

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\  
 Data File : VX005581.D  
 Acq On : 25 Oct 2018 11:17  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2018 10:02:43 AM

Quant Time: Oct 26 05:41:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 224463   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 324713   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 297610   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 173561   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 123313   | 45.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.00% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 98314    | 44.71 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.42% |      |
| 50) Toluene-d8            | 8.71   | 98  | 376509   | 47.66 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.32% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 143672   | 48.16 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.32% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 141893  | 64.044  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 150819  | 53.453  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 147622  | 53.210  | ug/l   | 99     |
| 5) Bromomethane               | 1.64 | 94  | 91653   | 53.092  | ug/l   | 98     |
| 6) Chloroethane               | 1.72 | 64  | 86165   | 48.617  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 202338  | 52.487  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 75087   | 48.807  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 114136  | 51.603  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 135851  | 58.330  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 177857  | 241.219 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 104324  | 49.512  | ug/l   | 93     |
| 13) Acrolein                  | 2.29 | 56  | 81386   | 216.386 | ug/l   | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 231671  | 49.266  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 386290  | 233.639 | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43  | 413221  | 285.402 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 323418  | 50.354  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 181520  | 50.772  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 363712  | 48.391  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 116110  | 47.882  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 110300  | 47.945  | ug/l   | 96     |
| 22) Diisopropyl ether         | 3.87 | 45  | 407347  | 49.604  | ug/l # | 93     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1874817 | 259.229 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 217112  | 48.629  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 553236  | 250.925 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 168345  | 48.840  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 114760  | 46.271  | ug/l   | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 97698   | 45.244  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 5.15 | 42  | 336033  | 234.197 | ug/l   | 99     |
| 30) Chloroform                | 5.21 | 83  | 197799  | 47.363  | ug/l   | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 189085  | 51.187  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 176576  | 47.905  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 155457  | 49.333  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 189685  | 47.171  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 159591  | 48.085  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102518\  
 Data File : VX005581.D  
 Acq On : 25 Oct 2018 11:17  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2018 10:02:43 AM

Quant Time: Oct 26 05:41:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 187144   | 53.782  | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 438664   | 48.561  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 105960   | 47.305  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 161061   | 46.934  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 283341   | 47.021  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 120400   | 48.925  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 117885   | 48.540  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 76164    | 48.557  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 150142   | 49.319  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 150957   | 51.424  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 63969    | 997.154 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1006070  | 248.429 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 278536   | 50.735  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 171778   | 52.209  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 183311   | 51.748  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 112343   | 48.537  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 178347   | 51.658  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 191983   | 49.021  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 578873   | 300.212 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 848770   | 265.822 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 121562   | 50.338  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 120659   | 50.389  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 122769   | 49.693  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 314147   | 49.570  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 115145   | 49.829  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 544269   | 52.199  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 422877   | 104.535 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 200914   | 52.790  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 339350   | 53.263  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 101865   | 49.400  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 552141   | 52.042  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 267047   | 50.798  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 185003   | 47.265  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 178688m  | 48.592  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 146222   | 49.453  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 654930   | 53.986  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 380365   | 50.568  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 483261   | 53.247  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 57742    | 51.307  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 457332   | 51.562  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 473313   | 52.318  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 497078   | 54.040  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 580404   | 53.765  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 526212   | 54.528  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 277630   | 49.933  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 281217   | 48.454  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 480168   | 55.116  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 84589    | 50.822  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 275610   | 48.994  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 46767    | 49.415  | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\  
Data File : VX005581.D  
Acq On : 25 Oct 2018 11:17  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

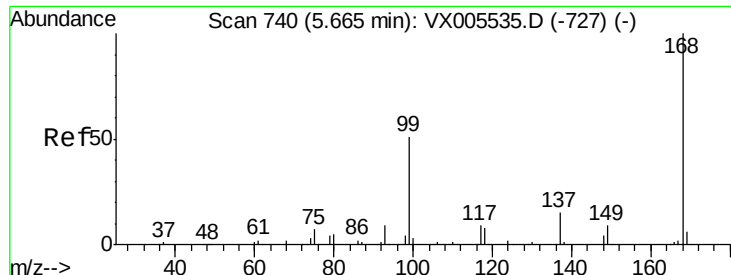
MMDadoda  
10/26/2018 10:02:43 AM

Quant Time: Oct 26 05:41:24 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 25 02:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 213924   | 52.461 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 110198   | 52.147 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 635860   | 53.644 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 217389   | 52.590 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 224463

Ion Ratio Lower Upper

168 100

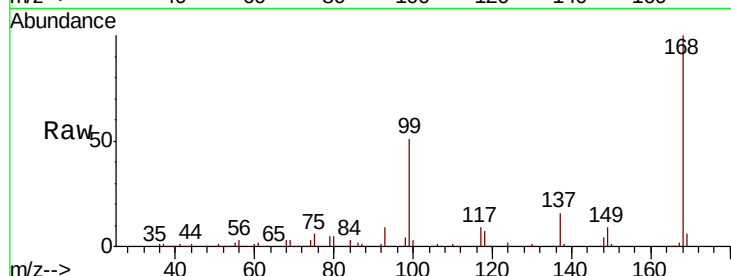
99 50.4 40.7 61.1

Manual Integrations

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10/26/2018 10:02:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

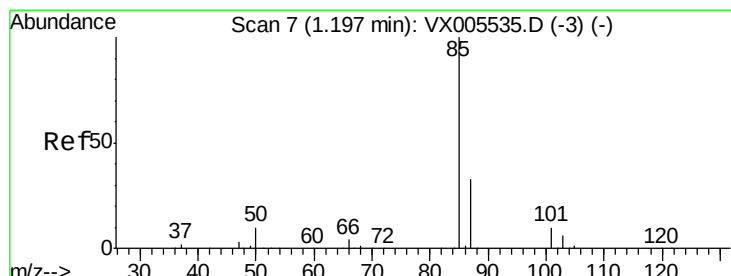
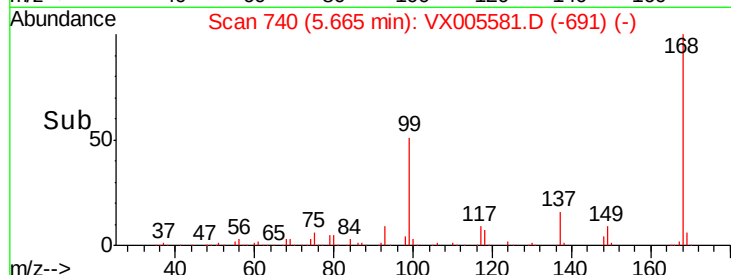
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 64.044 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005581.D

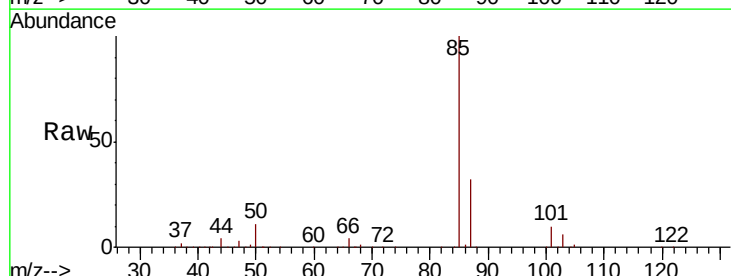
Acq: 25 Oct 2018 11:17

Tgt Ion: 85 Resp: 141893

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

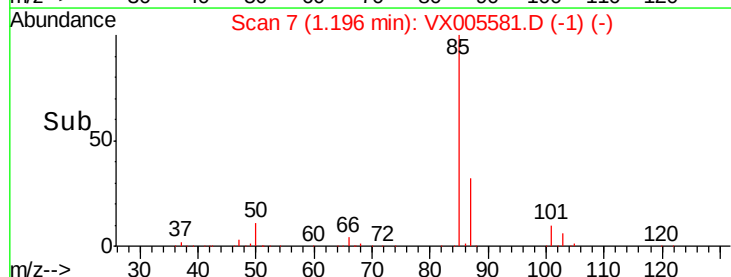
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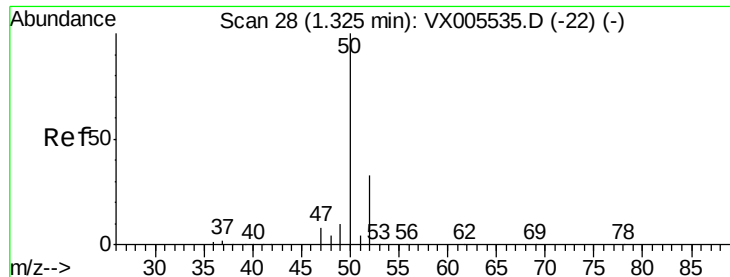
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.453 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 150819

Ion Ratio Lower Upper

50 100

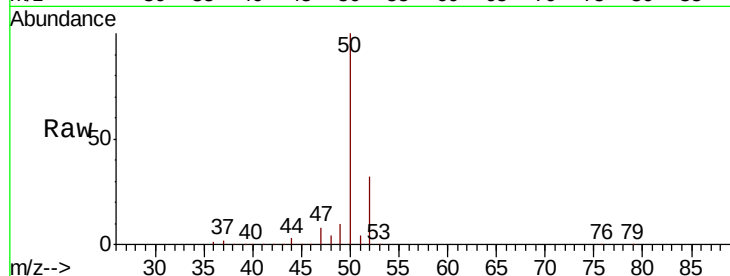
52 31.9 26.2 39.2

Manual Integrations

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10/26/2018 10:02:43 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

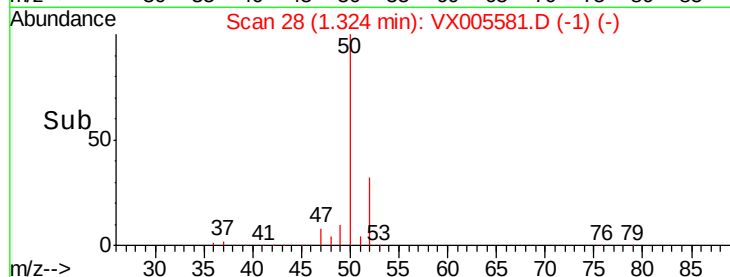
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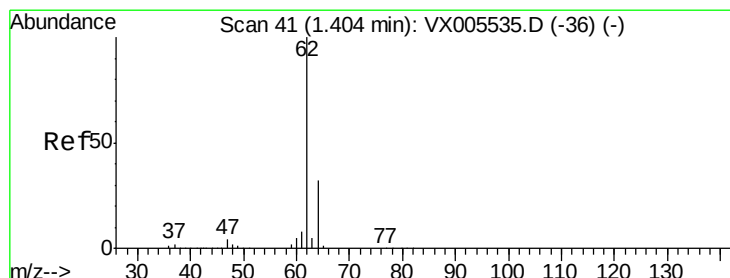
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0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 53.210 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005581.D

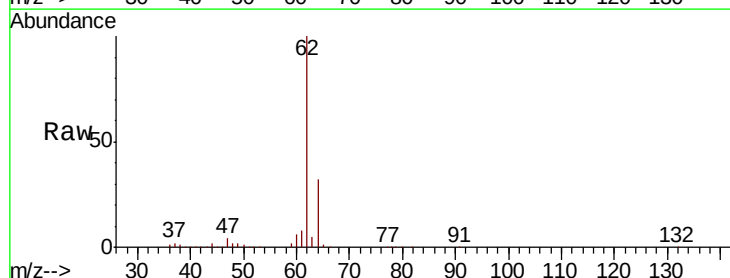
Acq: 25 Oct 2018 11:17

Tgt Ion: 62 Resp: 147622

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

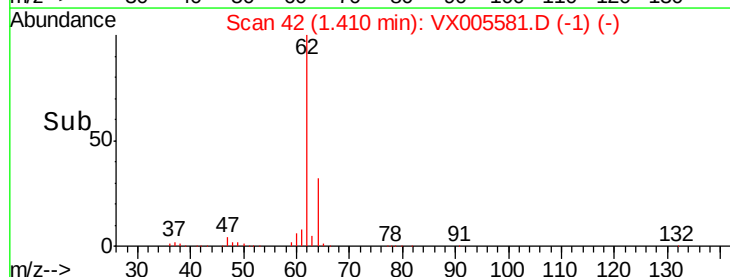
150000

100000

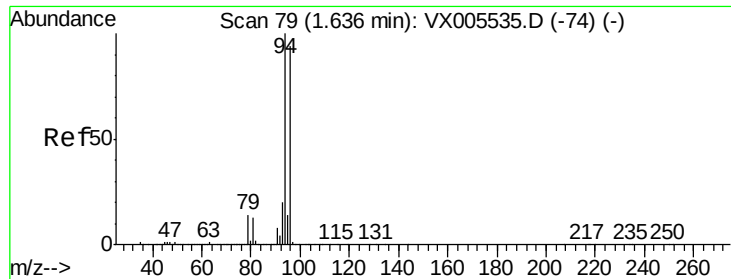
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 53.092 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91653

