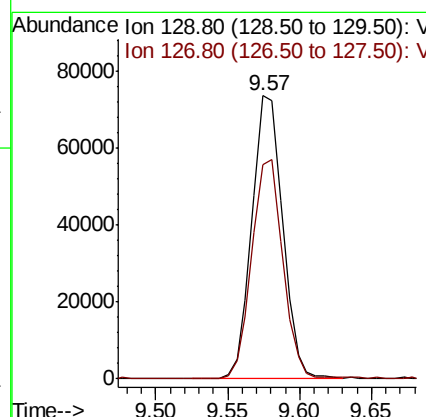
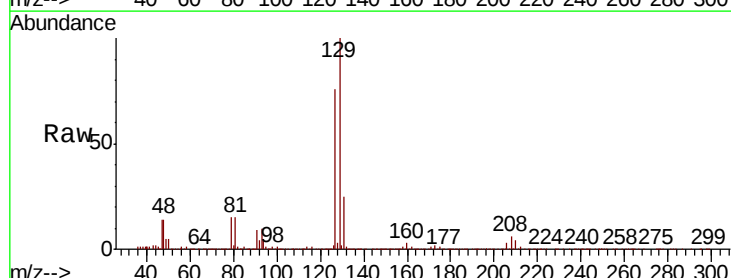
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#60  
Dibromochloromethane  
Concen: 18.860 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Tgt Ion: 129 Resp: 108889  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.113 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 107 Resp: 113566

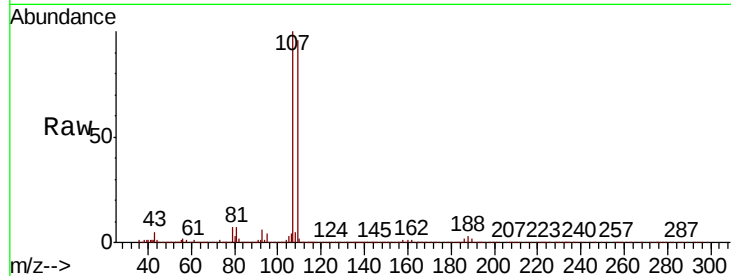
Ion Ratio Lower Upper

107 100

109 95.1 76.1 114.1

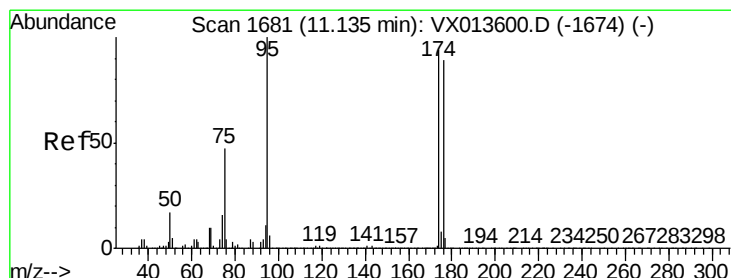
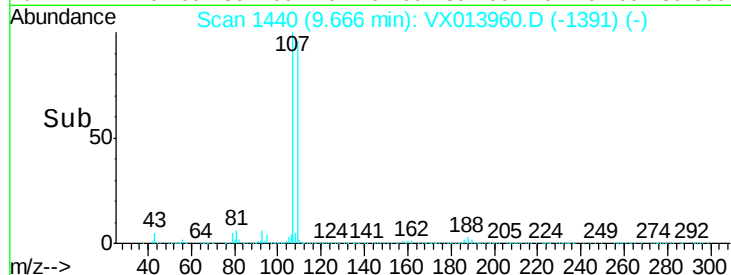
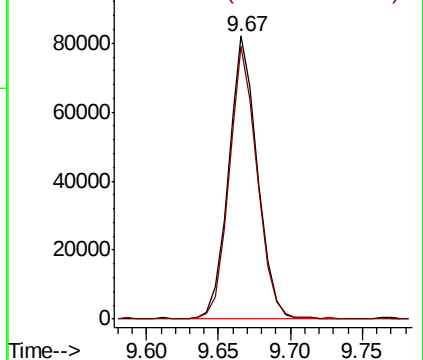
Manual Integrations  
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.018 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

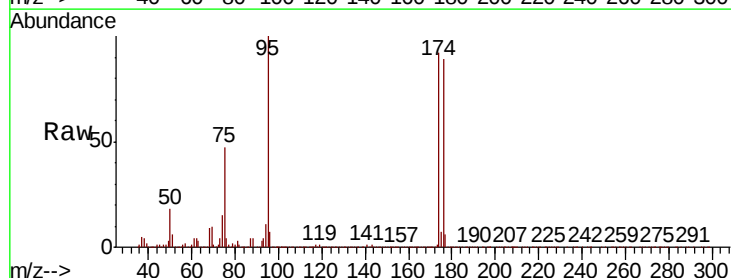
Tgt Ion: 95 Resp: 321262

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

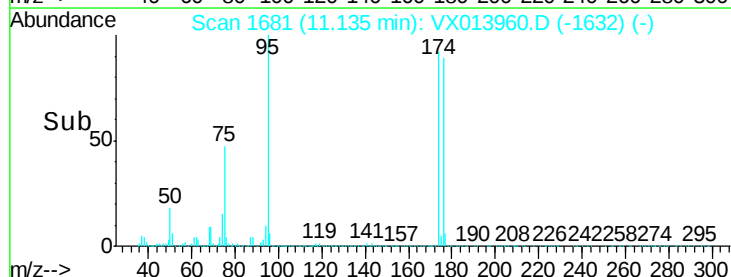
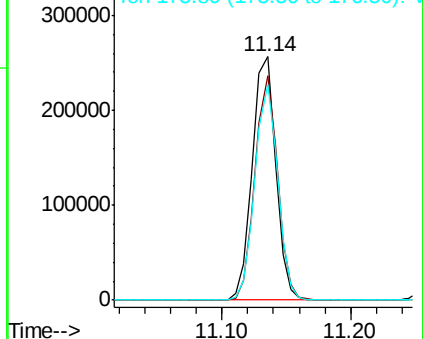
176 86.1 0.0 173.6

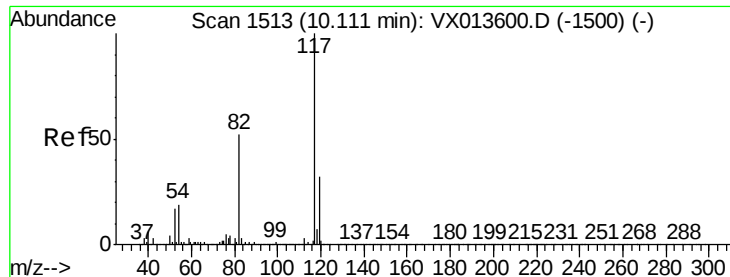


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





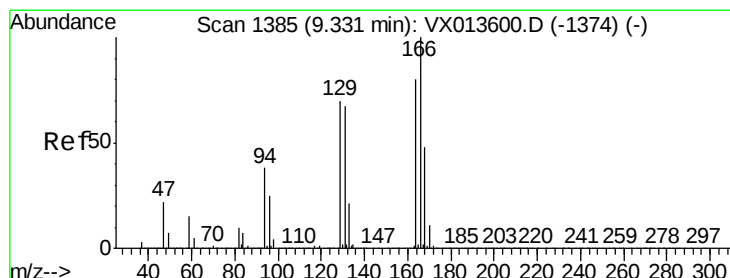
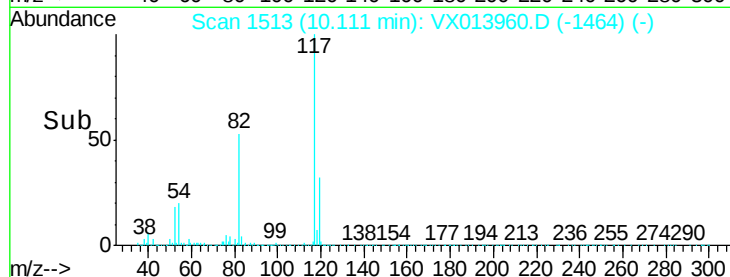
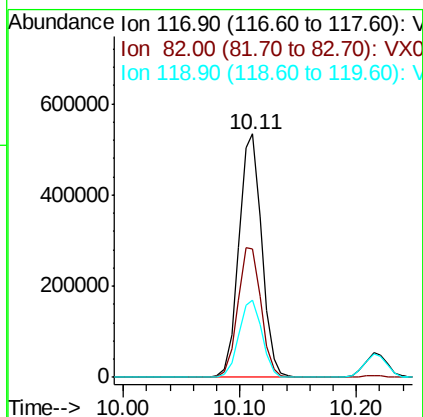
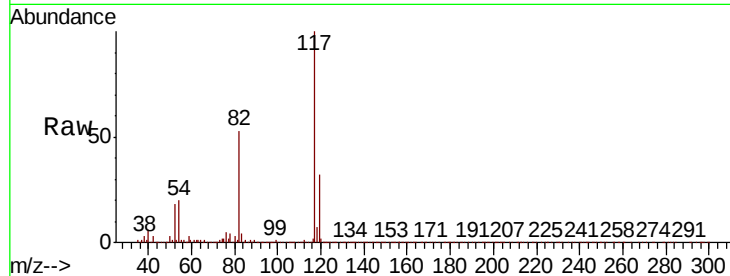
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.6  | 41.8  | 62.8  |
| 119     | 31.9  | 25.8  | 38.8  |

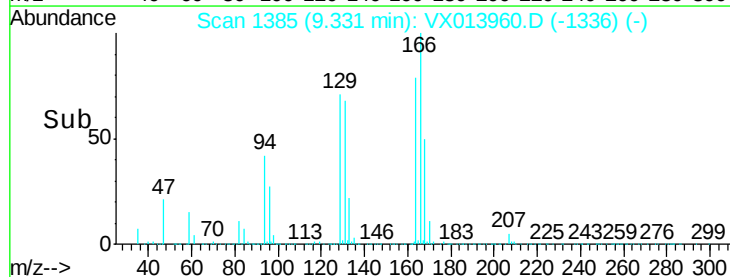
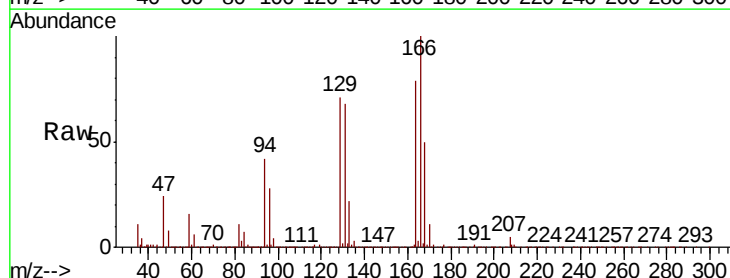
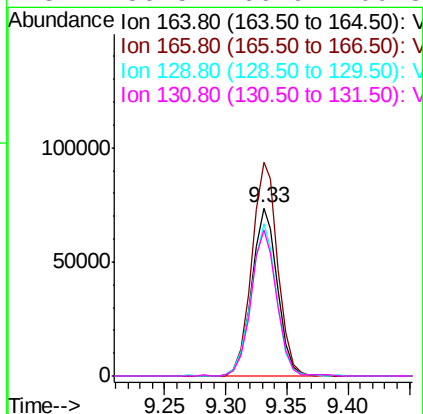
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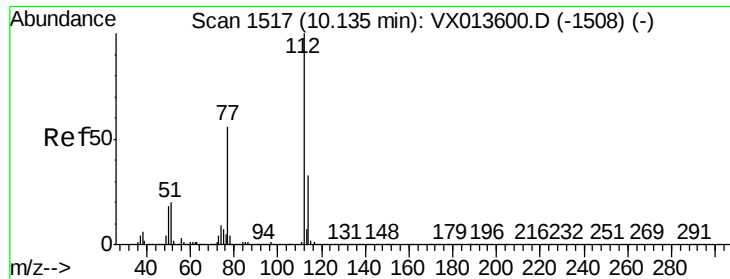
apatel  
12/12/2019 9:26:53 AM



#64  
Tetrachloroethene  
Concen: 19.879 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.0 | 99.7  | 149.5 |
| 129     | 90.0  | 70.1  | 105.1 |
| 131     | 86.5  | 66.9  | 100.3 |





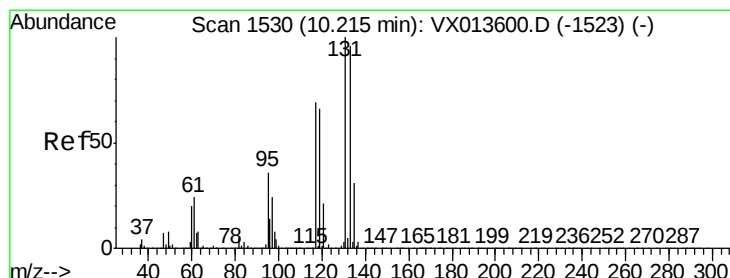
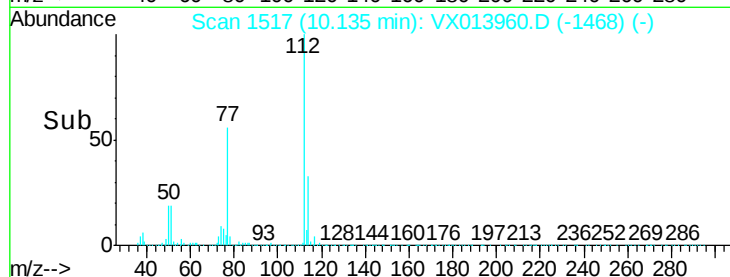
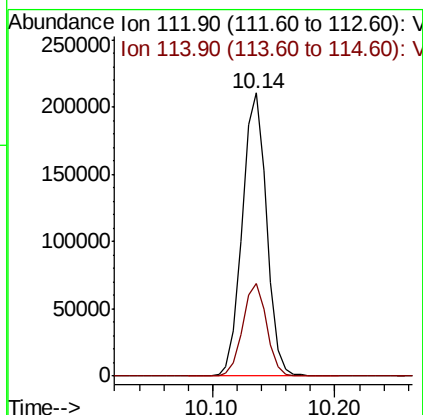
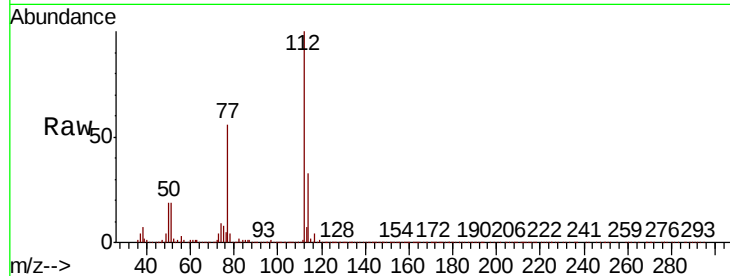
#65  
Chlorobenzene  
Concen: 19.081 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.6  | 26.1  | 39.1  |

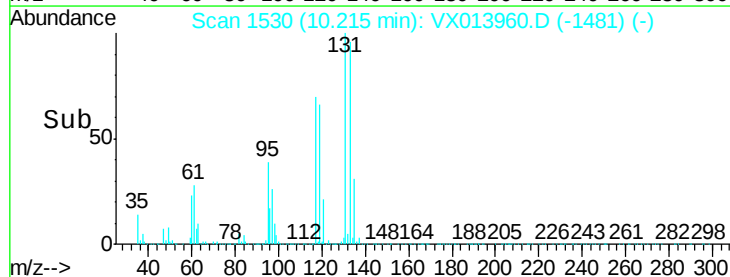
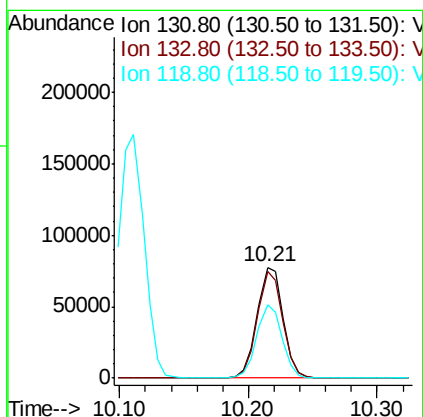
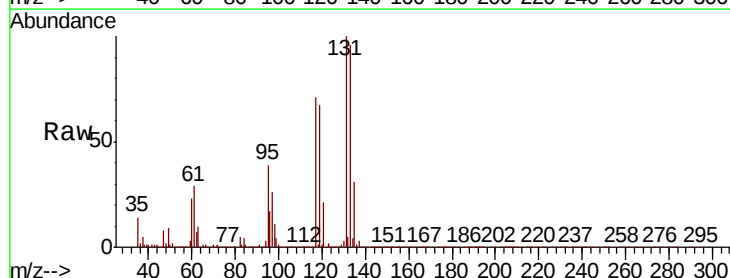
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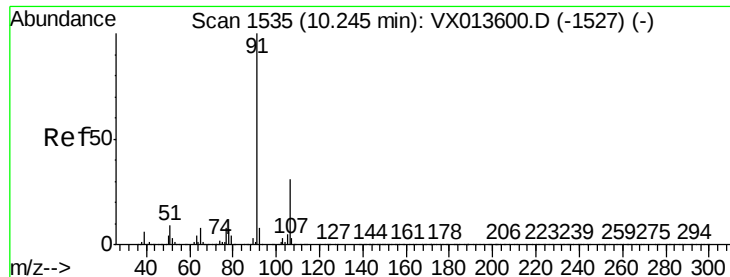
apatel  
12/12/2019 9:26:53 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.650 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.4  | 47.7  | 143.1 |
| 119     | 64.9  | 32.9  | 98.6  |





#67

Ethyl Benzene

Concen: 19.115 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 91 Resp: 497693

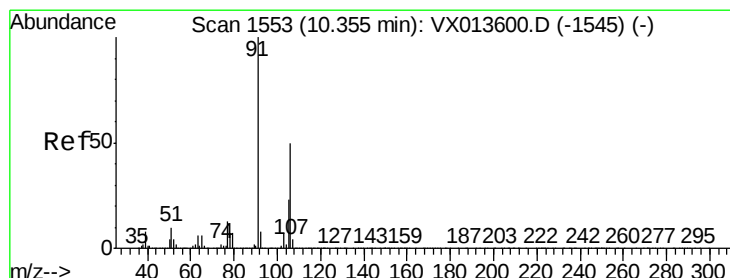
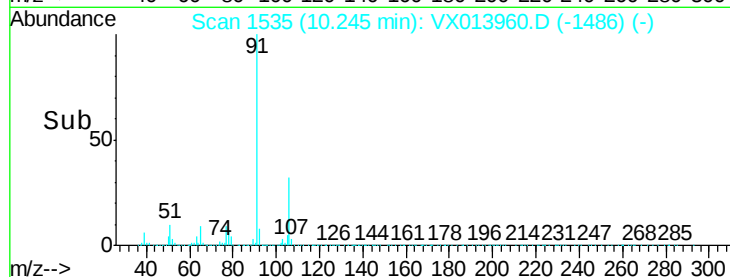
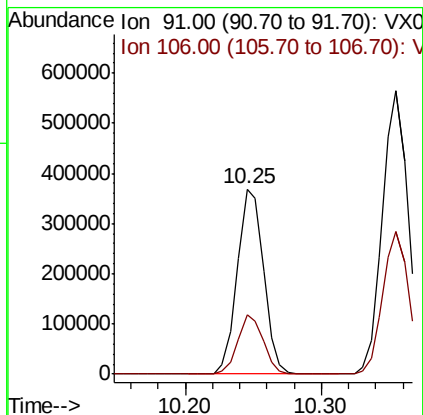
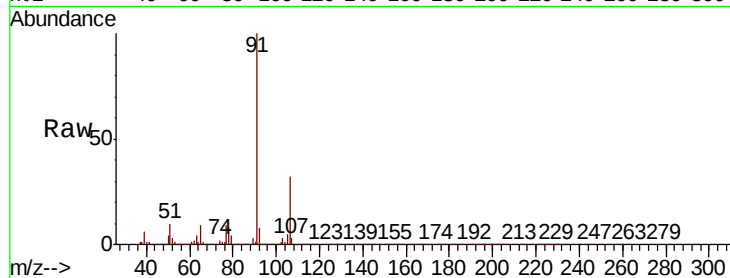
Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7

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#68

m/p-Xylenes

Concen: 38.249 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013960.D

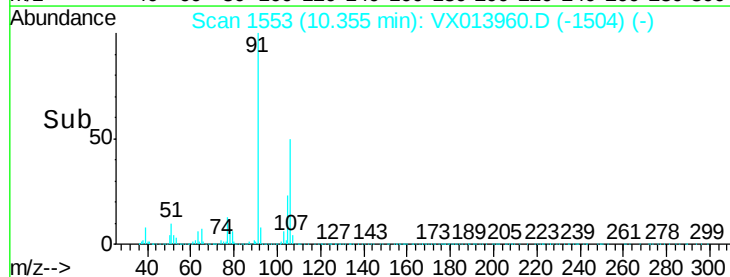
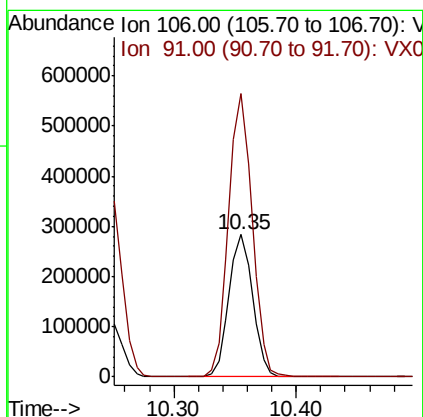
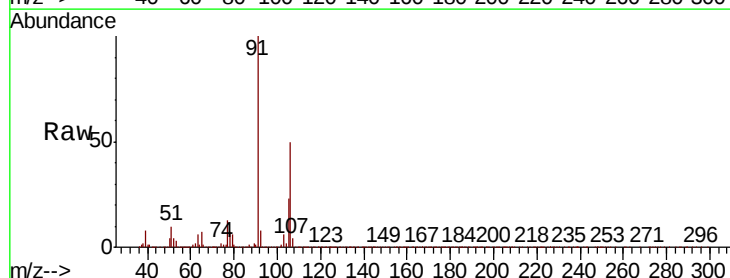
Acq: 11 Dec 2019 22:57