Ion Ratio Lower Upper

94 100

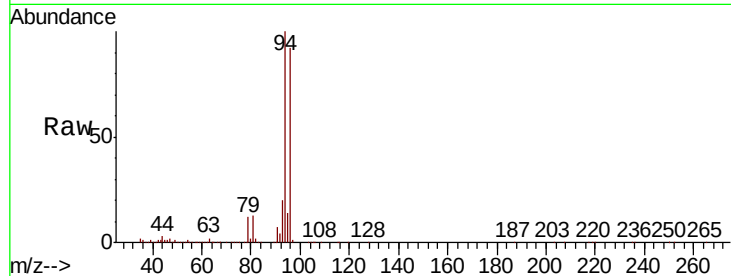
96 92.5 75.2 112.8

Manual Integrations

APPROVED

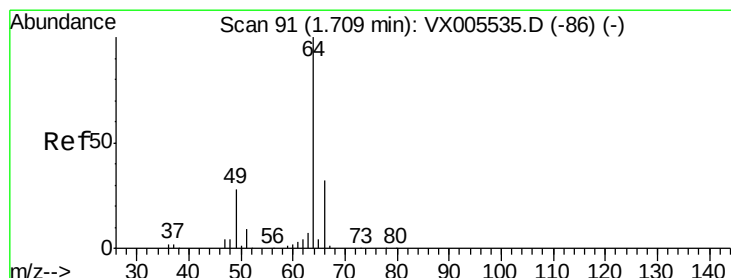
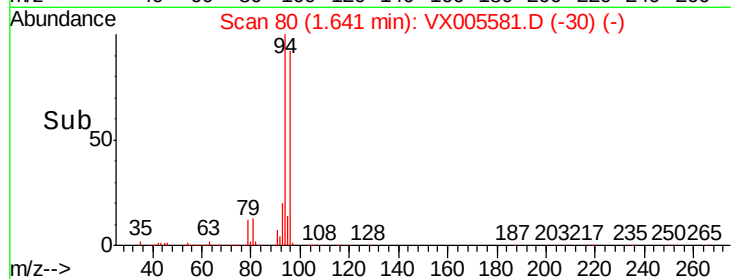
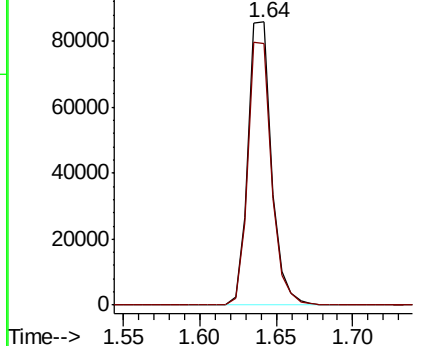
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10/26/2018 10:02:43 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.617 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005581.D

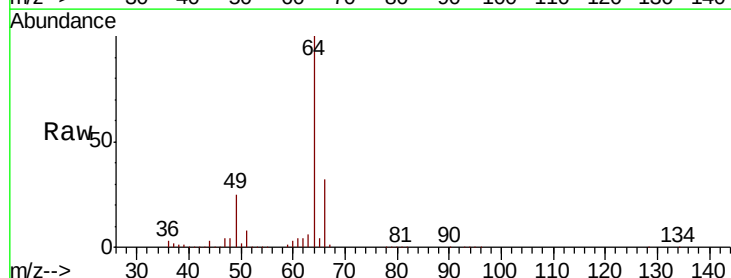
Acq: 25 Oct 2018 11:17

Tgt Ion: 64 Resp: 86165

Ion Ratio Lower Upper

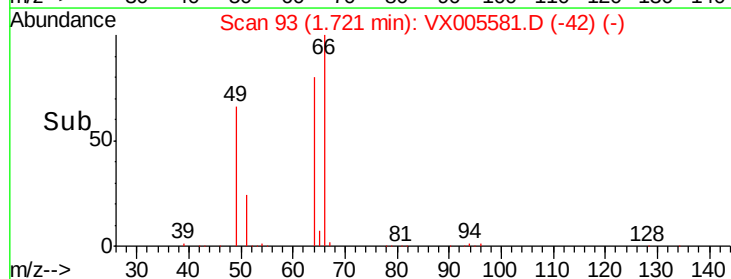
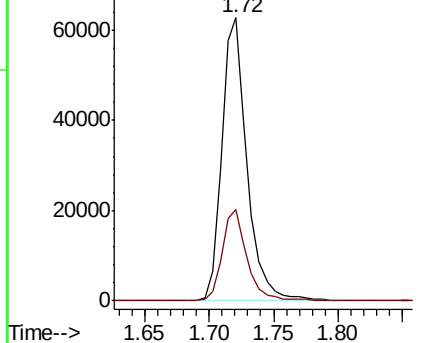
64 100

66 32.2 25.8 38.6

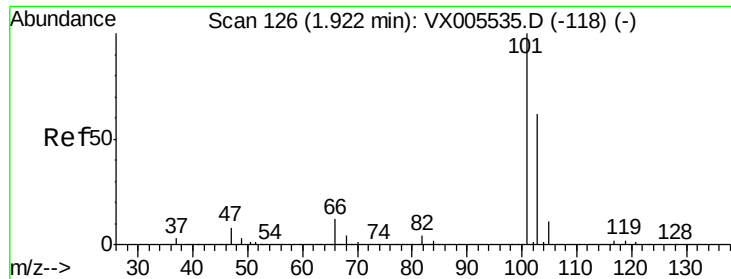


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

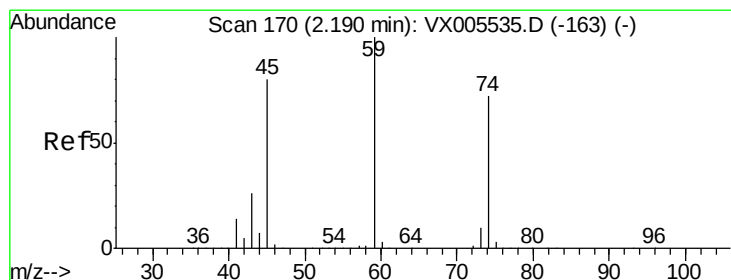
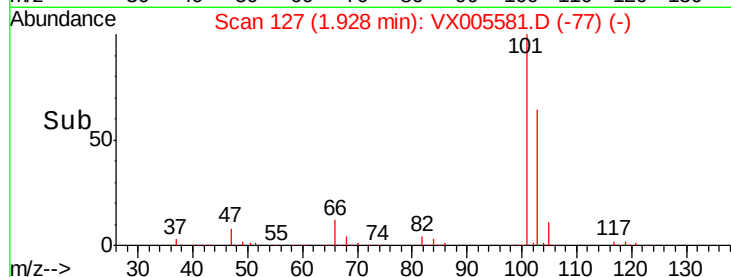
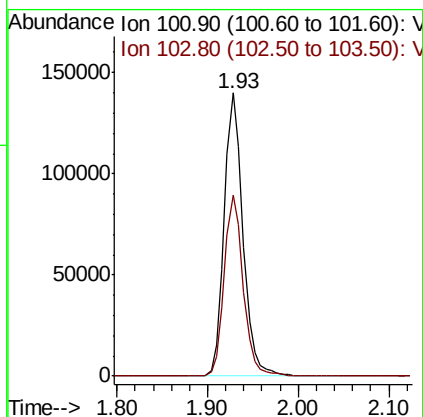
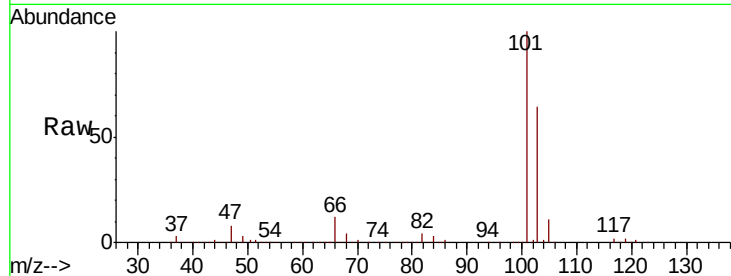
Trichlorofluoromethane  
Concen: 52.487 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.8  | 50.0  | 75.0  |

Manual Integrations  
APPROVED

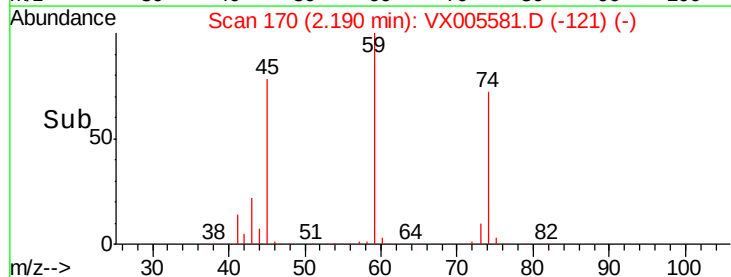
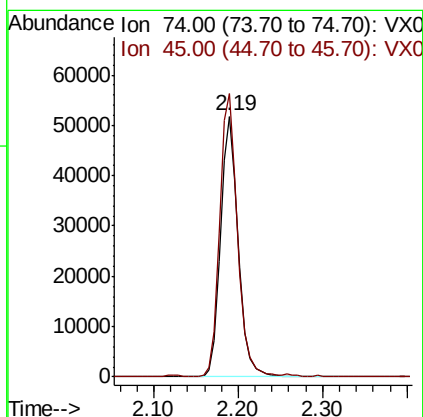
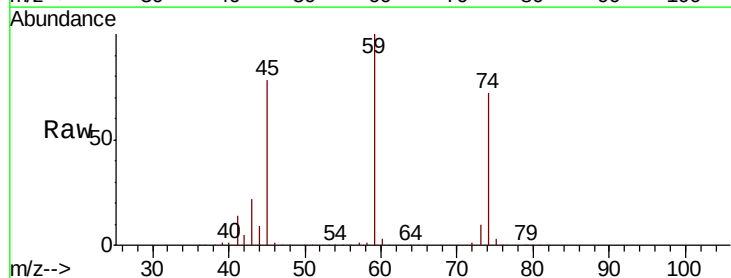
MMDadoda  
10/26/2018 10:02:43 AM



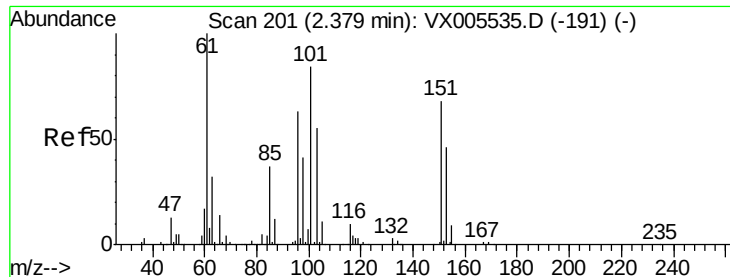
#8

Diethyl Ether  
Concen: 48.807 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 108.7 | 54.1  | 162.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.603 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

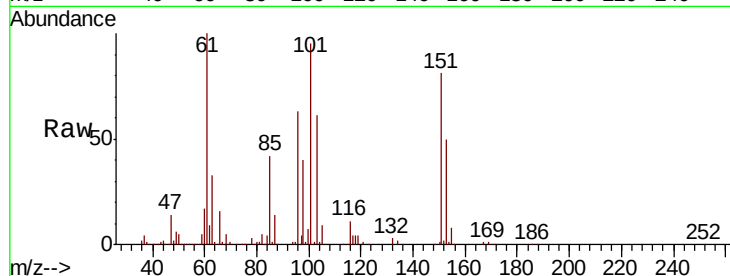
ClientSampleId :

VSTDCCC050

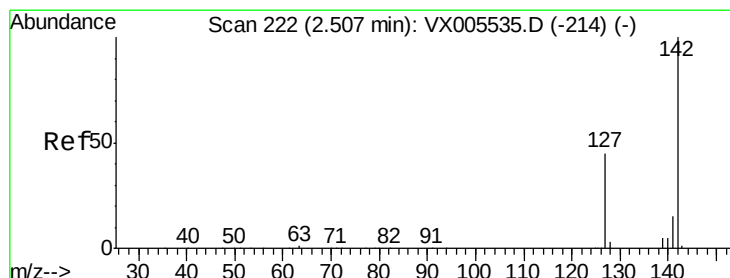
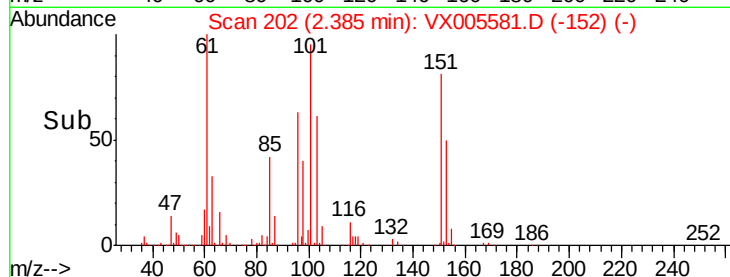
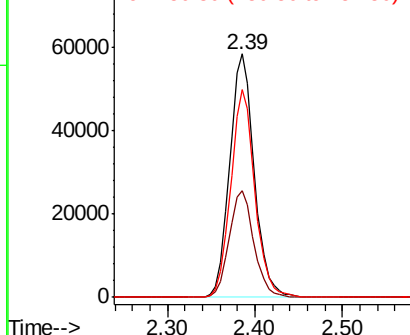
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 114136 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.1  | 35.0  | 52.4   |
| 151       | 84.0  | 66.2  | 99.2   |

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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.330 ug/l

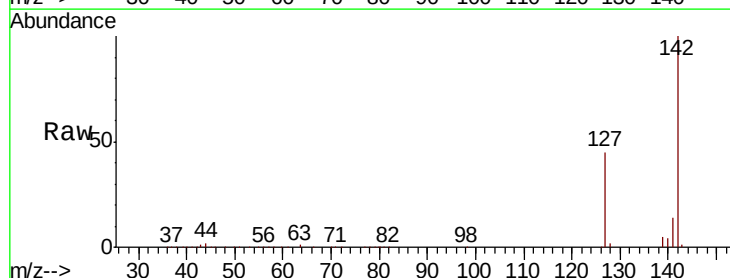
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

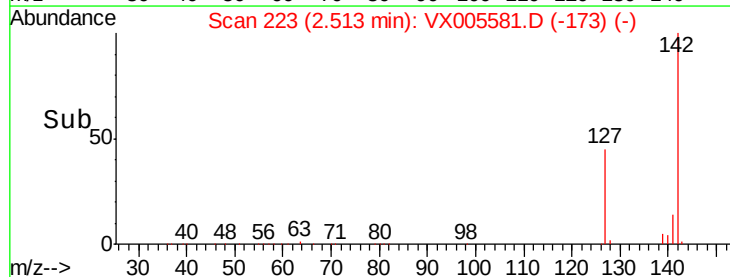
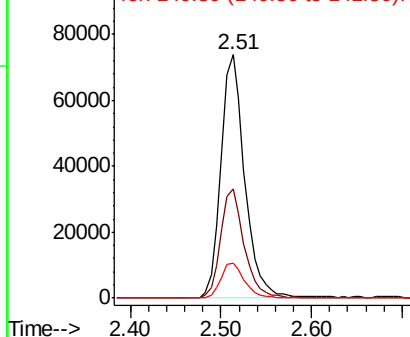
Lab File: VX005581.D

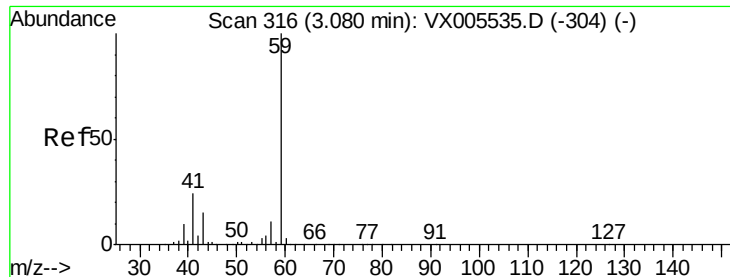
Acq: 25 Oct 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 135851 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.3  | 36.0  | 54.0   |
| 141       | 14.5  | 11.7  | 17.5   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





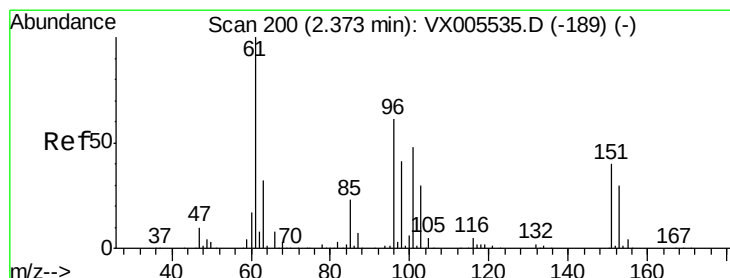
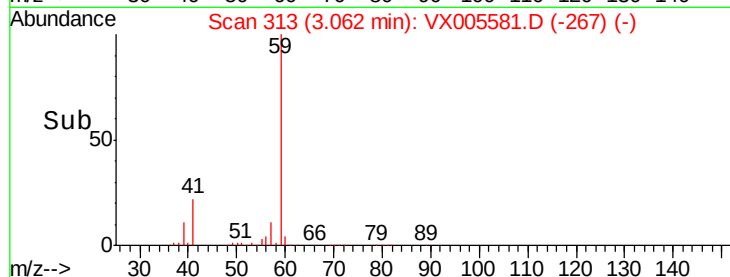
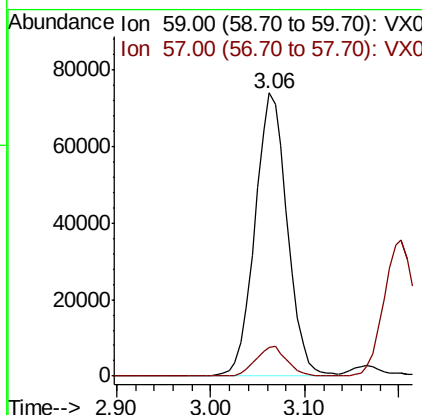
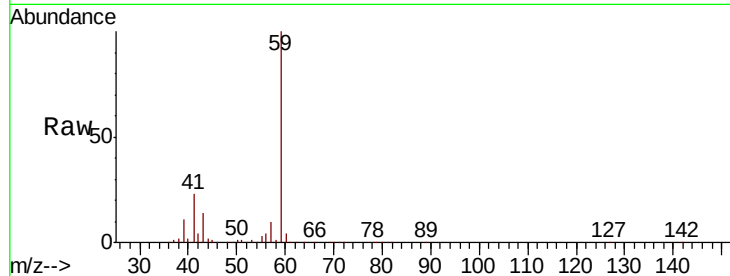
#11  
Tert butyl alcohol  
Concen: 241.219 ug/l  
RT: 3.06 min Scan# 313  
Delta R.T. -0.02 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.5   | 12.7  |

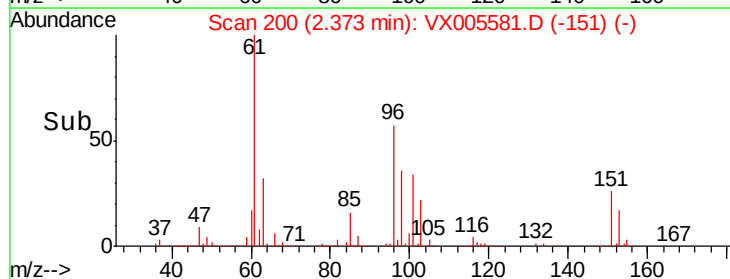
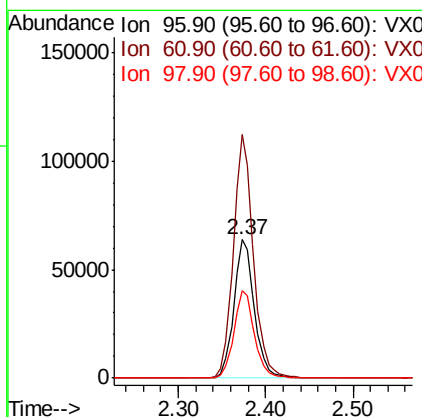
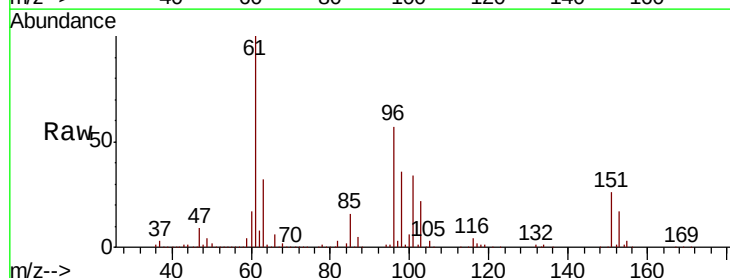
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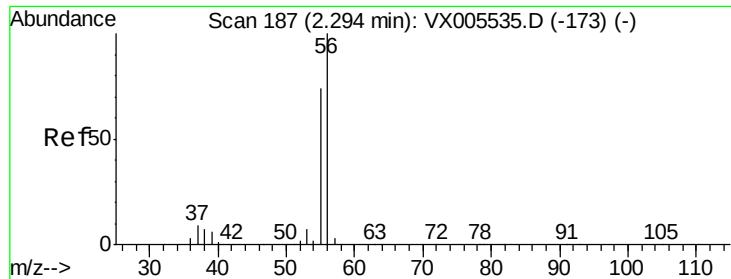
MMDadoda  
10/26/2018 10:02:43 AM



#12  
1,1-Dichloroethene  
Concen: 49.512 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 175.9 | 131.8 | 197.8 |
| 98      | 63.0  | 53.4  | 80.2  |





#13

Acrolein

Concen: 216.386 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 81386

Ion Ratio Lower Upper

56 100

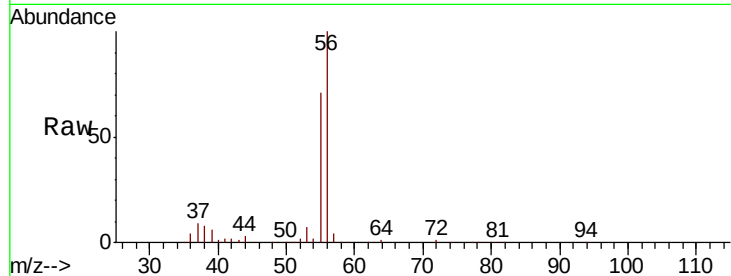
55 72.4 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

10000

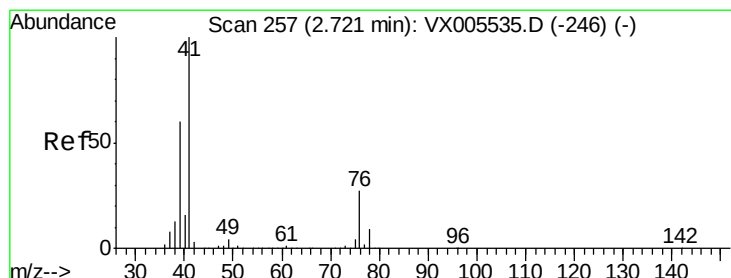
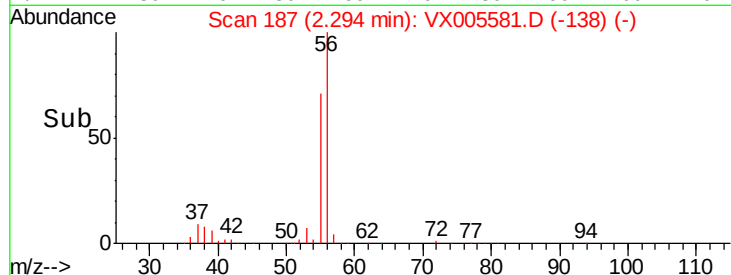
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 49.266 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

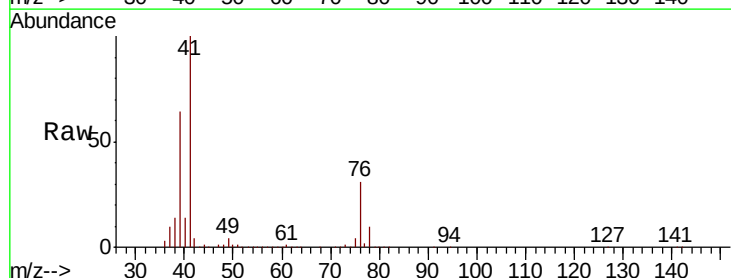
Tgt Ion: 41 Resp: 231671

Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 28.3 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

100000

50000

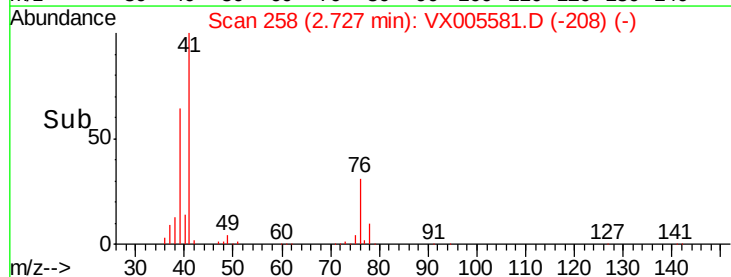
0

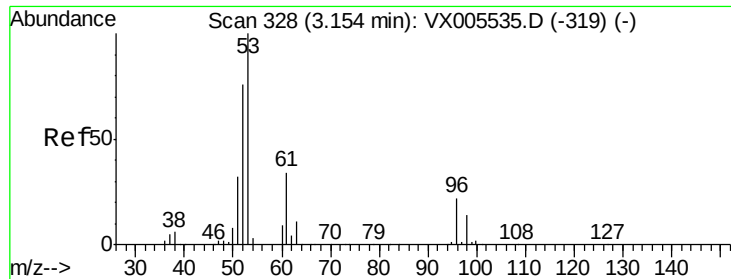
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 233.639 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

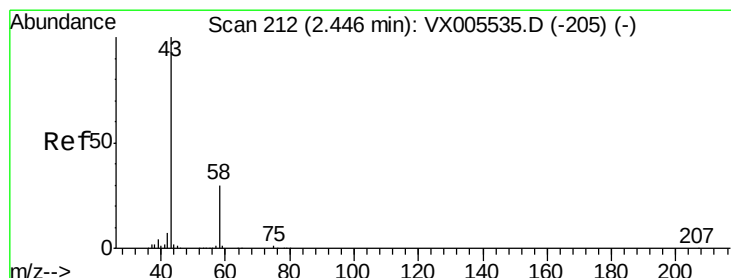
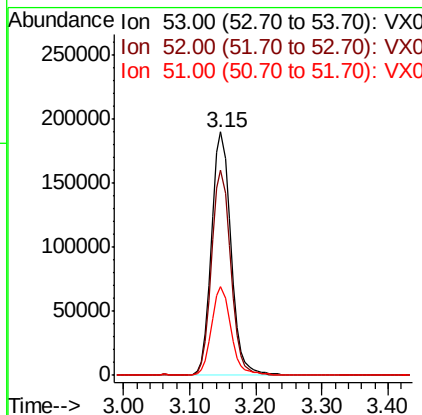
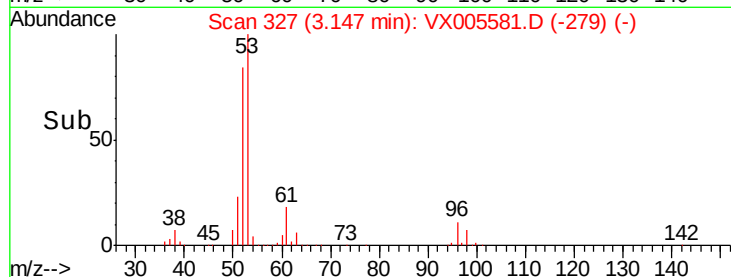
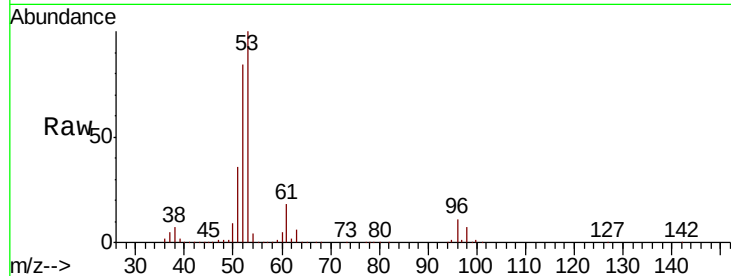
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 386290 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.4  | 66.6  | 99.8   |
| 51       | 36.3  | 28.4  | 42.6   |

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#16

Acetone

Concen: 285.402 ug/l

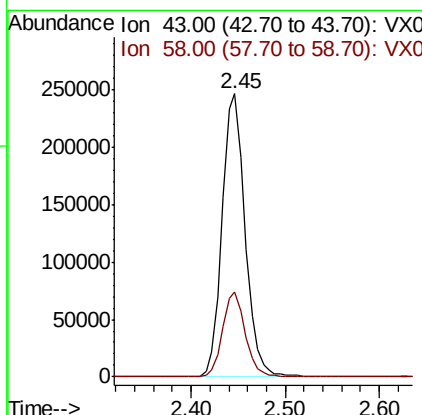
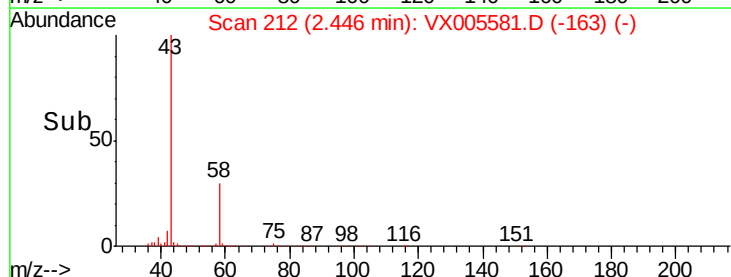
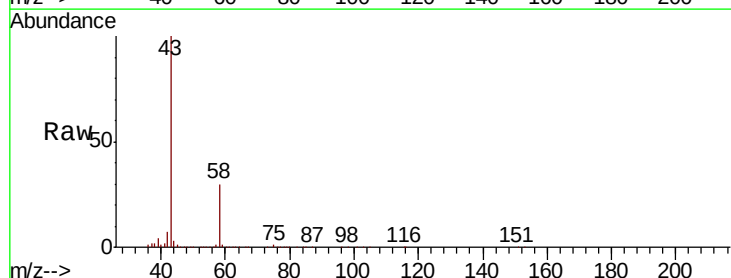
RT: 2.45 min Scan# 212