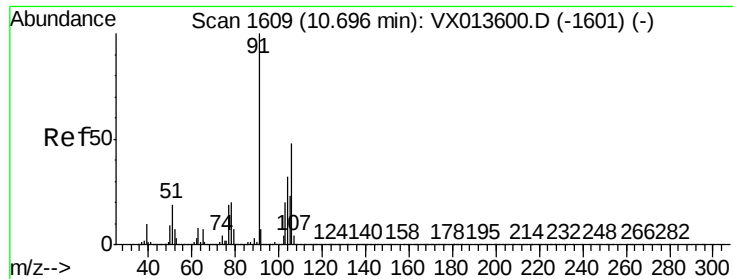
Tgt Ion: 106 Resp: 381268

Ion Ratio Lower Upper

106 100

91 197.7 159.0 238.4





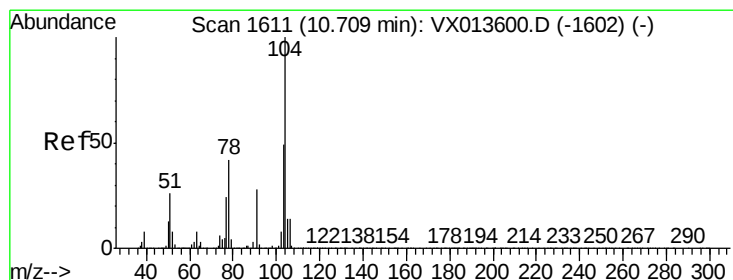
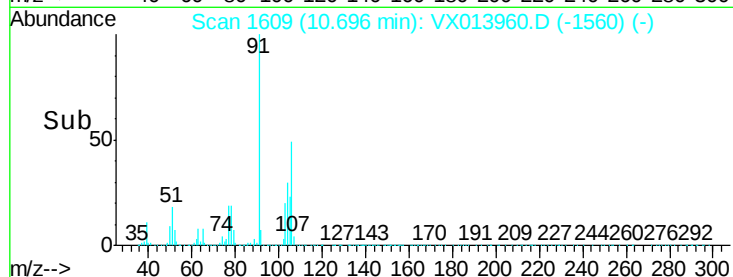
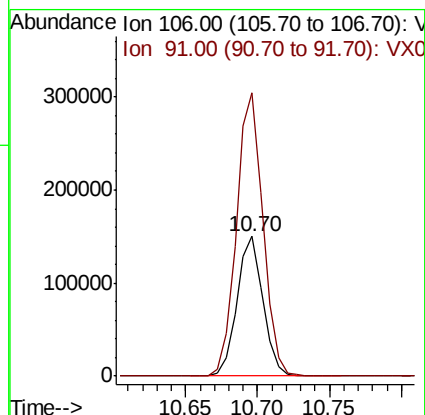
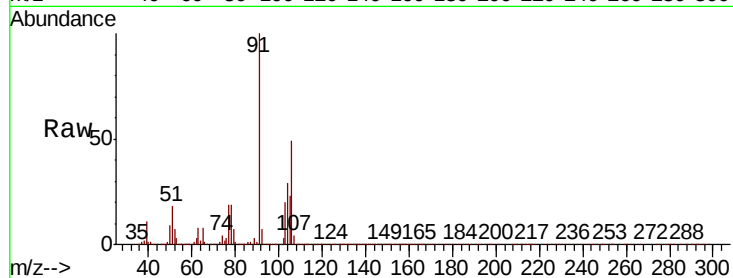
#69  
o-Xylene  
Concen: 19.461 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 206.3 | 104.1 | 312.2 |

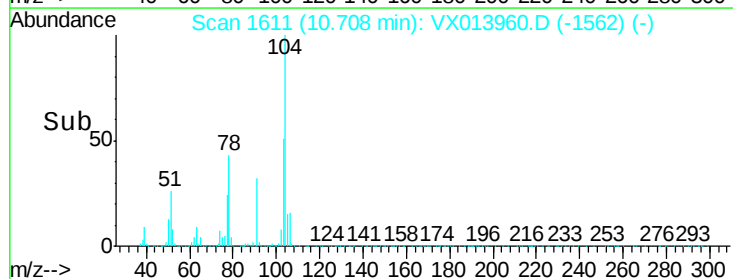
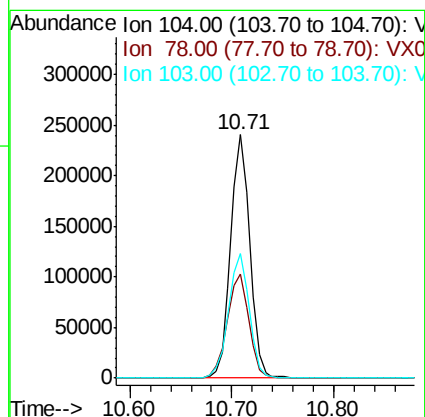
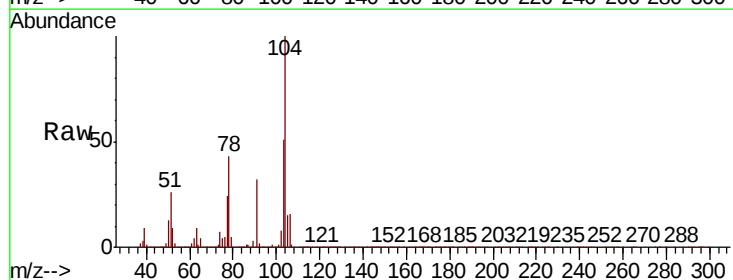
Manual Integrations  
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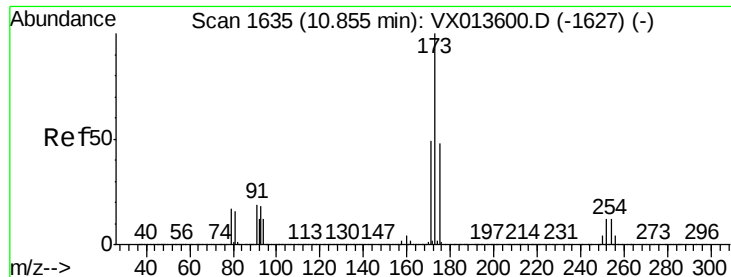
apatel  
12/12/2019 9:26:53 AM



#70  
Styrene  
Concen: 19.068 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.4  | 38.5  | 57.7  |
| 103     | 55.5  | 43.7  | 65.5  |





#71

Bromoform

Concen: 18.069 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

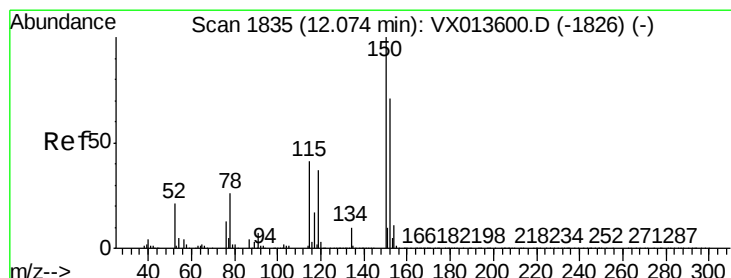
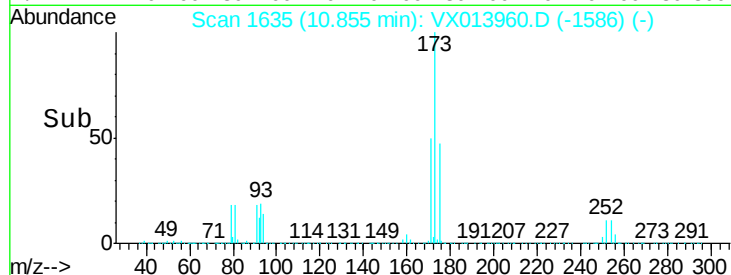
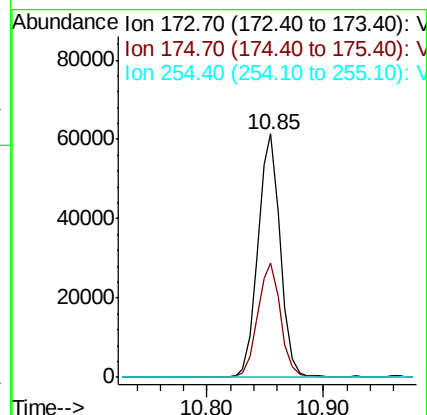
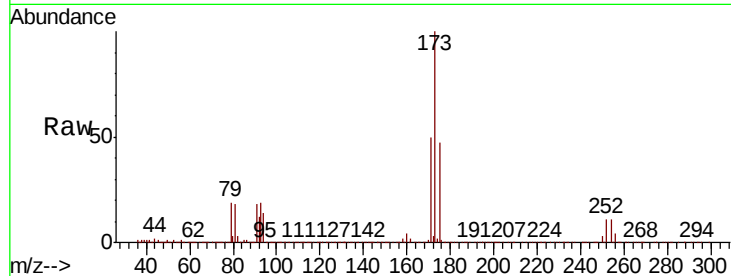
ClientSampleId :

VX1211WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 81342 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 24.3  | 72.8  |
| 254       | 0.3   | 0.2   | 0.4   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

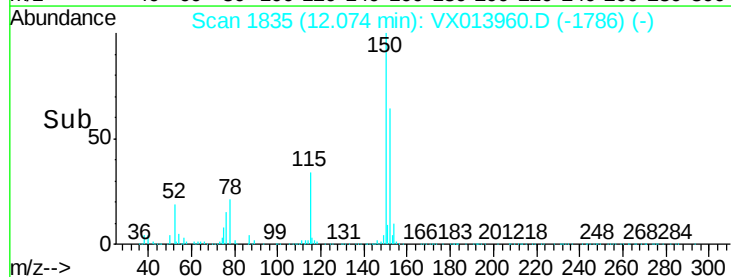
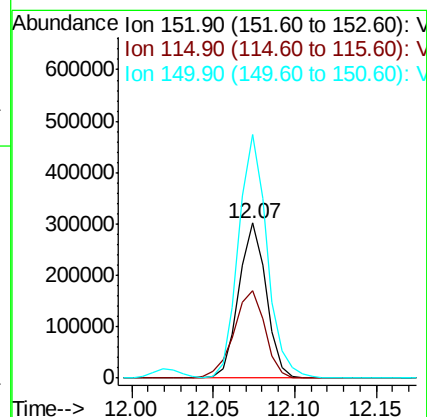
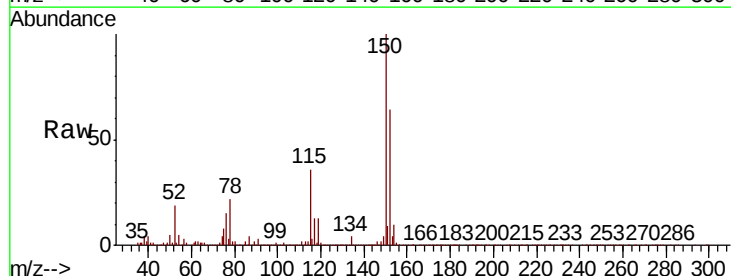
RT: 12.07 min Scan# 1835

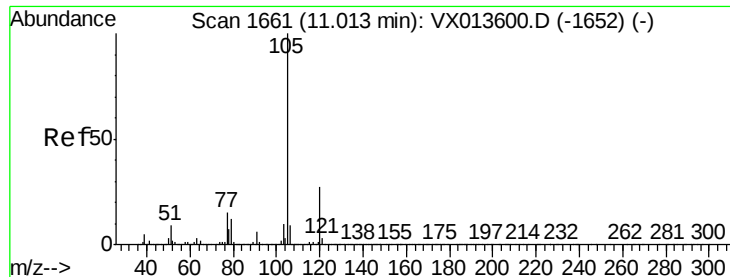
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 353789 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.7  | 38.4  | 115.1  |
| 150       | 163.5 | 0.0   | 346.8  |





#73

Isopropylbenzene

Concen: 19.851 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 105 Resp: 492641

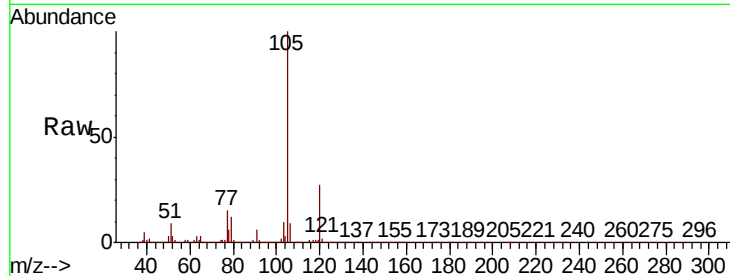
Ion Ratio Lower Upper

105 100

120 27.3 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

400000

300000

200000

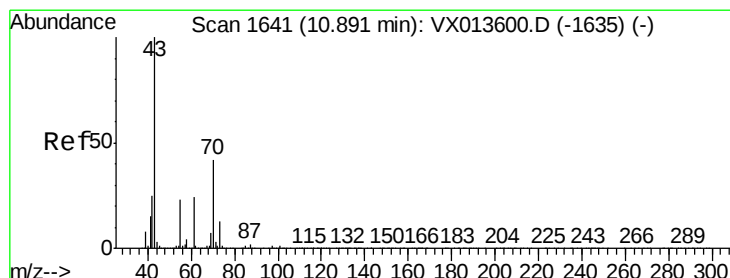
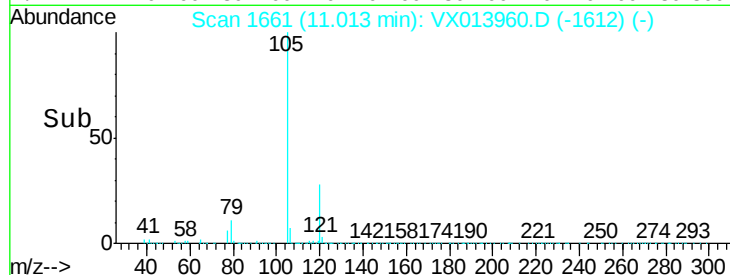
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.258 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Tgt Ion: 43 Resp: 218936

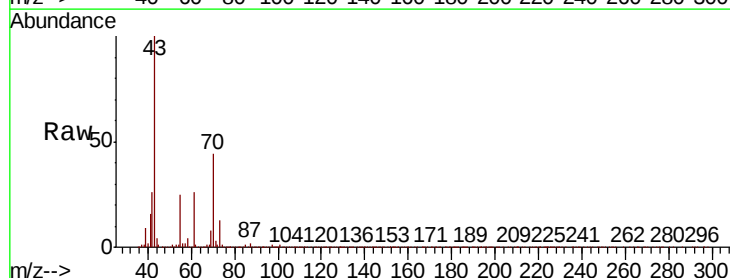
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 25.2 18.5 27.7

61 24.5 19.8 29.8



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

250000

200000

150000

100000

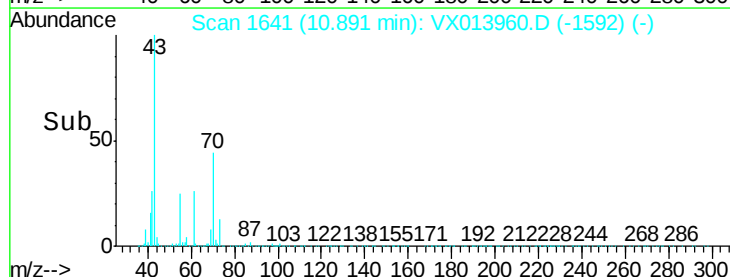
50000

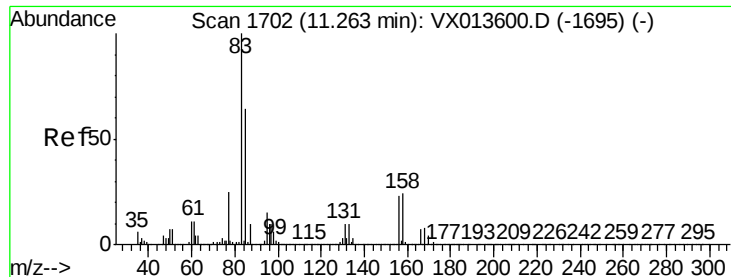
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.674 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

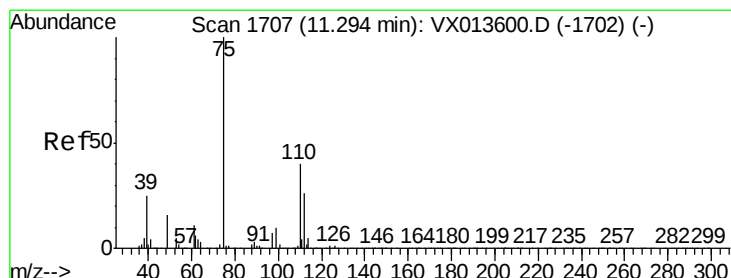
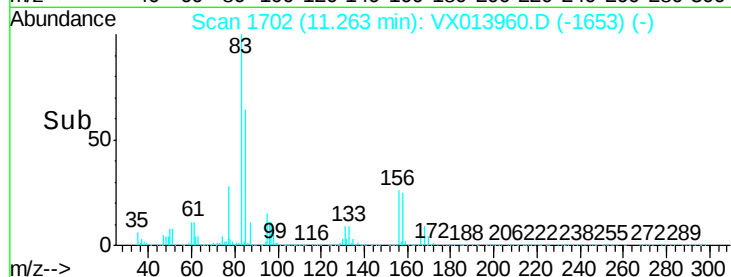
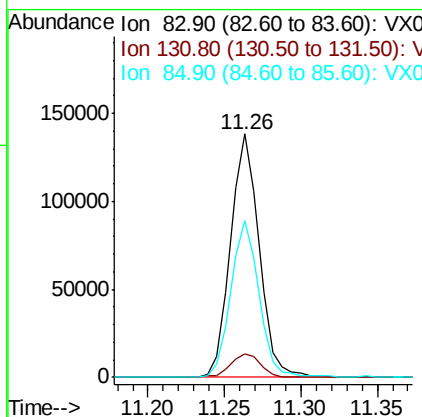
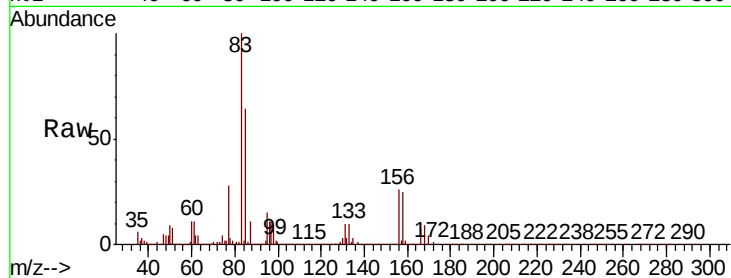
ClientSampleId :

VX1211WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 177930 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.1   | 15.3   |
| 85        | 64.1  | 31.8  | 95.3   |

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#76

1,2,3-Trichloropropane

Concen: 19.991 ug/l m

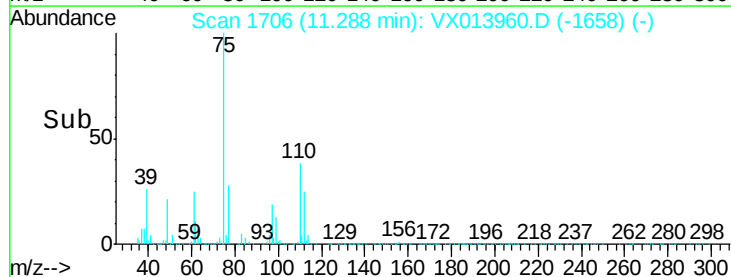
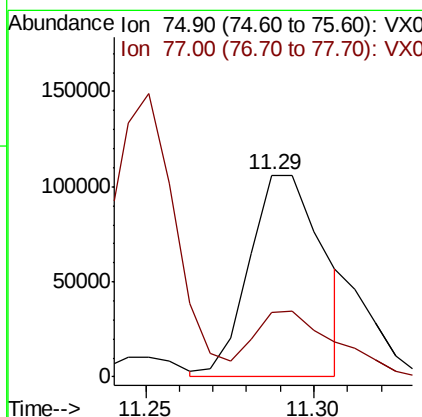
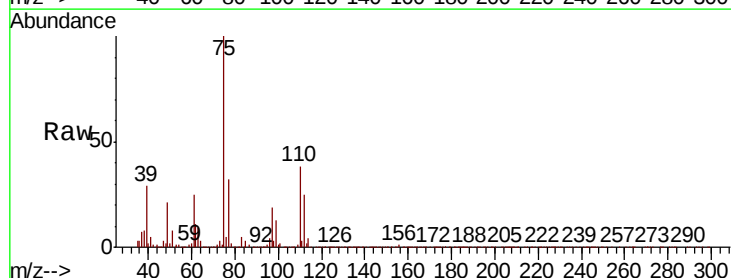
RT: 11.29 min Scan# 1706

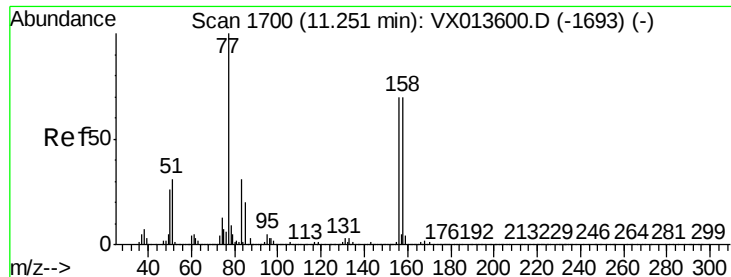
Delta R.T. -0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 159079 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 36.4  | 19.1  | 57.5   |





#77

Bromobenzene

Concen: 19.608 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

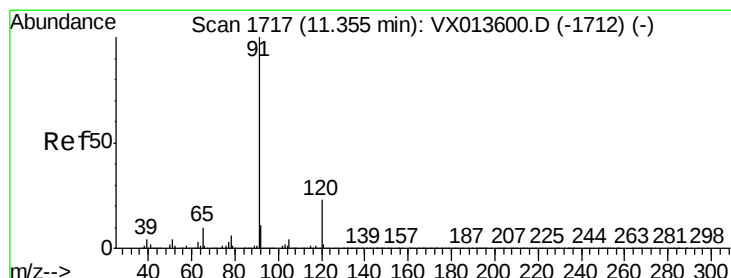
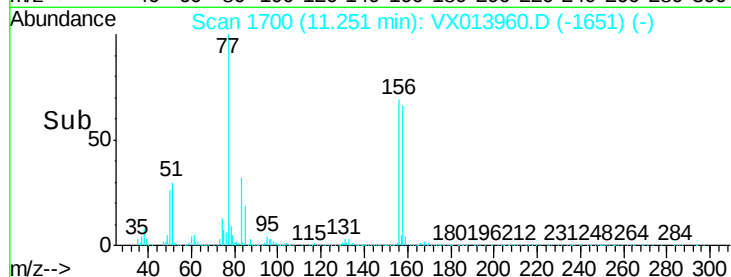
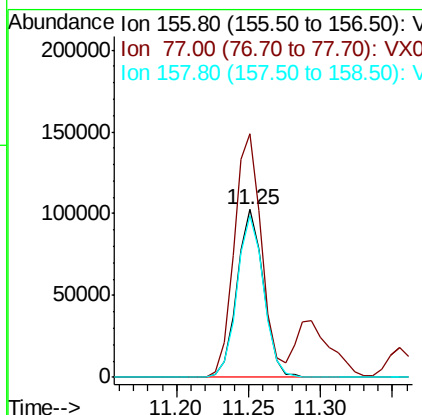
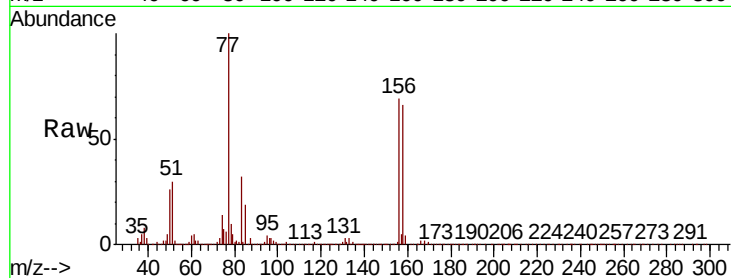
ClientSampleId :

VX1211WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 131457 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.8 | 74.4  | 223.1  |
| 158       | 96.9  | 48.9  | 146.6  |

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#78

n-propylbenzene

Concen: 19.623 ug/l

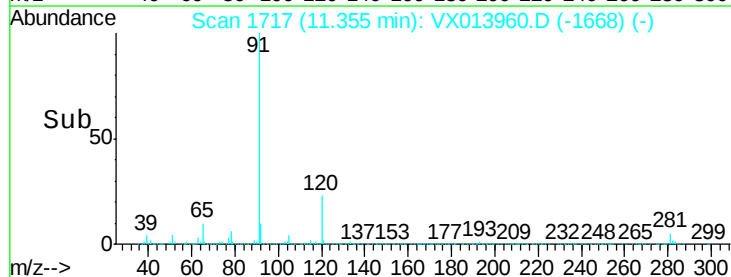
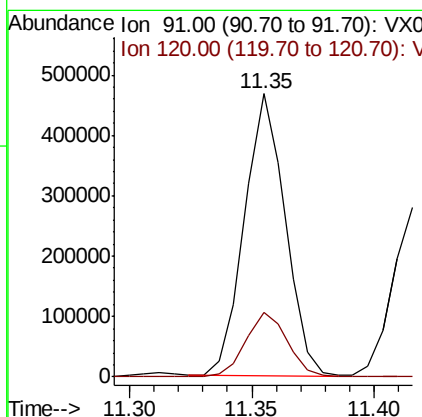
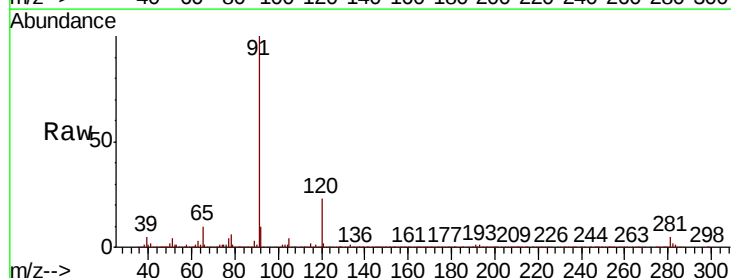
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 543626 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.3  | 11.8  | 35.3   |