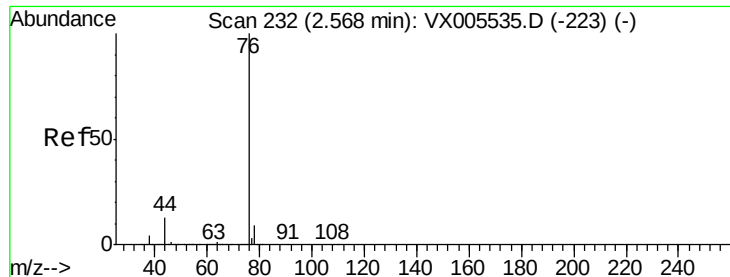
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 413221 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.9  | 23.8  | 35.6   |





#17

Carbon Disulfide

Concen: 50.354 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 323418

Ion Ratio Lower Upper

76 100

78 9.0

7.3

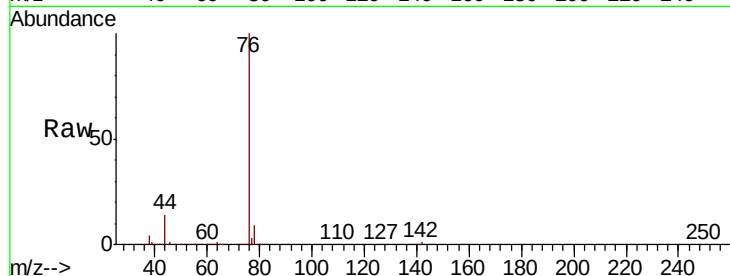
10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

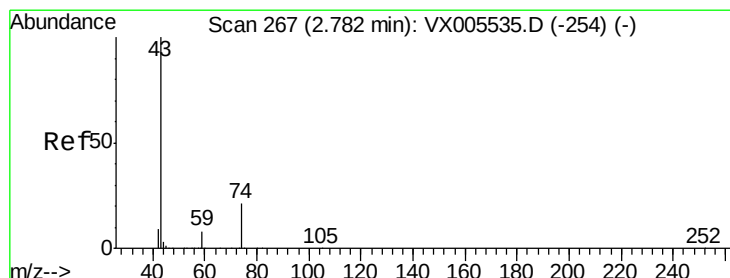
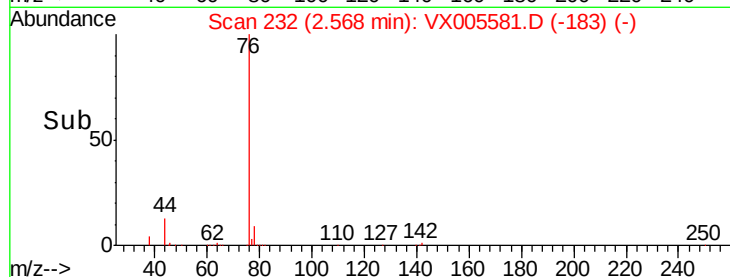
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.772 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Tgt Ion: 43 Resp: 181520

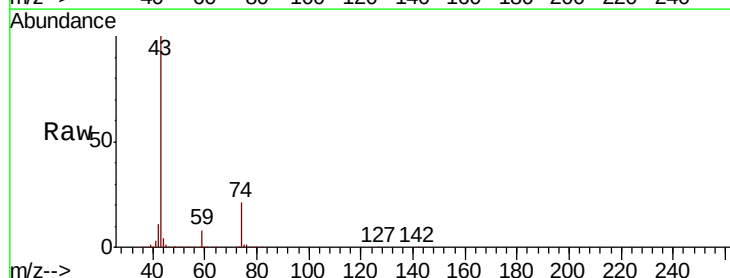
Ion Ratio Lower Upper

43 100

74 21.1

16.8

25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

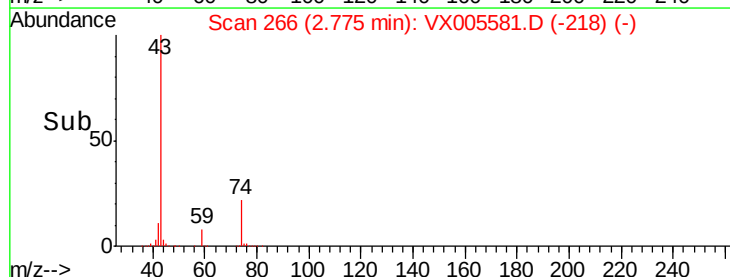
60000

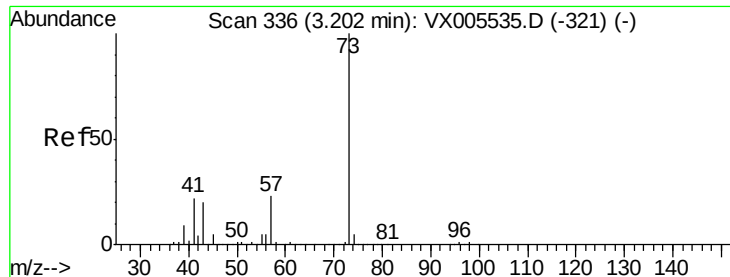
40000

20000

0

Time-->





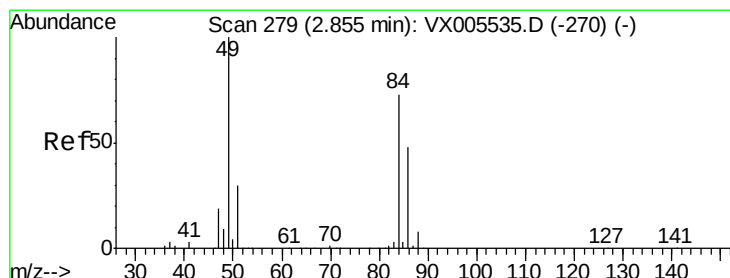
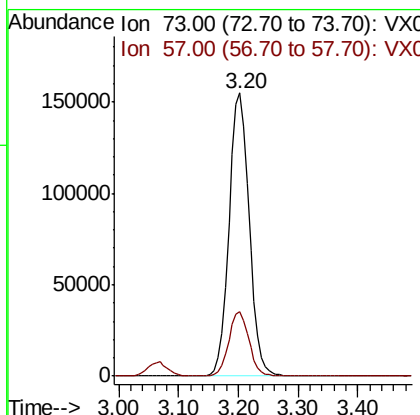
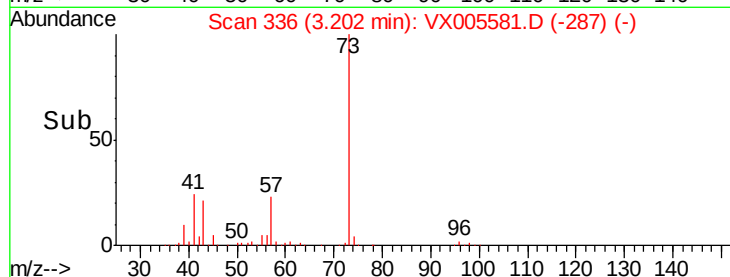
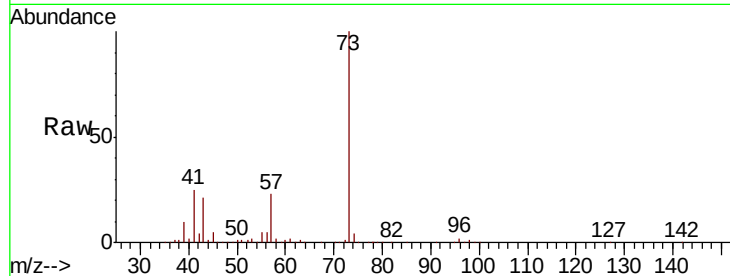
#19  
Methyl tert-butyl Ether  
Concen: 48.391 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.9  | 18.8  | 28.2  |

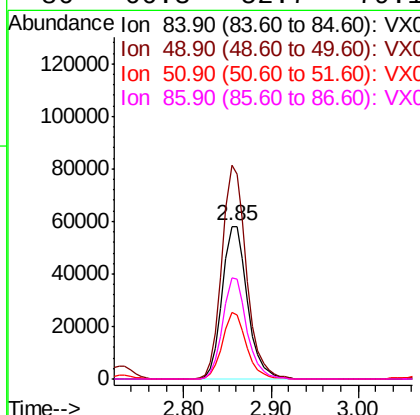
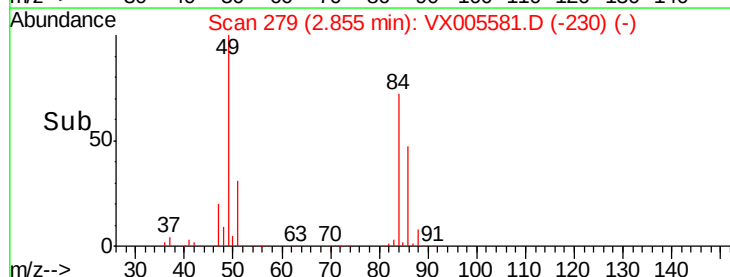
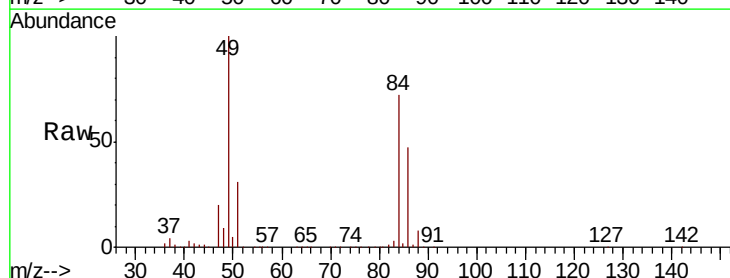
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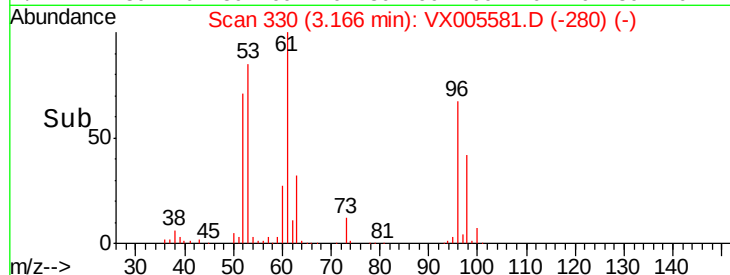
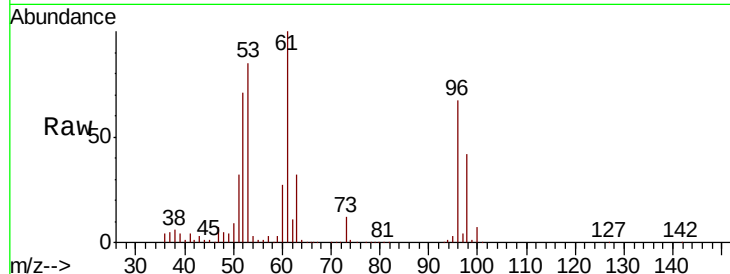
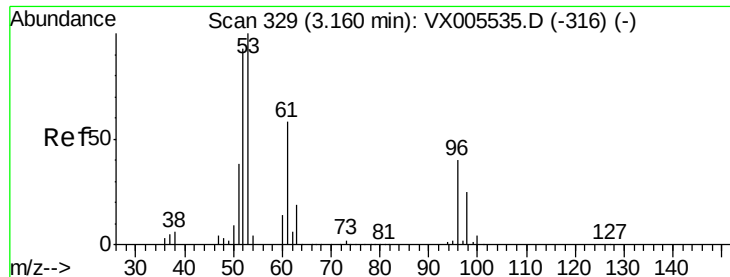
MMDadoda  
10/26/2018 10:02:43 AM



#20  
Methylene Chloride  
Concen: 47.882 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 139.6 | 109.5 | 164.3 |
| 51      | 43.2  | 33.3  | 49.9  |
| 86      | 66.3  | 52.7  | 79.1  |





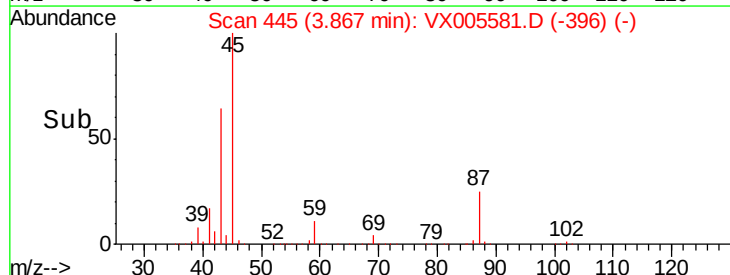
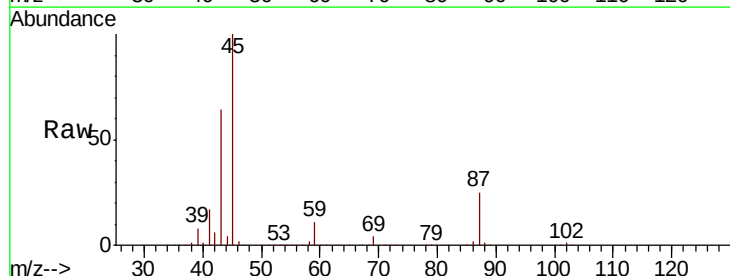
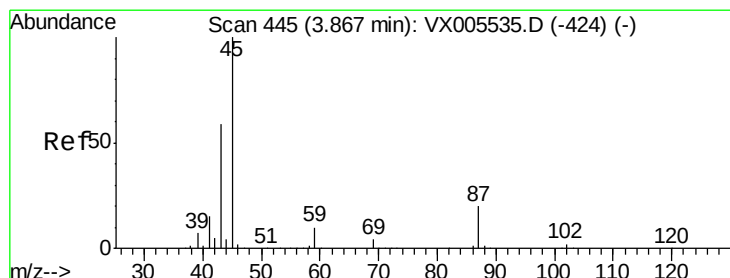
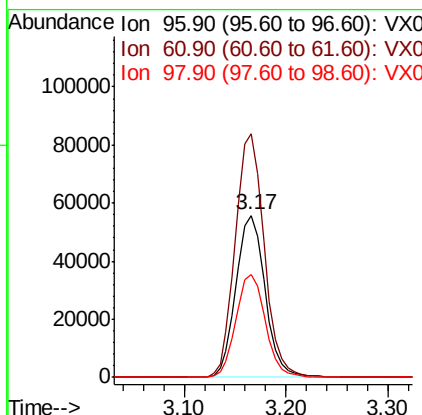
#21  
trans-1,2-Dichloroethene  
Concen: 47.945 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.3 | 115.6 | 173.4 |
| 98      | 63.6  | 50.2  | 75.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