#79

2-Chlorotoluene

Concen: 20.002 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion: 91 Resp: 332400

Ion Ratio Lower Upper

91 100

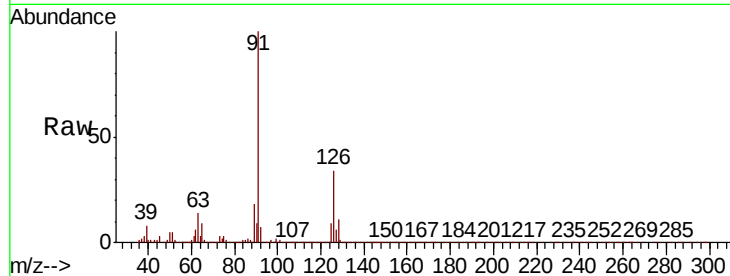
126 35.0 17.5 52.5

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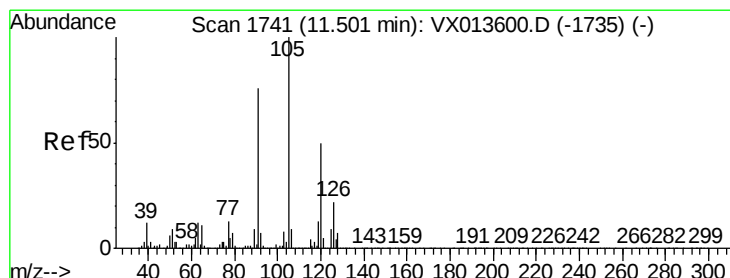
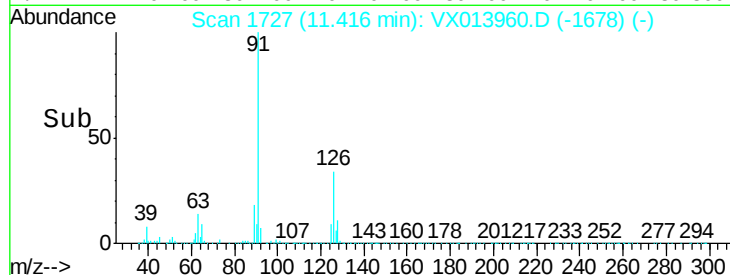
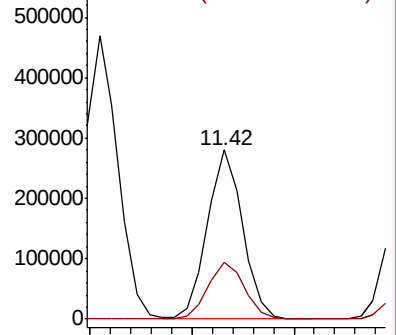
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.047 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013960.D

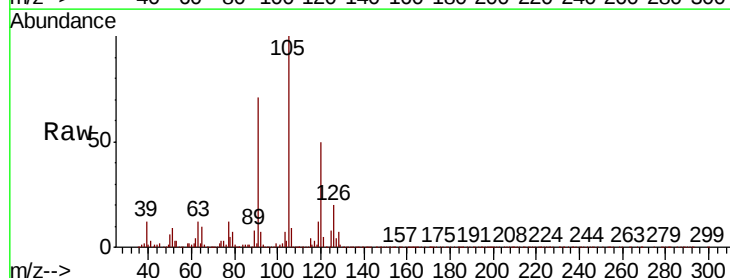
Acq: 11 Dec 2019 22:57

Tgt Ion: 105 Resp: 407758

Ion Ratio Lower Upper

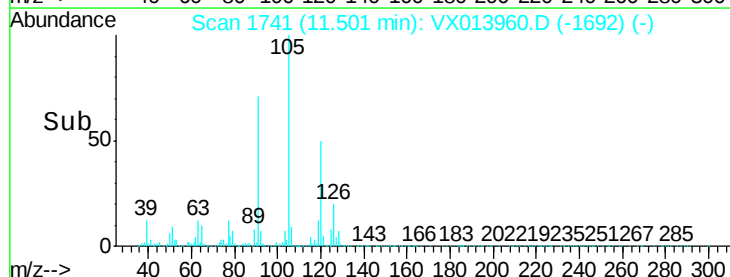
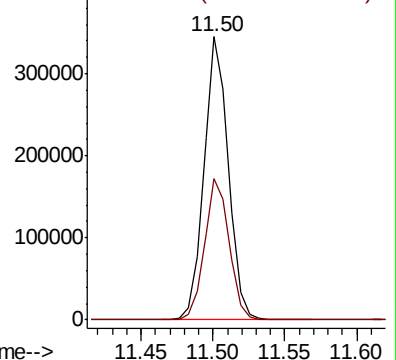
105 100

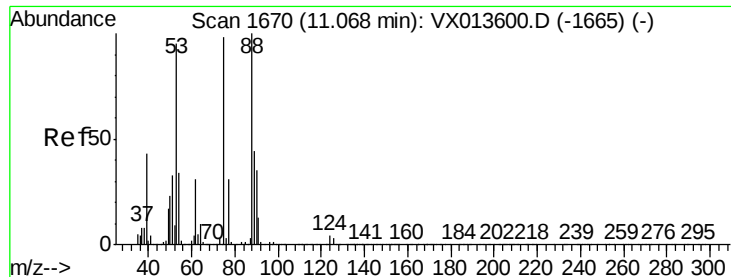
120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.141 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

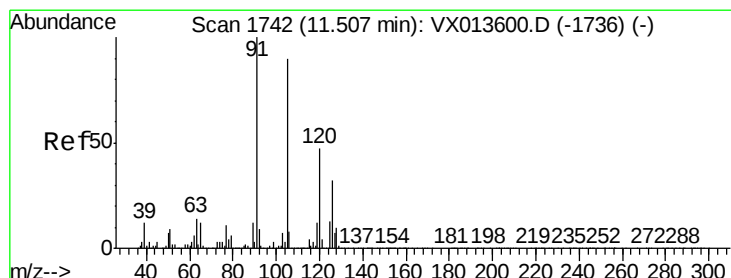
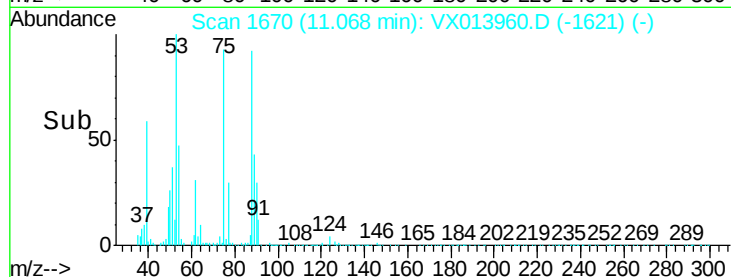
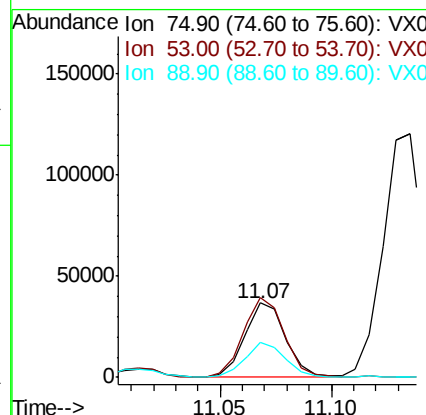
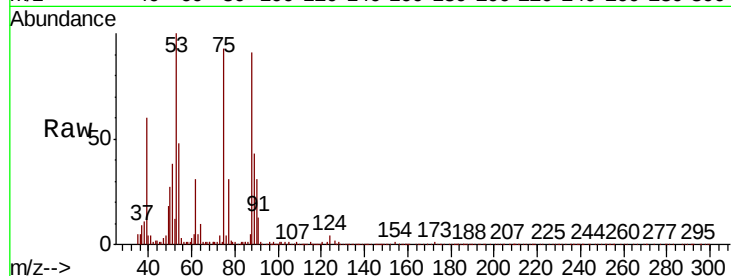
ClientSampleId :

VX1211WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 46948 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 105.9 | 78.2  | 117.2 |
| 89       | 45.1  | 35.4  | 53.2  |

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#82

4-Chlorotoluene

Concen: 19.627 ug/l

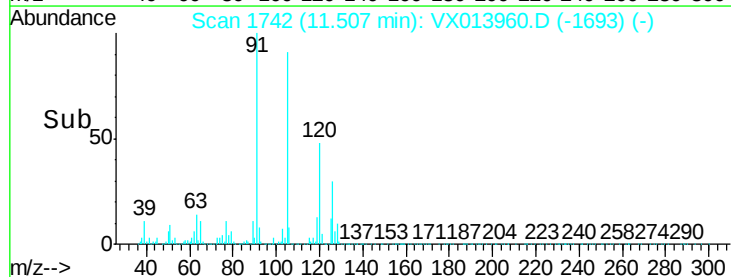
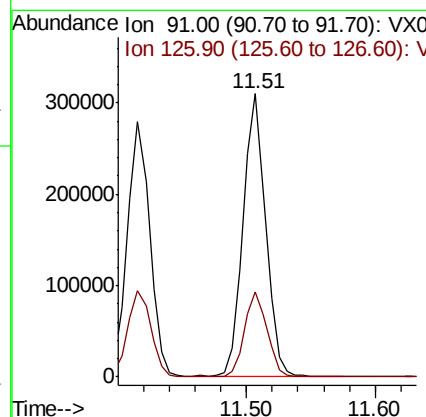
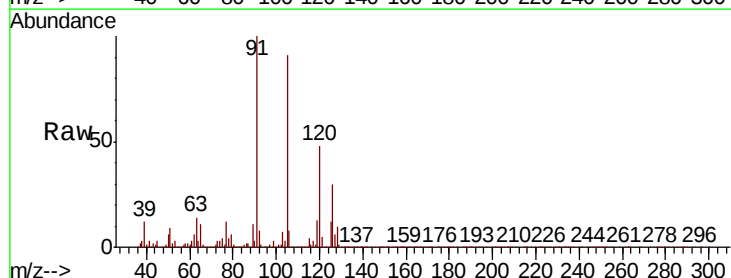
RT: 11.51 min Scan# 1742

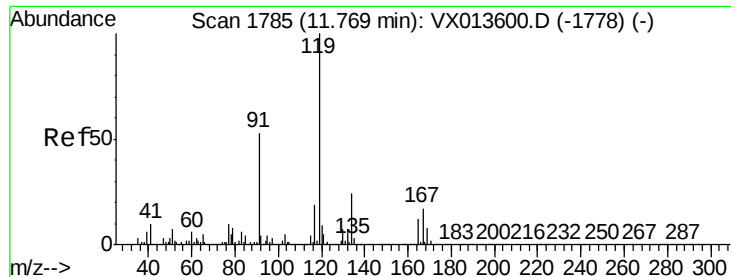
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 377781 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 29.9  | 15.7  | 47.0   |





#83

tert-Butylbenzene

Concen: 19.969 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

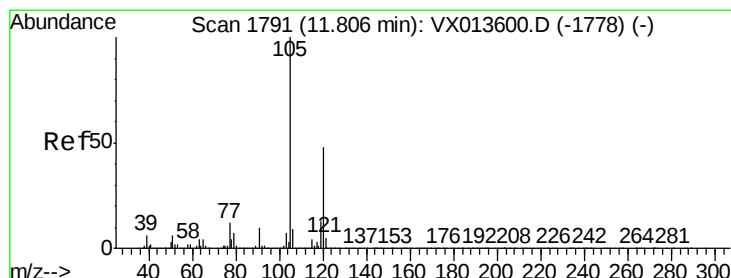
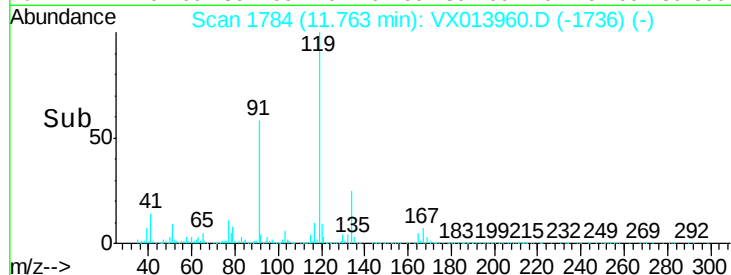
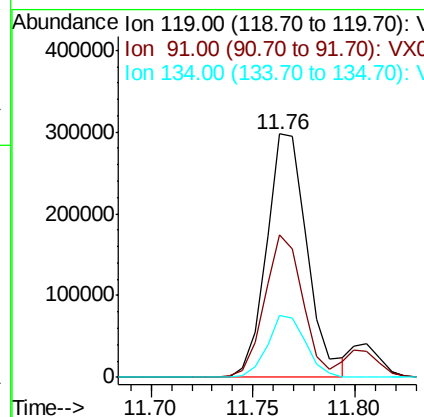
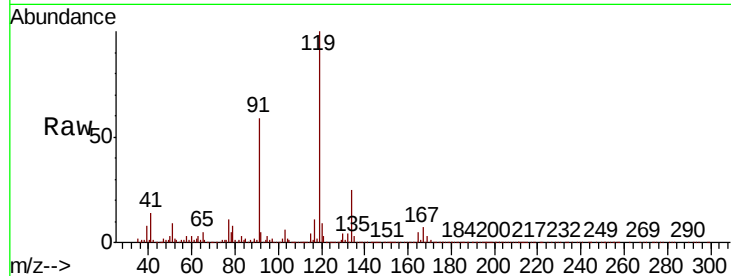
ClientSampleId :

VX1211WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 412780 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 54.4  | 27.2  | 81.6   |
| 134       | 24.1  | 11.7  | 35.1   |

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#84

1,2,4-Trimethylbenzene

Concen: 19.931 ug/l

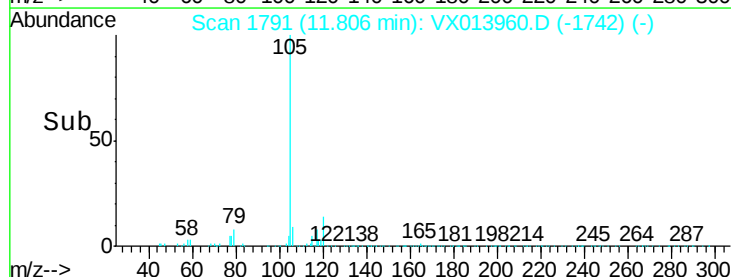
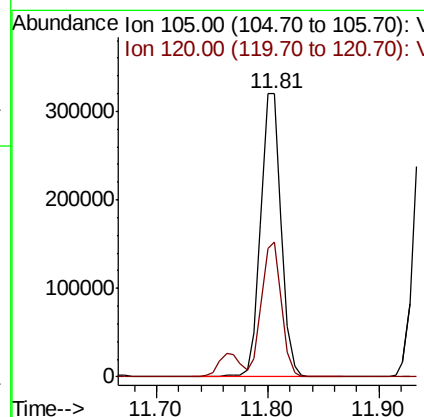
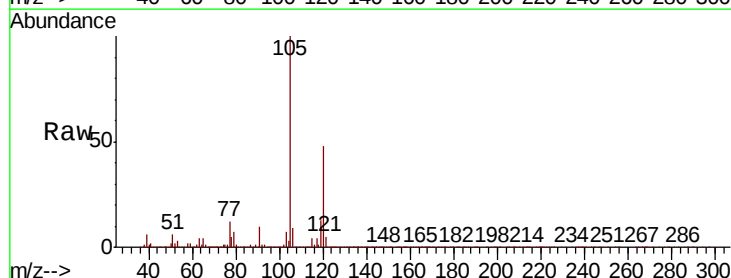
RT: 11.81 min Scan# 1791

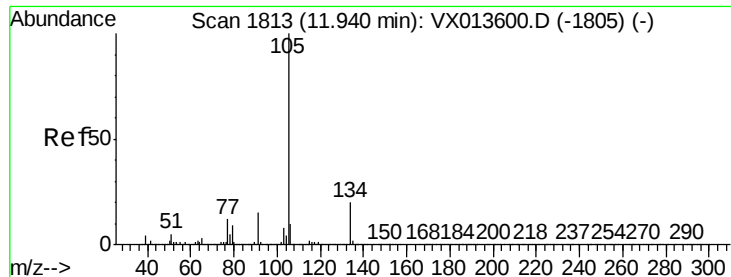
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 411440 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.1  | 23.1  | 69.3   |





#85

sec-Butylbenzene

Concen: 19.622 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBSD02

Tot Ion:105 Resp: 463290

Ion Ratio Lower Upper

105 100

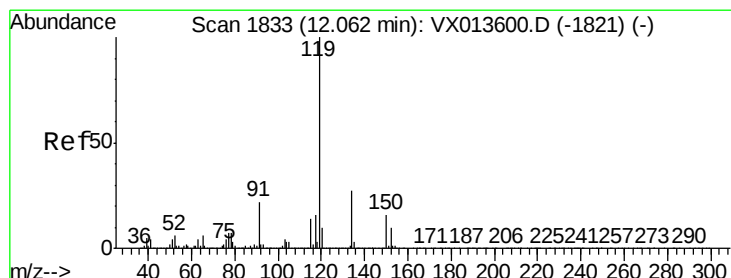
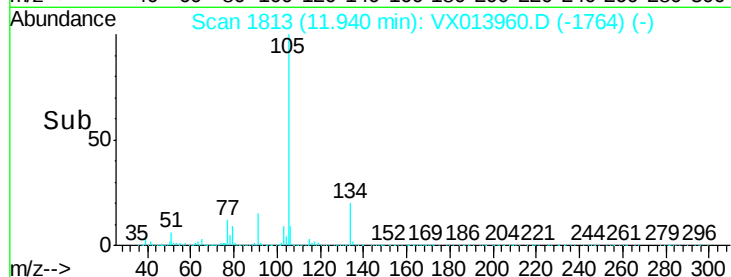
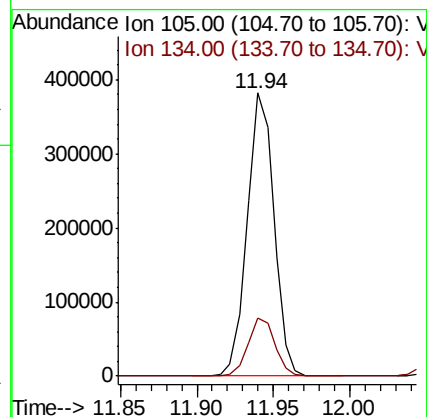
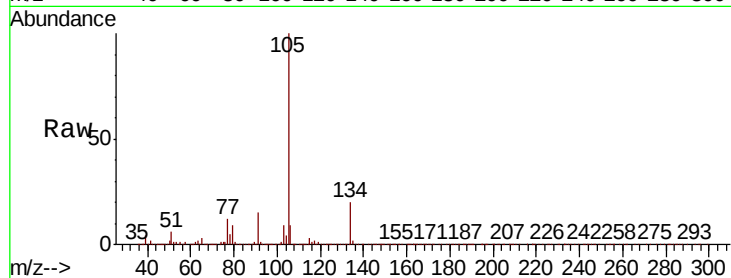
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.179 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

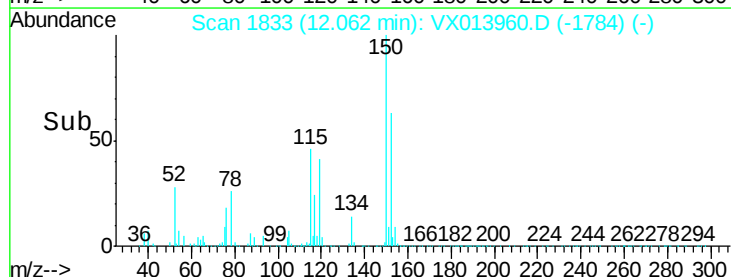
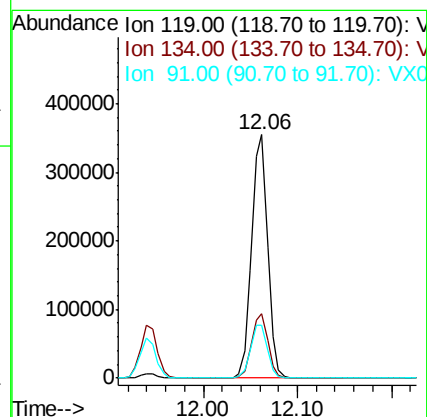
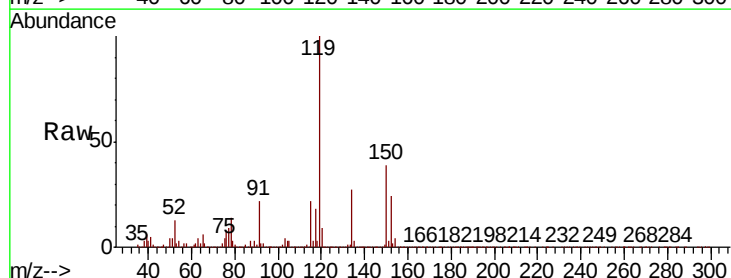
Tgt Ion:119 Resp: 421277

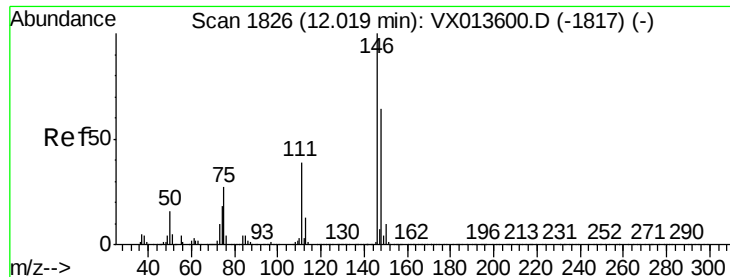
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.8 11.3 33.8