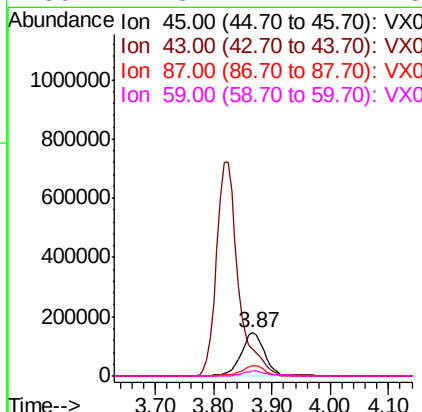
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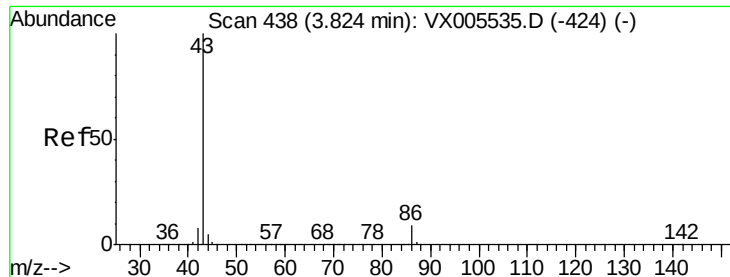


#22  
Diisopropyl ether  
Concen: 49.604 ug/l  
RT: 3.87 min Scan# 445  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 63.5  | 47.4  | 71.2  |
| 87      | 24.7  | 15.9  | 23.9  |
| 59      | 11.3  | 7.7   | 11.5  |







#23

Vinyl Acetate

Concen: 259.229 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1874817

Ion Ratio Lower Upper

43 100

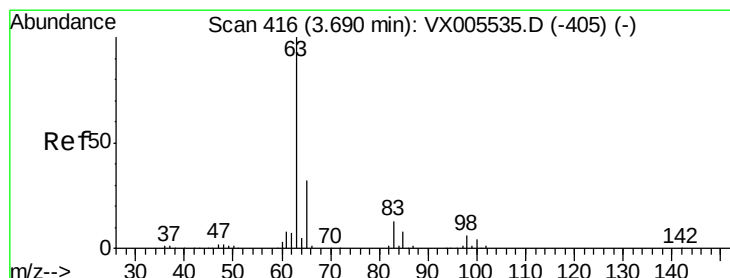
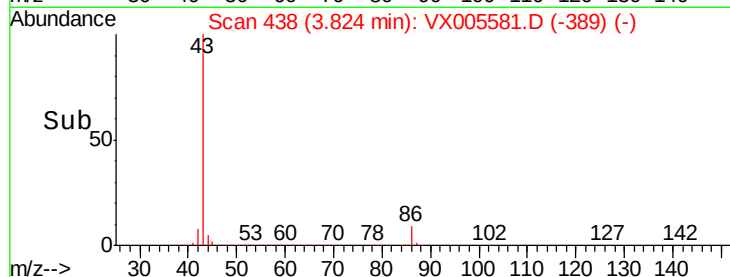
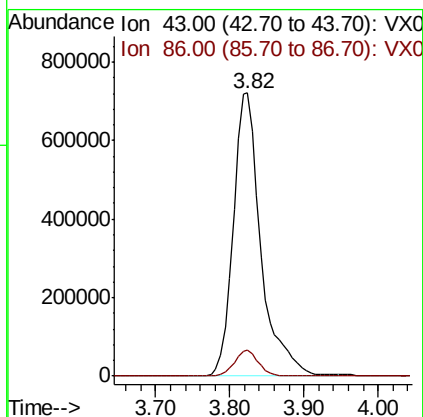
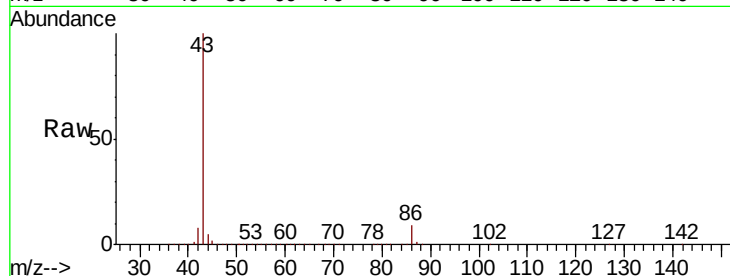
86 9.0 7.4 11.2

Manual Integrations

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MMDadoda

10/26/2018 10:02:43 AM



#24

1,1-Dichloroethane

Concen: 48.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

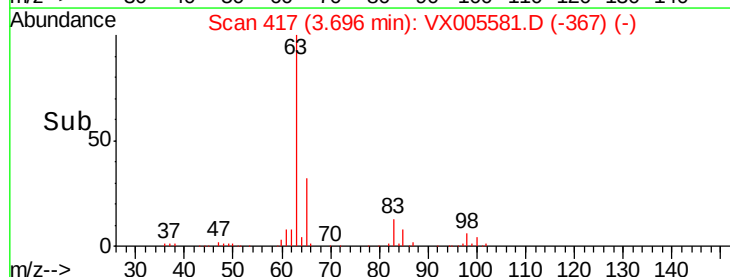
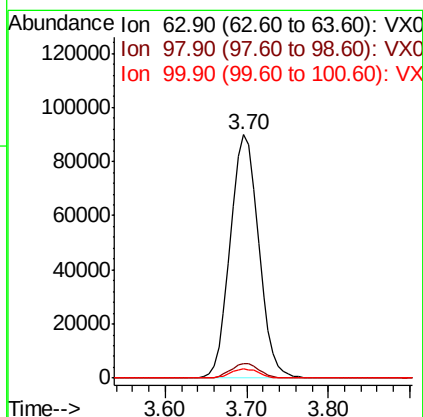
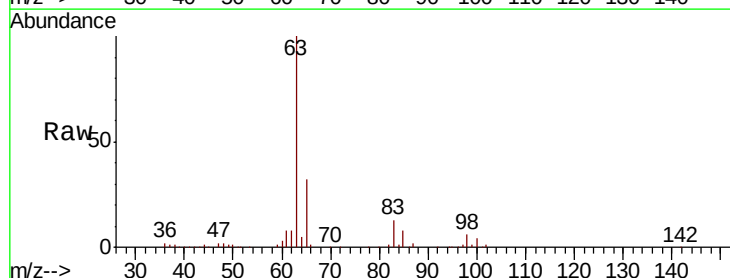
Tgt Ion: 63 Resp: 217112

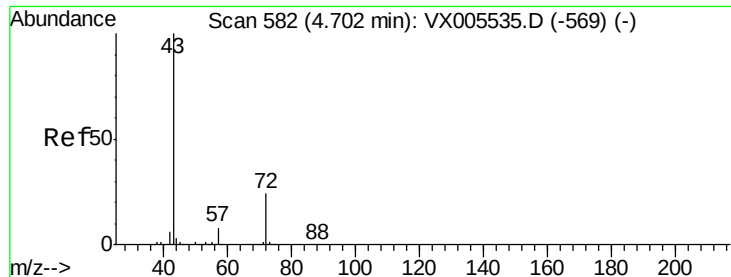
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 250.925 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 553236

Ion Ratio Lower Upper

43 100

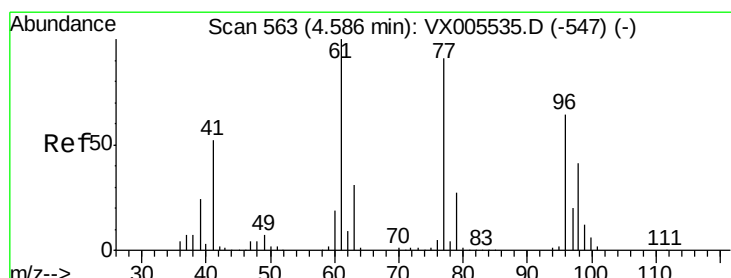
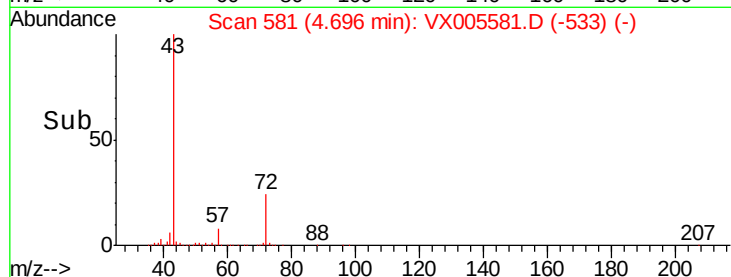
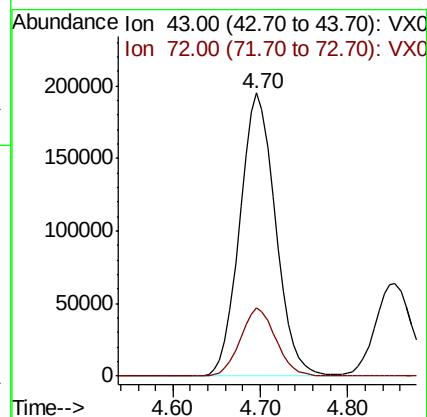
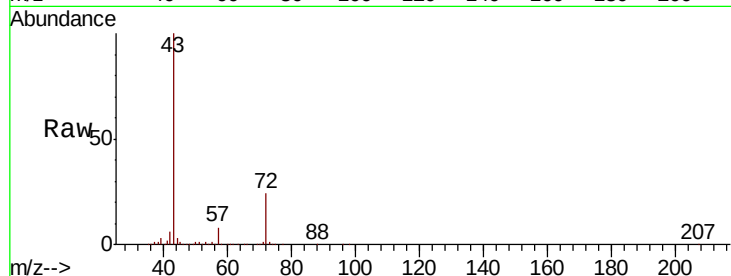
72 23.9 19.2 28.8

Manual Integrations

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MMDadoda

10/26/2018 10:02:43 AM



#26

2,2-Dichloropropane

Concen: 48.840 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005581.D

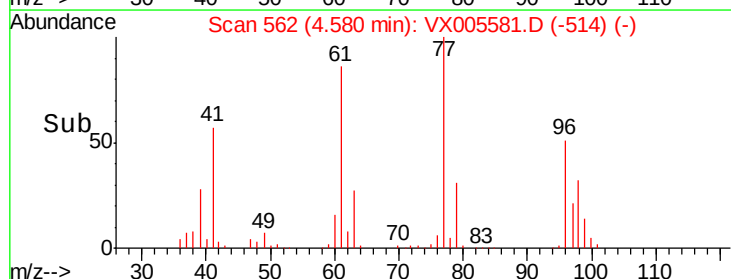
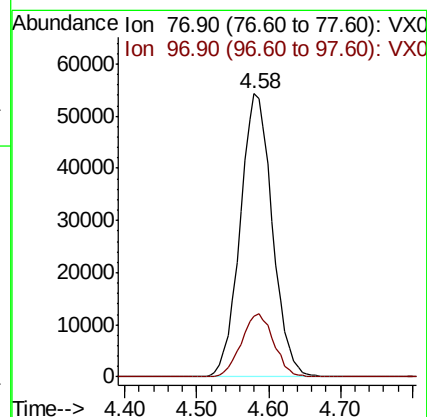
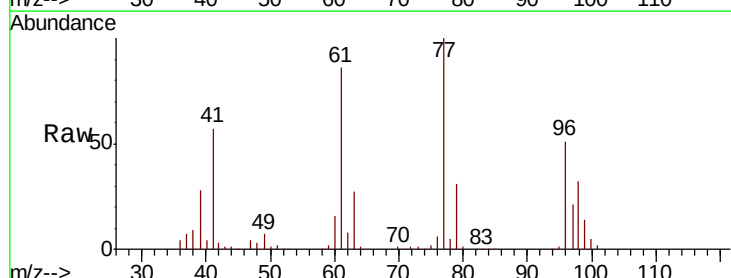
Acq: 25 Oct 2018 11:17

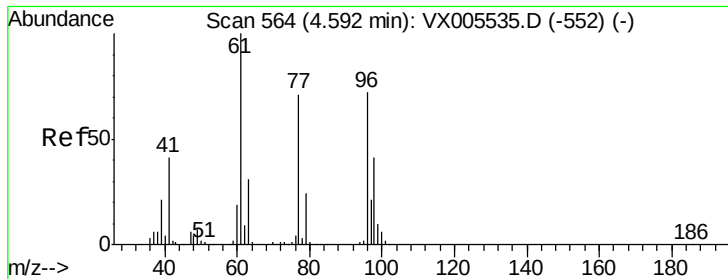
Tgt Ion: 77 Resp: 168345

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5





#27

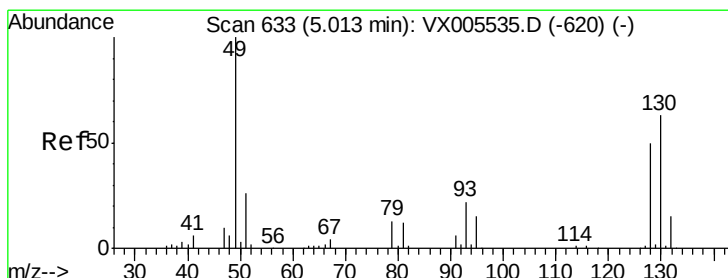
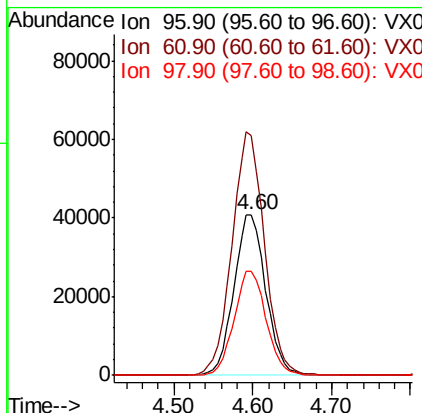
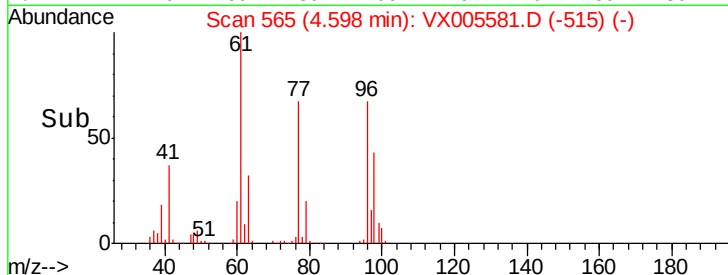
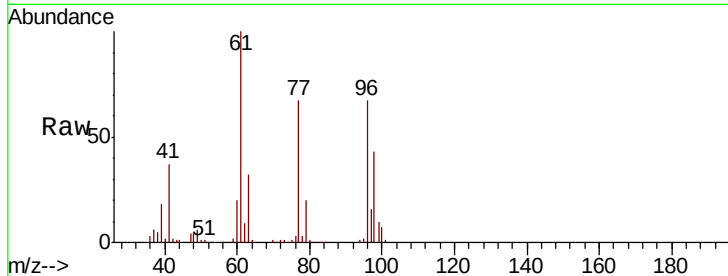
cis-1,2-Dichloroethene  
 Concen: 46.271 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.01 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 154.3 | 0.0  | 304.6 |       |
| 98      | 65.3  | 0.0  | 127.4 |       |

Manual Integrations  
 APPROVED

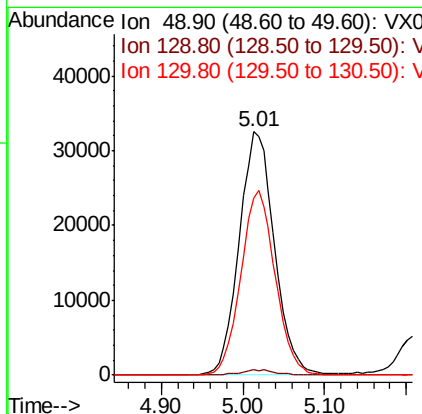
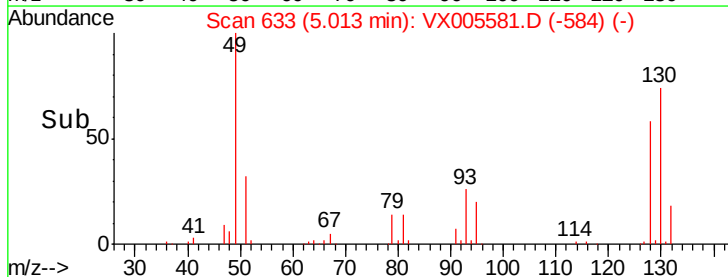
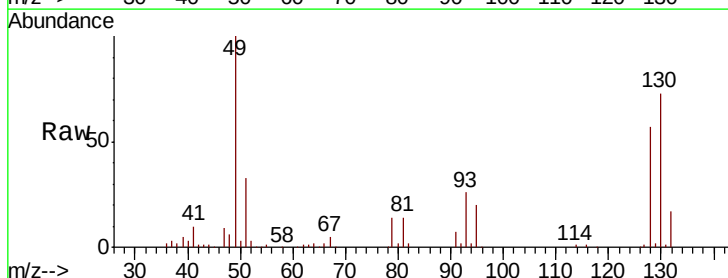
MMDadoda  
 10/26/2018 10:02:43 AM

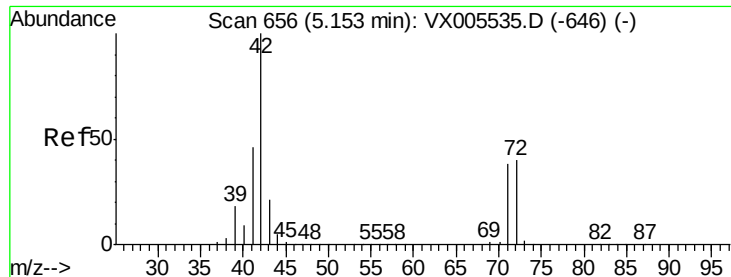


#28

Bromochloromethane  
 Concen: 45.244 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.0   |       |
| 130     | 73.9  | 58.9 | 88.3  |       |





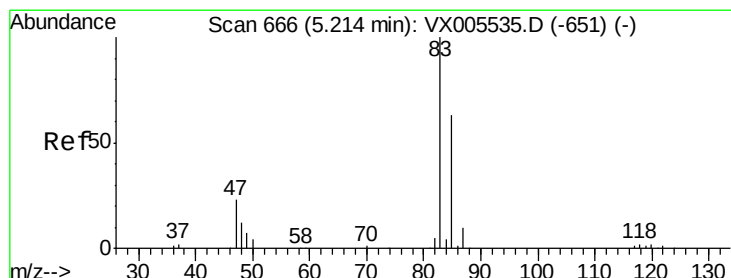
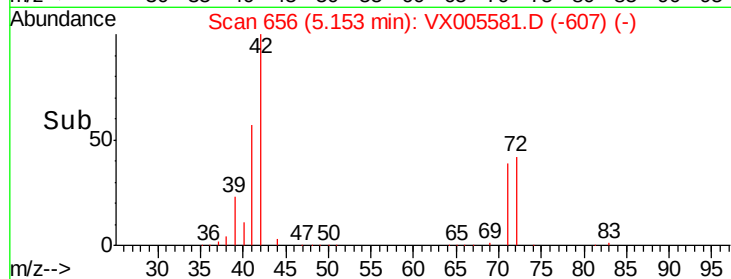
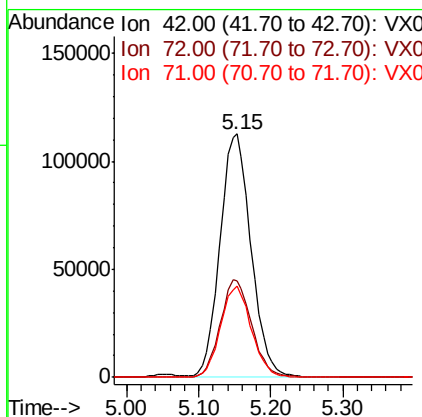
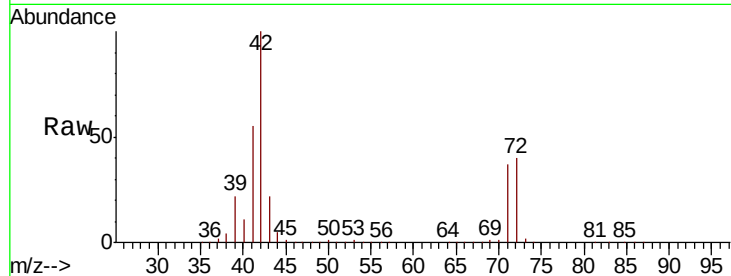
#29  
Tetrahydrofuran  
Concen: 234.197 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.6  | 32.0  | 48.0  |
| 71      | 37.4  | 29.8  | 44.8  |

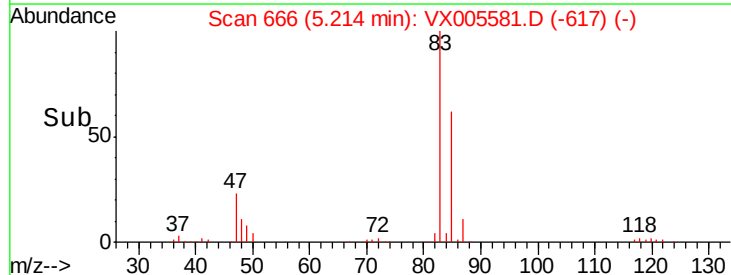
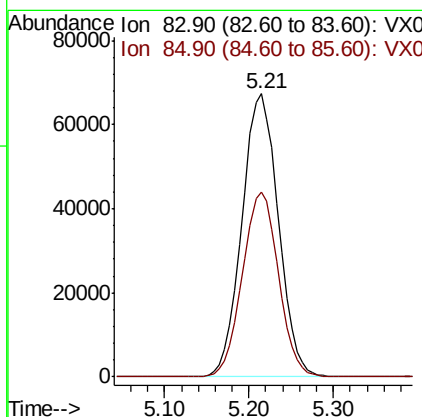
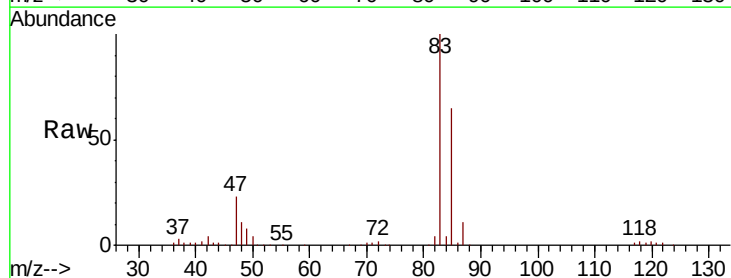
Manual Integrations  
APPROVED

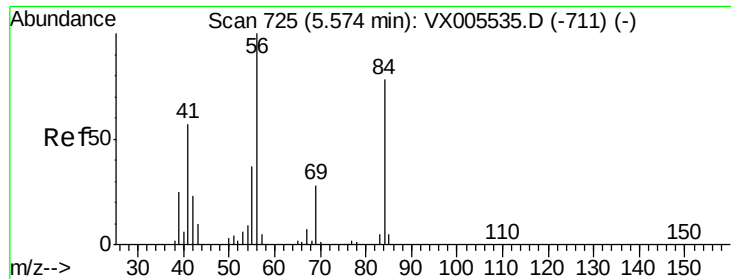
MMDadoda  
10/26/2018 10:02:43 AM



#30  
Chloroform  
Concen: 47.363 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 50.6  | 76.0  |





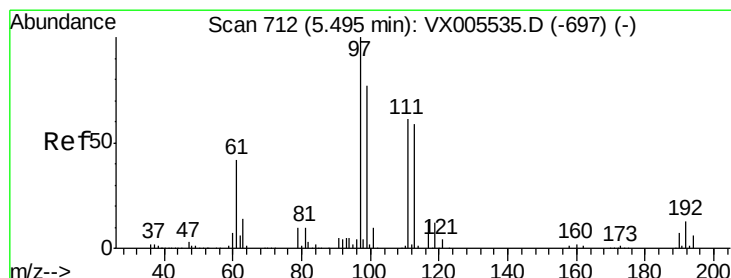
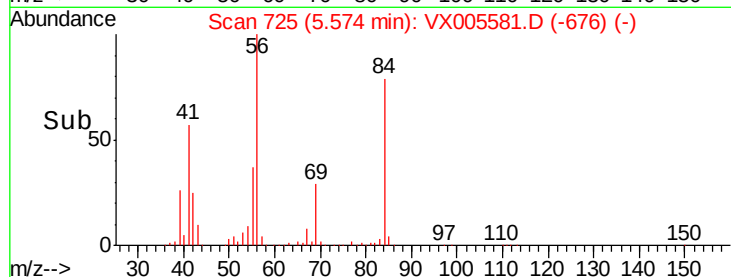
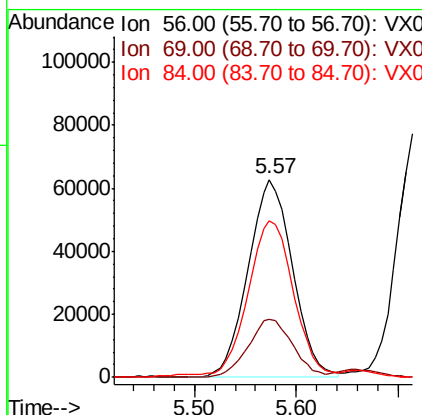
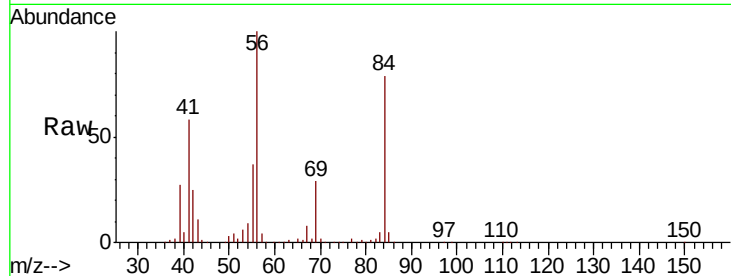
#31  
Cyclohexane  
Concen: 51.187 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.1  | 22.6  | 34.0  |
| 84      | 77.8  | 62.7  | 94.1  |

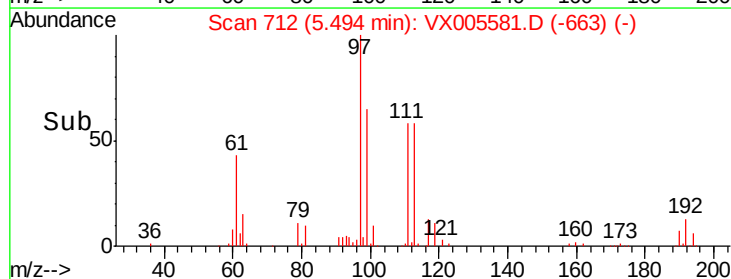
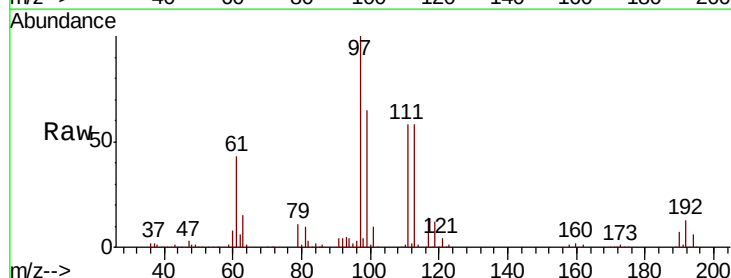
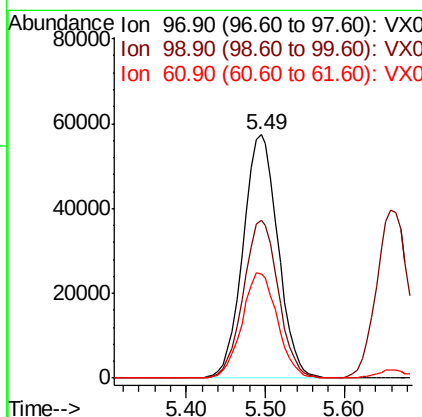
Manual Integrations  
APPROVED