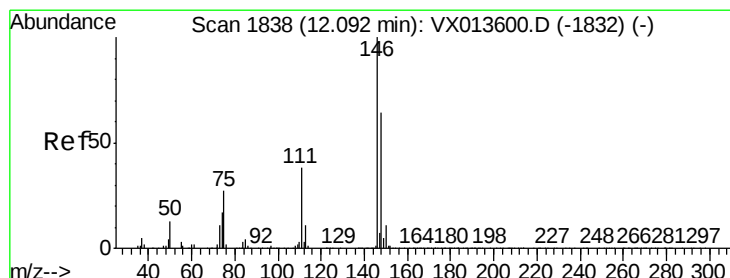
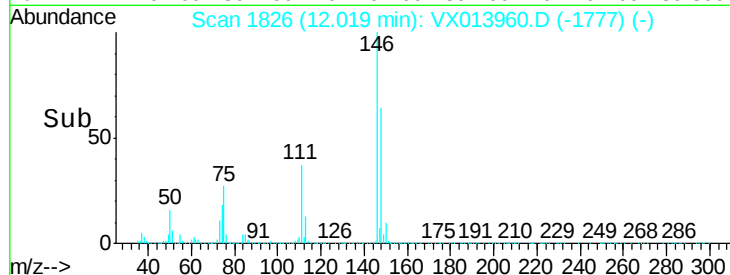
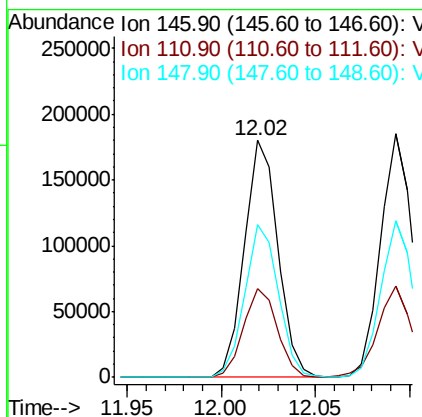
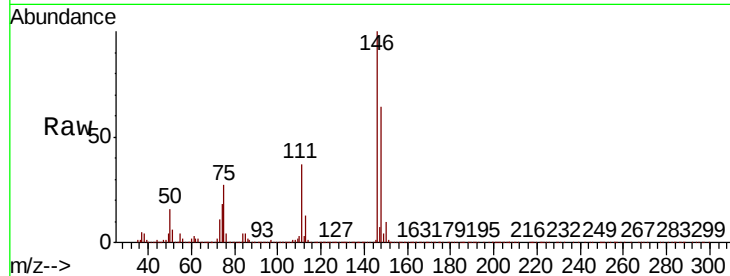
#87  
 1,3-Dichlorobenzene  
 Concen: 19.075 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 19.0  | 57.0  |
| 148     | 64.5  | 31.8  | 95.4  |

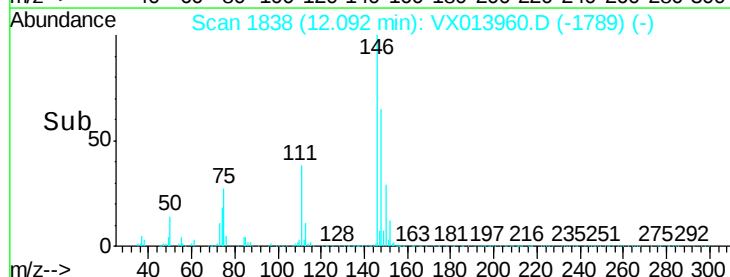
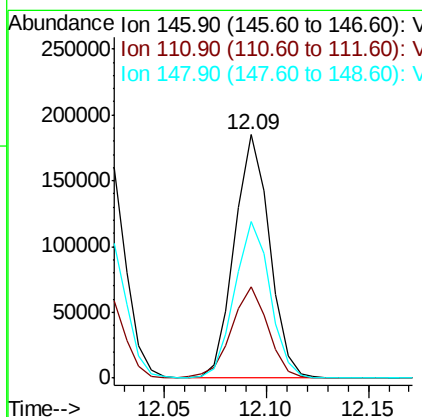
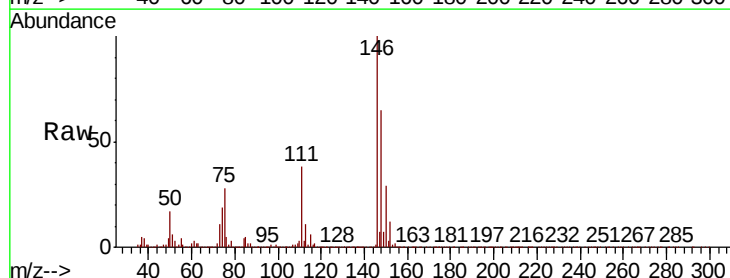
Manual Integrations  
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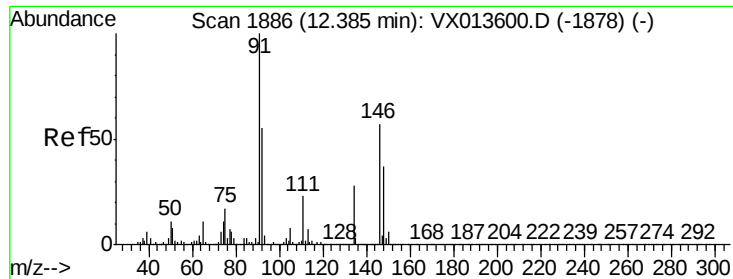
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.495 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 18.9  | 56.9  |
| 148     | 65.3  | 31.9  | 95.5  |





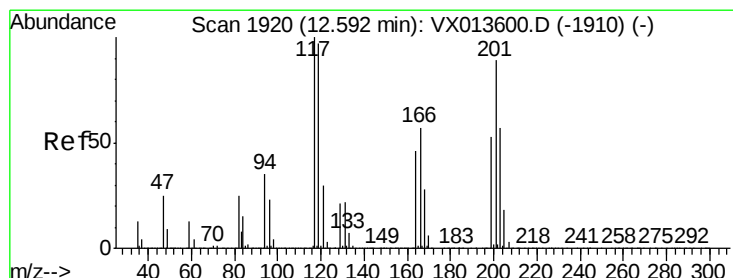
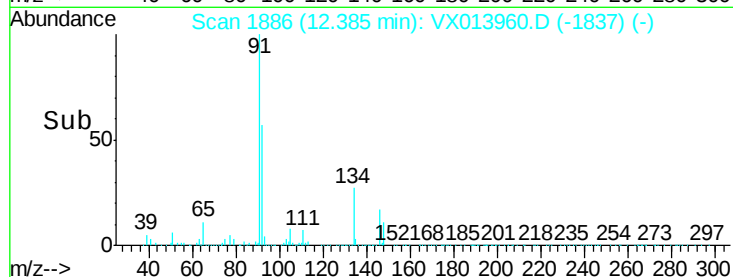
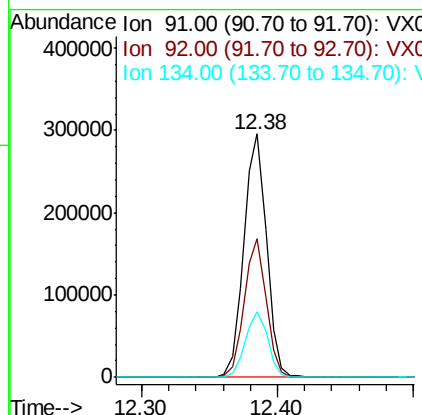
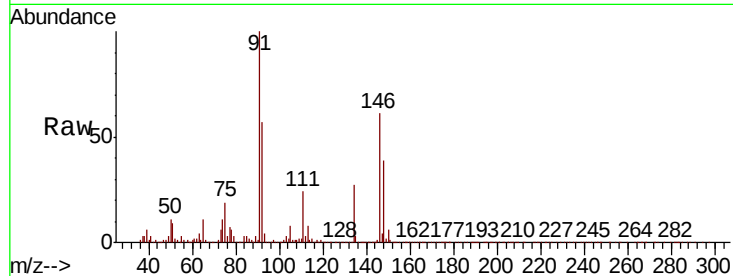
#89  
n-Butylbenzene  
Concen: 18.290 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.1  | 27.4  | 82.2  |
| 134     | 27.0  | 13.5  | 40.4  |

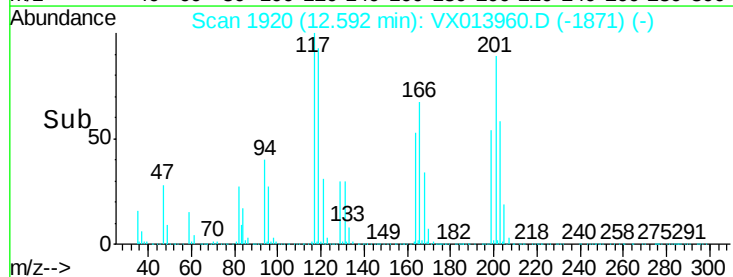
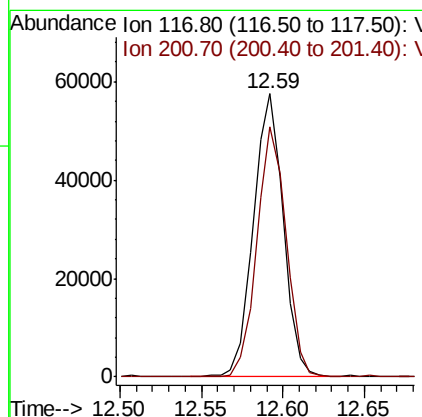
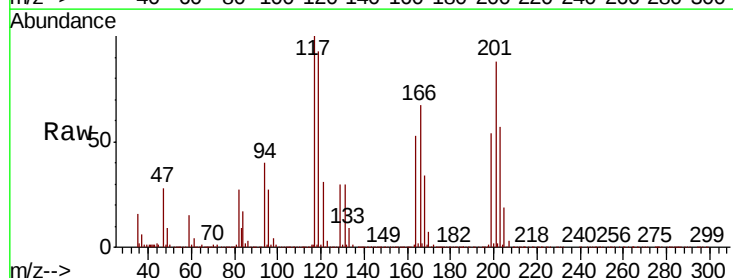
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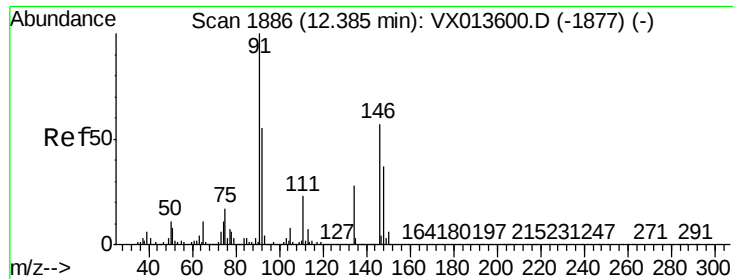
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#90  
Hexachloroethane  
Concen: 18.399 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.1  | 44.1  | 132.4 |





#91

1,2-Dichlorobenzene

Concen: 19.811 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

Instrument :

MSVOA\_X

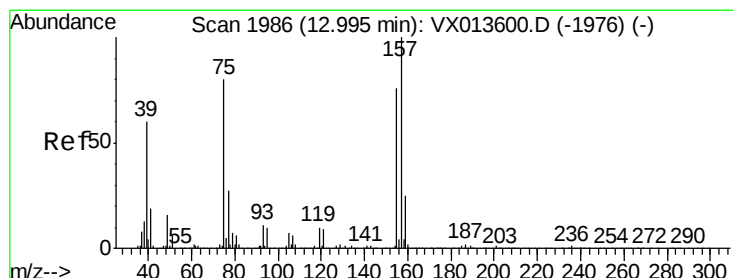
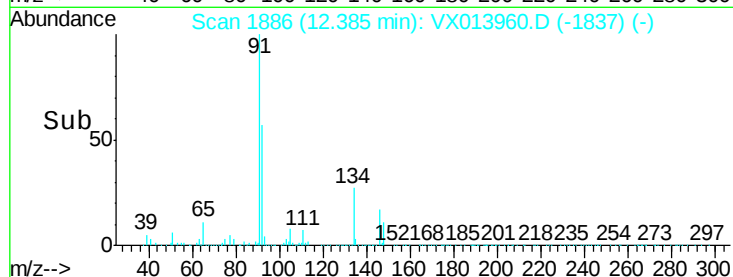
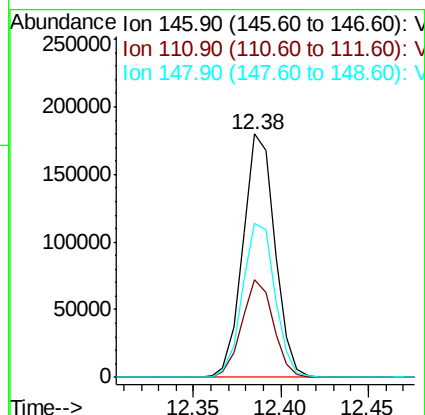
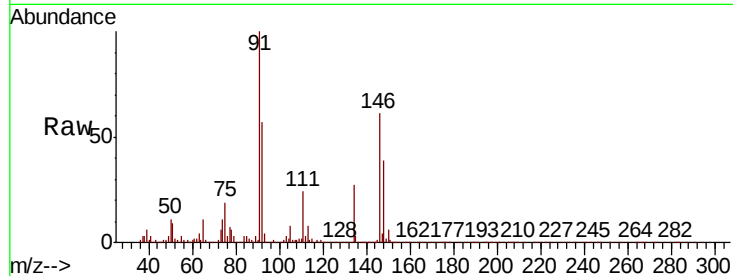
ClientSampleId :