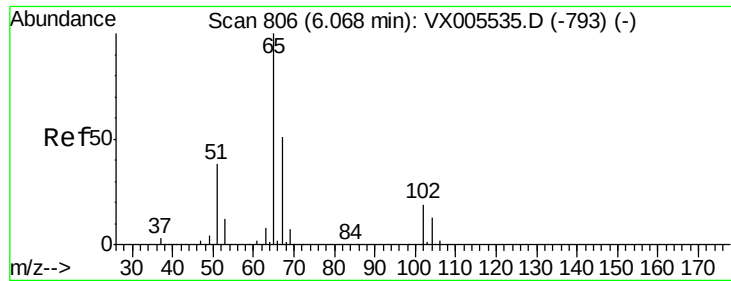
MMDadoda  
10/26/2018 10:02:43 AM



#32  
1,1,1-Trichloroethane  
Concen: 47.905 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.0  | 52.3  | 78.5  |
| 61      | 43.9  | 35.2  | 52.8  |





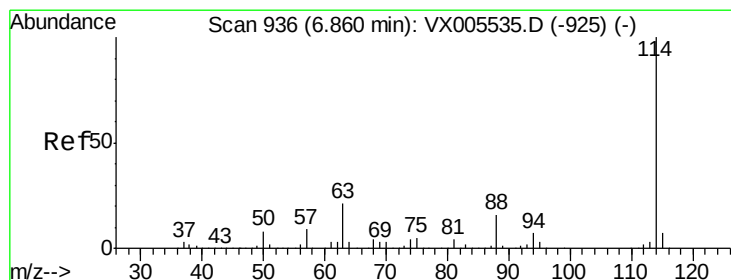
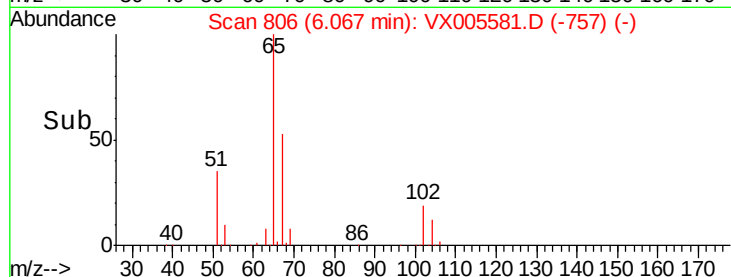
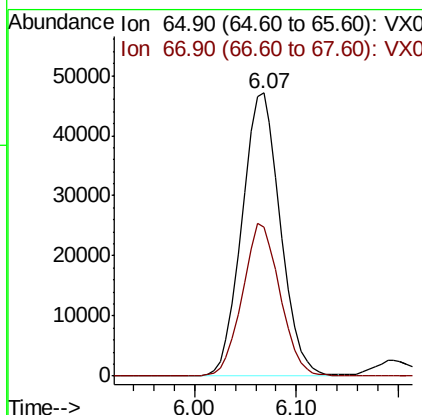
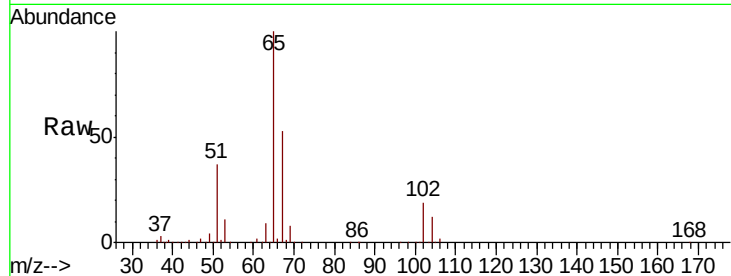
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.005 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.9  | 0.0   | 105.0 |

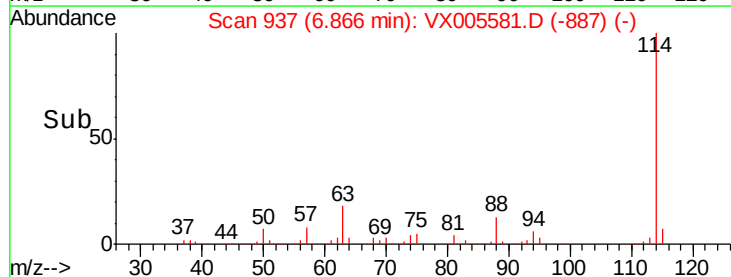
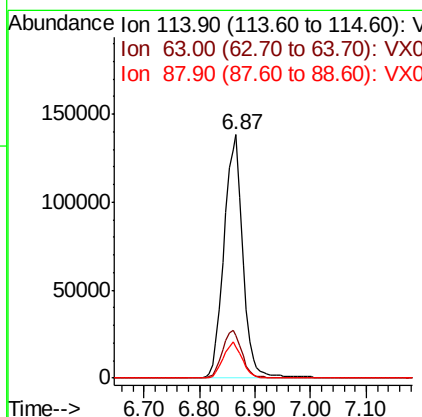
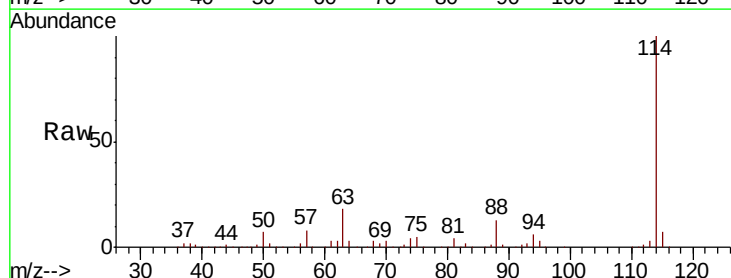
Manual Integrations  
 APPROVED

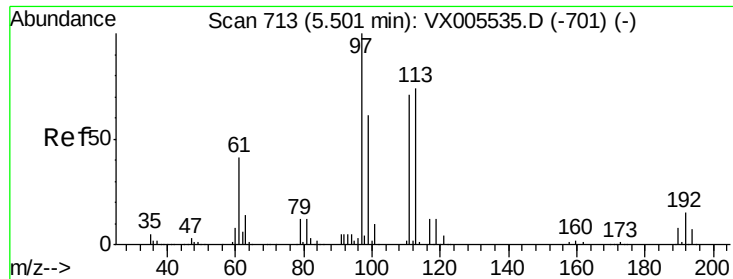
MMDadoda  
 10/26/2018 10:02:43 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 937  
 Delta R.T. 0.01 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.5  | 0.0   | 42.8  |
| 88      | 13.0  | 0.0   | 31.2  |





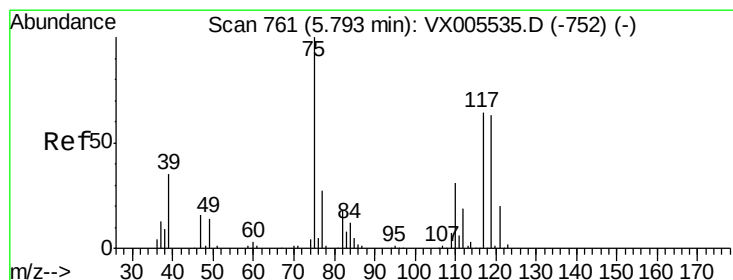
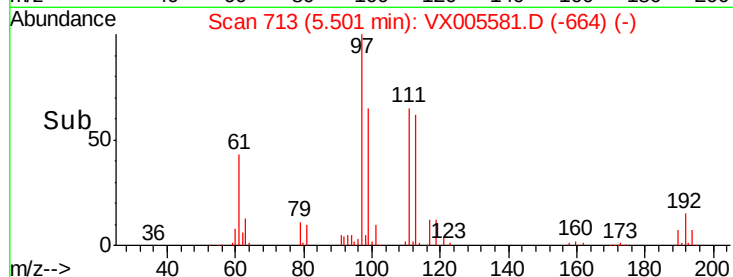
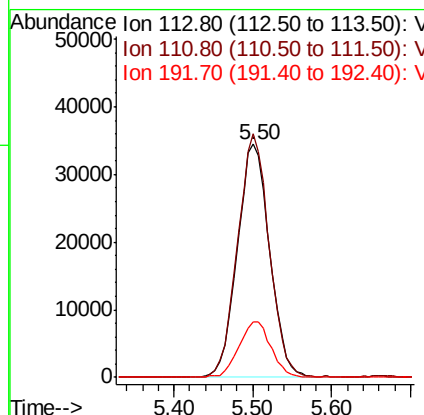
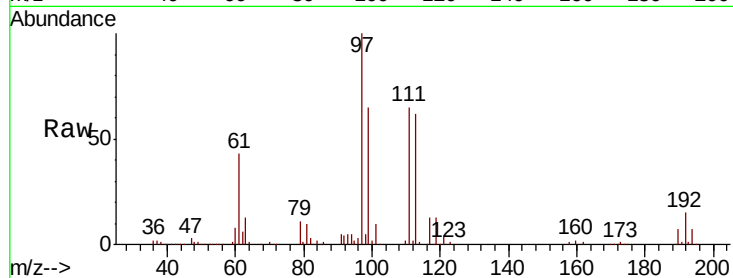
#35  
Dibromofluoromethane  
Concen: 44.715 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 82.3  | 123.5 |
| 192     | 23.6  | 17.9  | 26.9  |

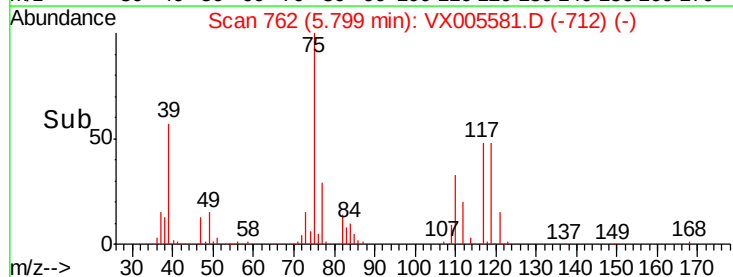
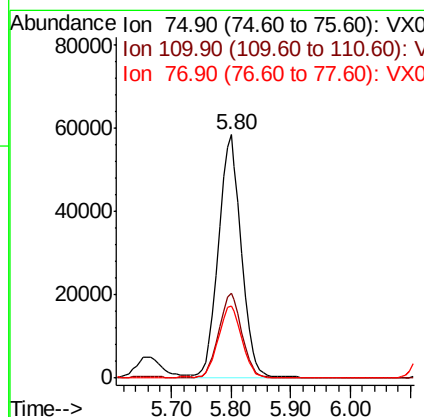
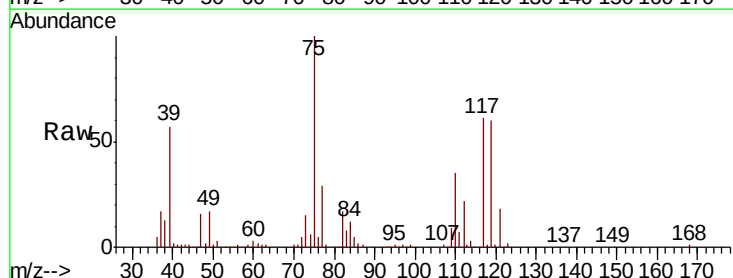
Manual Integrations  
APPROVED

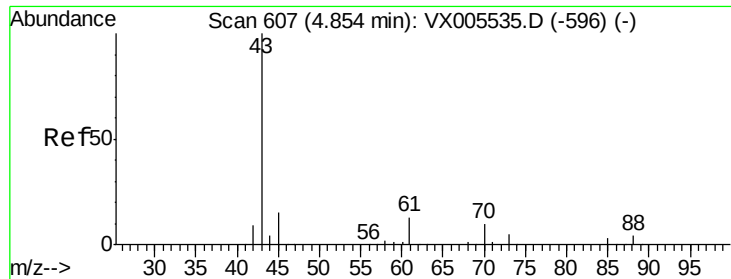
MMDadoda  
10/26/2018 10:02:43 AM



#36  
1,1-Dichloropropene  
Concen: 49.333 ug/l  
RT: 5.80 min Scan# 762  
Delta R.T. 0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.2  | 17.4  | 52.2  |
| 77      | 30.3  | 25.8  | 38.6  |





#37

Ethyl Acetate

Concen: 47.171 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

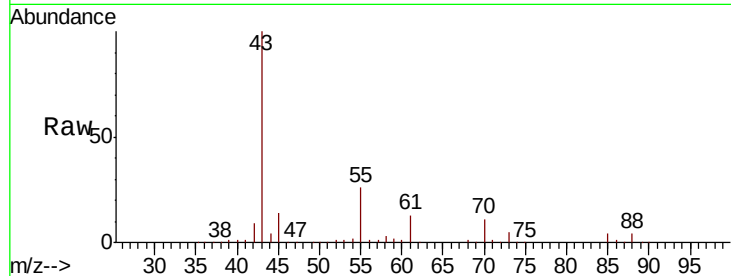
VSTDCCC050

Tot Ion: 43 Resp: 189685

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.5  | 10.8  | 16.2  |
| 70  | 9.7   | 7.8   | 11.8  |