VX1211WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 228760 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.6  | 19.6  | 58.7   |
| 148       | 64.3  | 31.9  | 95.7   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.008 ug/l

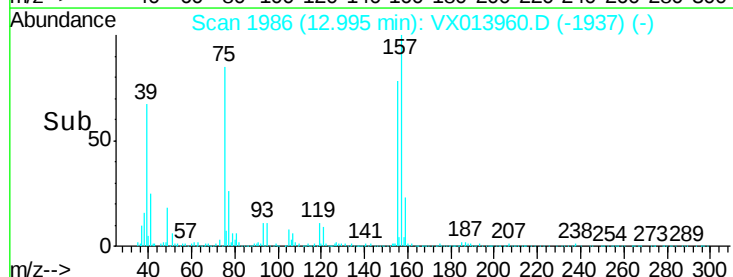
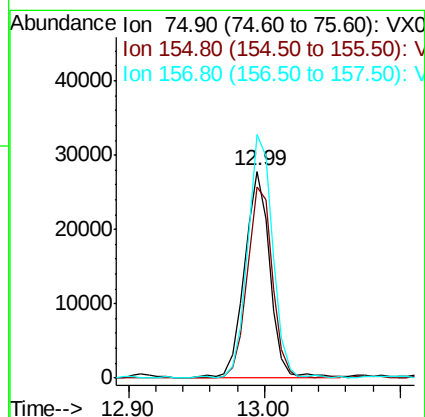
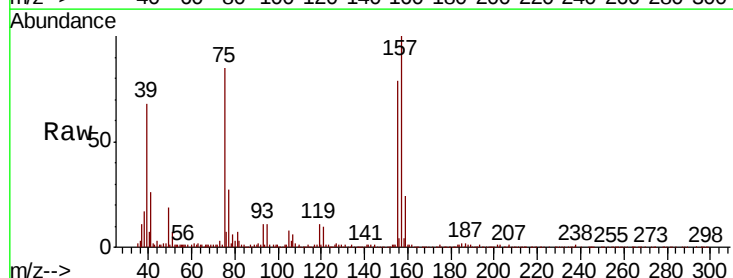
RT: 12.99 min Scan# 1986

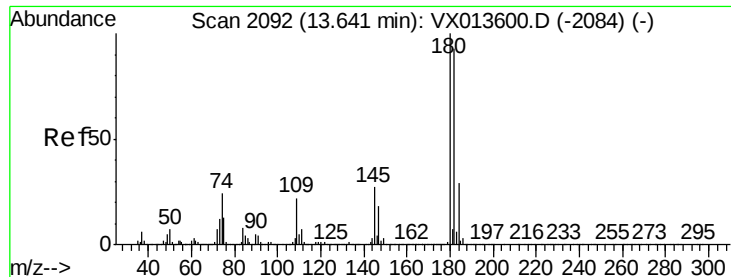
Delta R.T. -0.00 min

Lab File: VX013960.D

Acq: 11 Dec 2019 22:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 35625 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 93.8  | 47.6  | 142.8 |
| 157       | 119.1 | 62.1  | 186.2 |





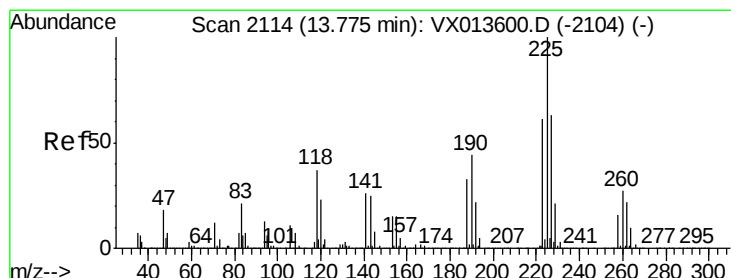
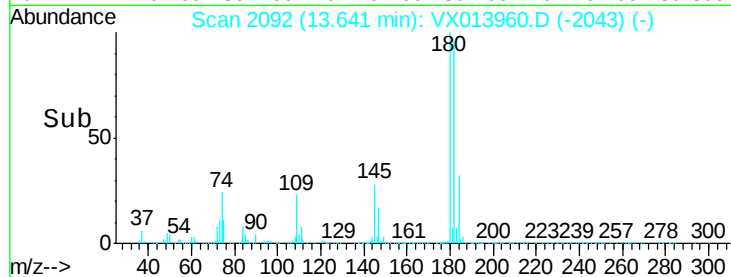
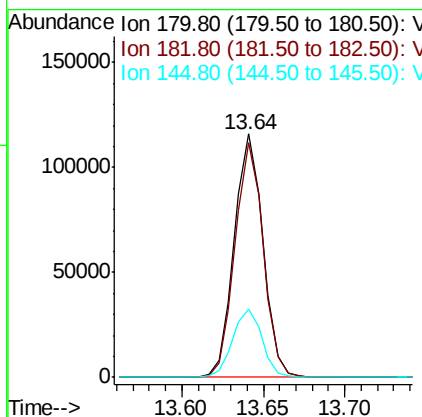
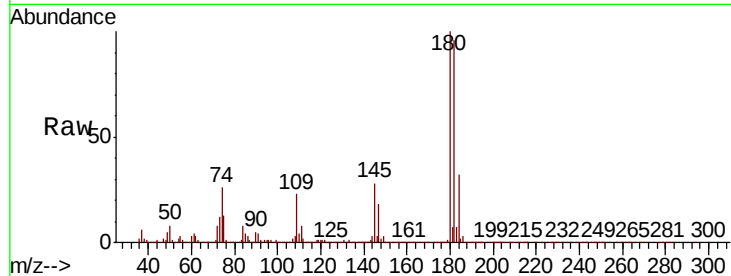
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.646 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 142006 |       |       |
| 182     | 94.7  | 47.2   | 141.6 |       |
| 145     | 28.9  | 13.8   | 41.4  |       |

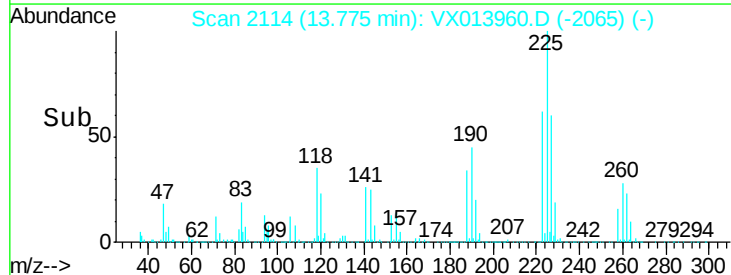
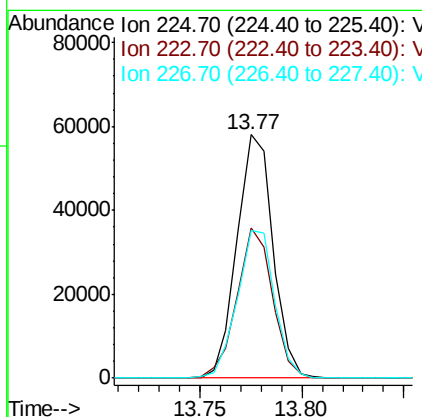
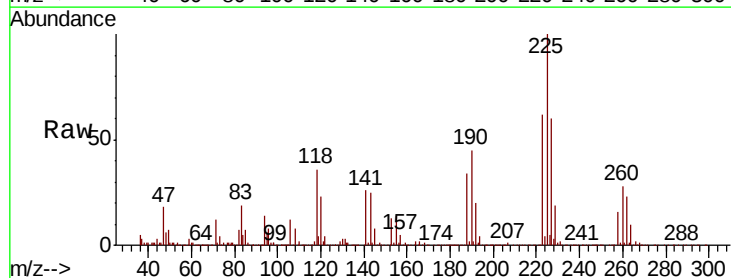
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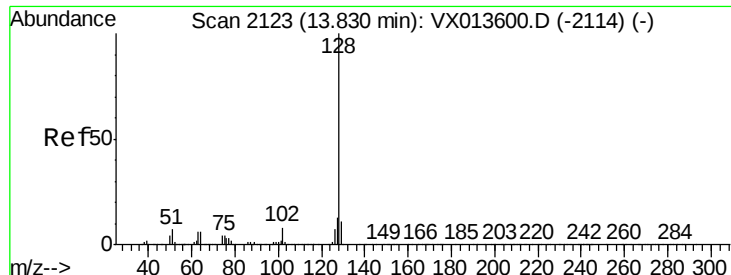
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#94  
 Hexachlorobutadiene  
 Concen: 18.432 ug/l  
 RT: 13.77 min Scan# 2114  
 Delta R.T. -0.00 min  
 Lab File: VX013960.D  
 Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 71256 |       |       |
| 223     | 61.4  | 31.9  | 95.5  |       |
| 227     | 63.1  | 32.1  | 96.3  |       |





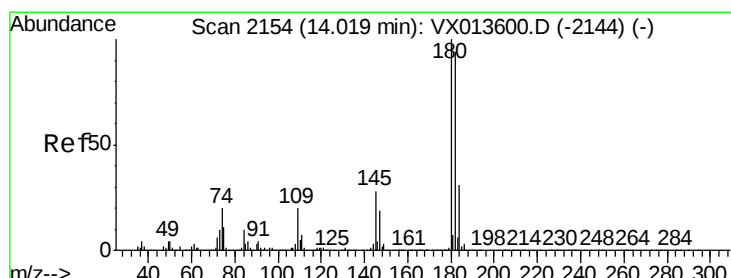
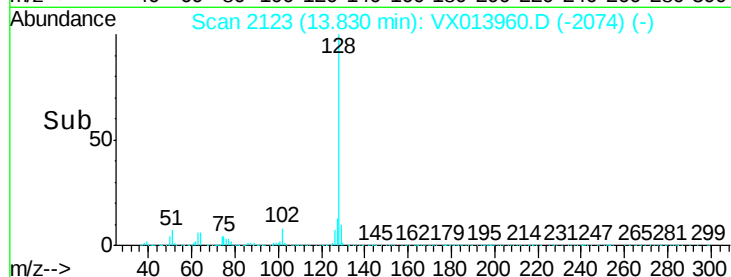
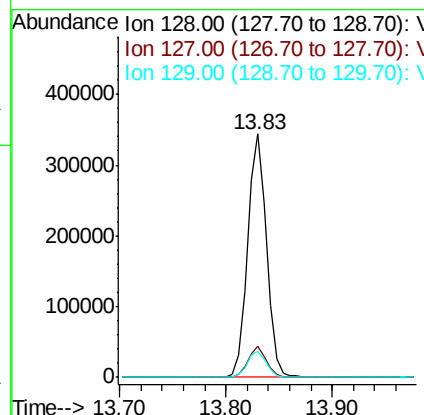
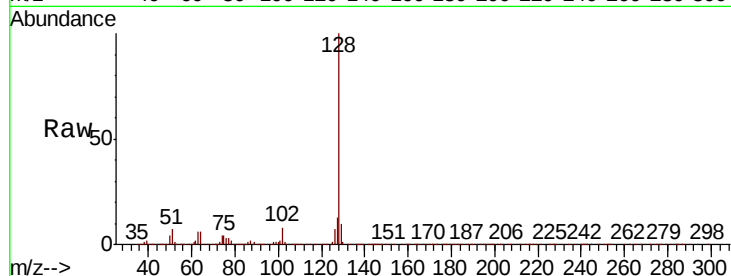
#95  
Naphthalene  
Concen: 17.806 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.3  | 15.5  |
| 129     | 10.9  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.441 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: VX013960.D  
Acq: 11 Dec 2019 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.6  | 142.8 |
| 145     | 31.0  | 15.0  | 45.0  |