Manual Integrations  
APPROVED

MMDadoda  
10/26/2018 10:02:43 AM

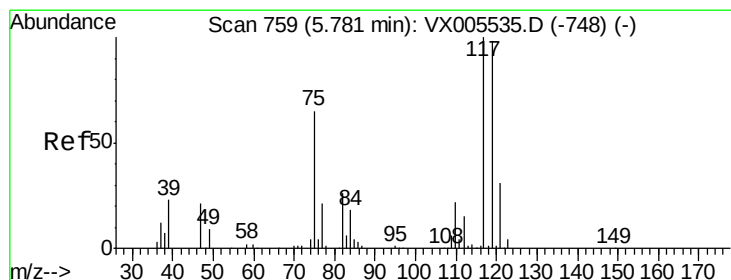
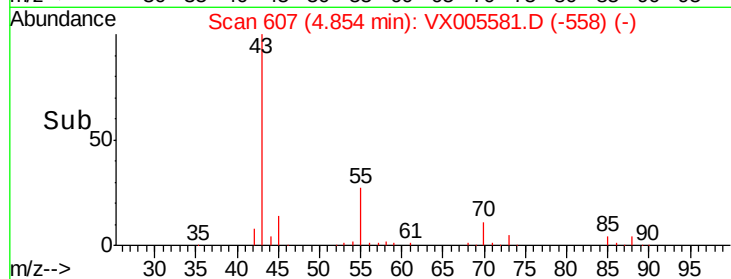
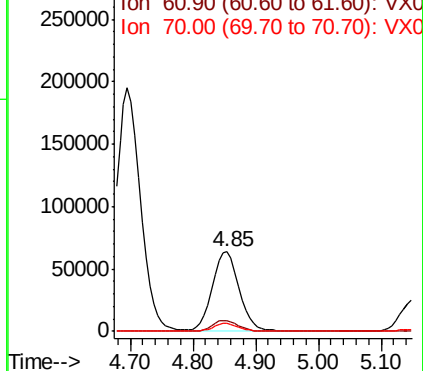


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.085 ug/l

RT: 5.78 min Scan# 759

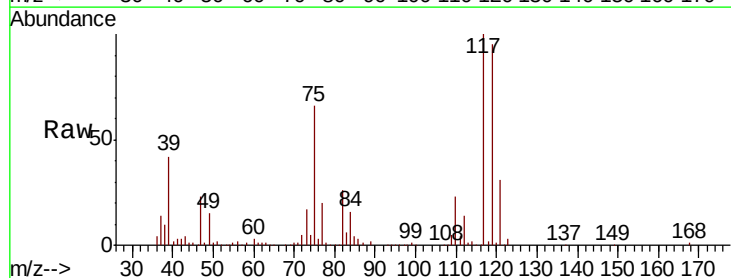
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Tgt Ion: 117 Resp: 159591

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.1  | 78.1  | 117.1 |
| 121 | 30.6  | 24.6  | 36.8  |

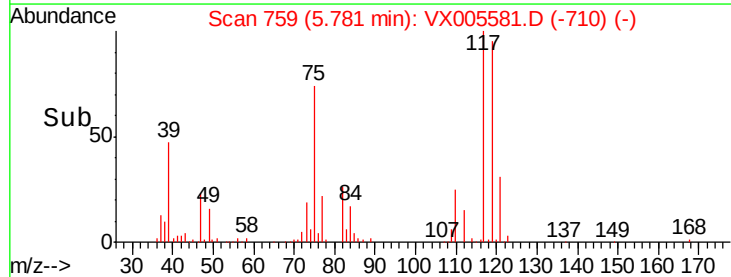
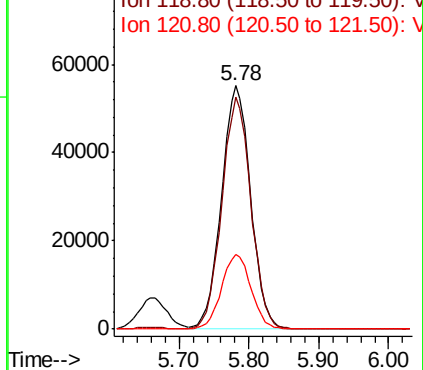


Abundance

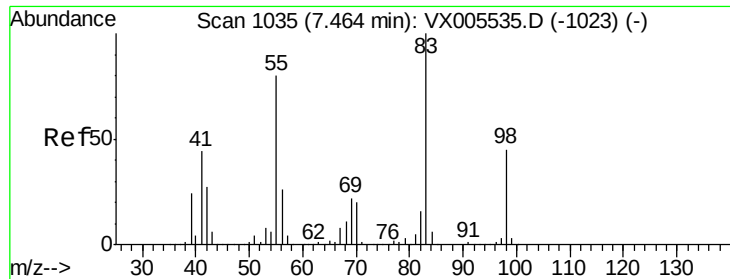
Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V







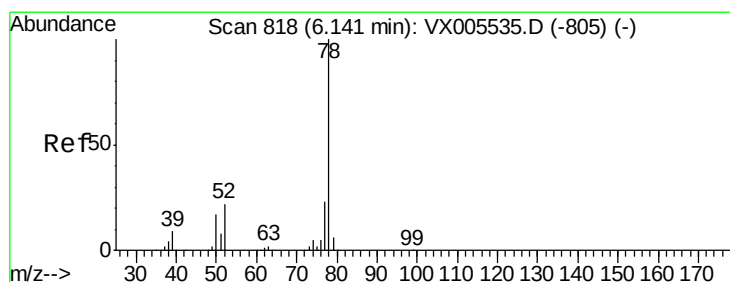
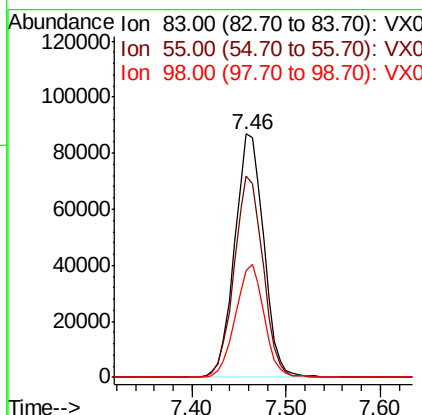
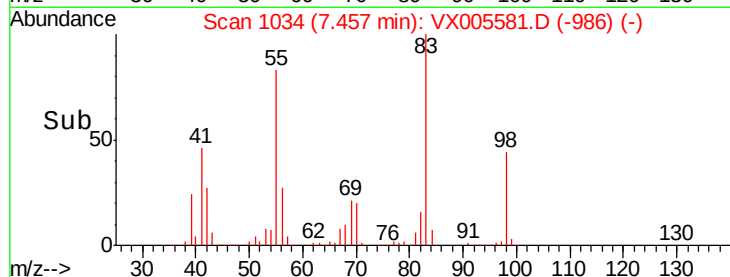
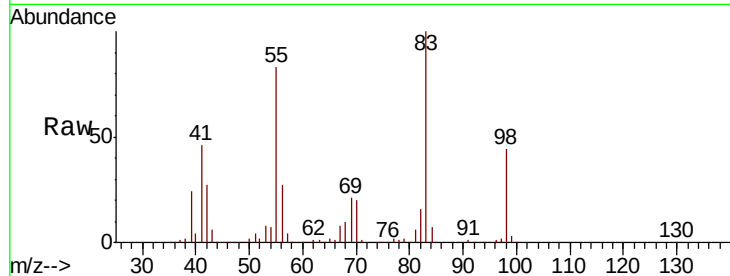
#39  
Methylvlcyclohexane  
Concen: 53.782 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 187144 |       |       |
| 55      | 82.8  | 63.7   | 95.5  |       |
| 98      | 43.9  | 36.2   | 54.2  |       |

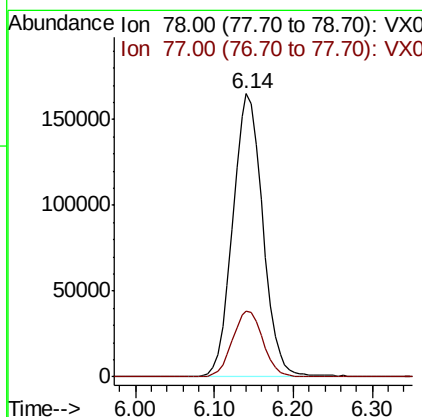
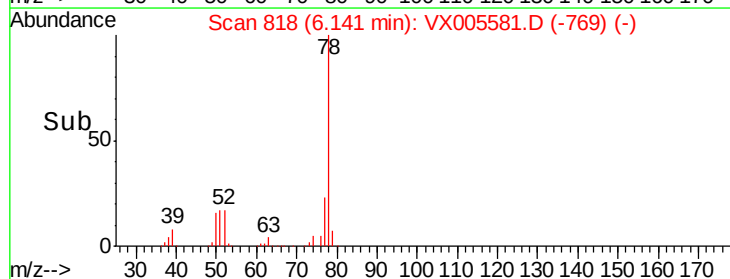
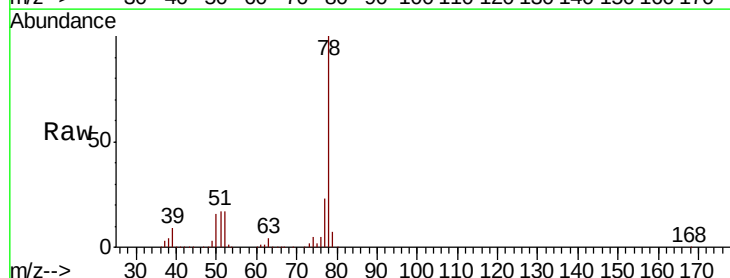
Manual Integrations  
APPROVED

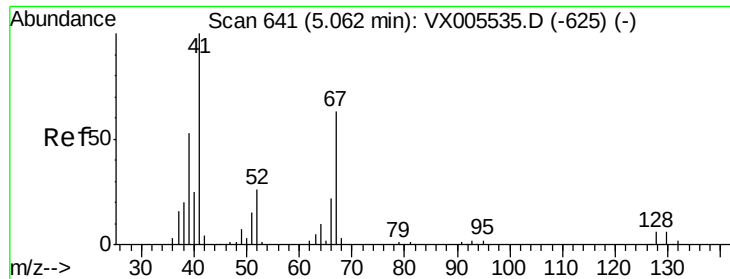
MMDadoda  
10/26/2018 10:02:43 AM



#40  
Benzene  
Concen: 48.561 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 438664 |       |       |
| 77      | 23.4  | 18.4   | 27.6  |       |





#41

Methacrylonitrile

Concen: 47.305 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

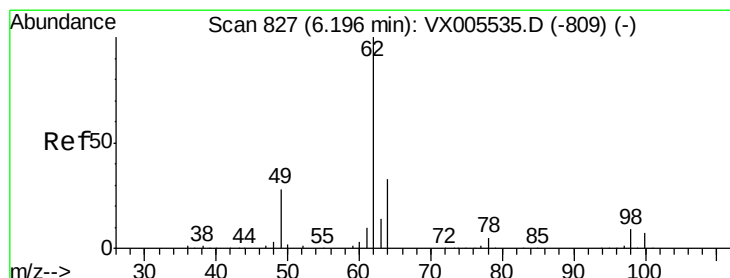
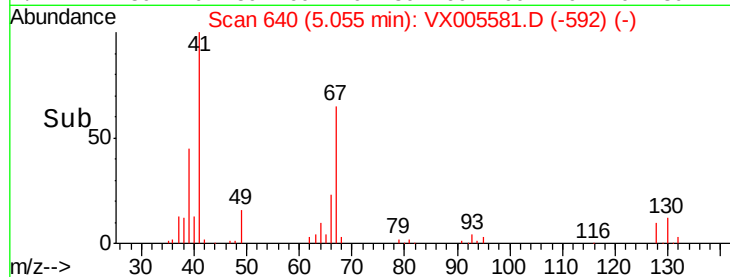
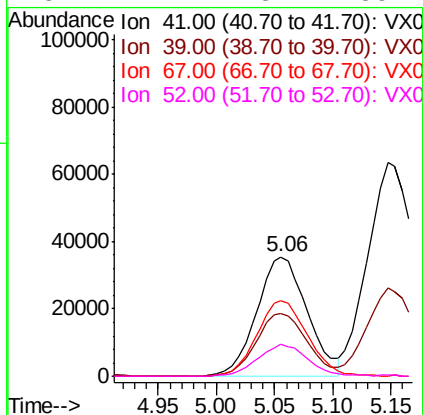
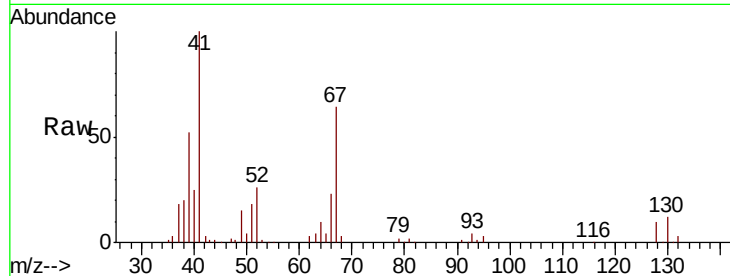
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.7 | 42.2  | 63.2  |       |
| 67      | 64.1 | 53.4  | 80.0  |       |
| 52      | 27.2 | 23.4  | 35.2  |       |

Manual Integrations  
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10/26/2018 10:02:43 AM



#42

1,2-Dichloroethane

Concen: 46.934 ug/l

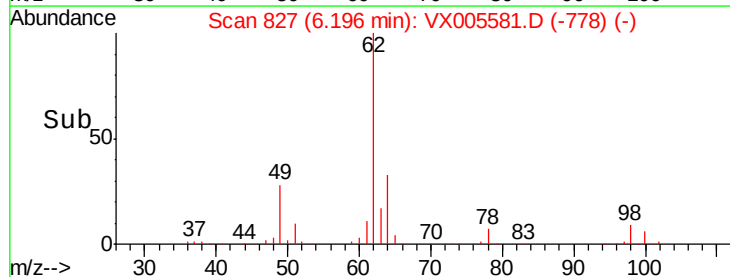
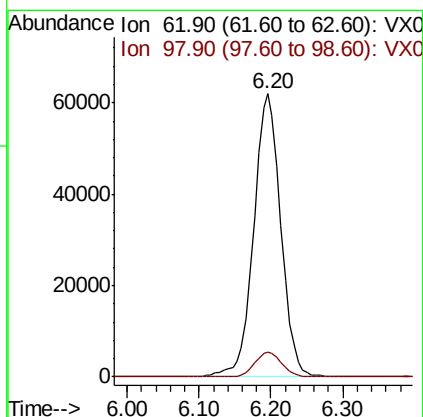
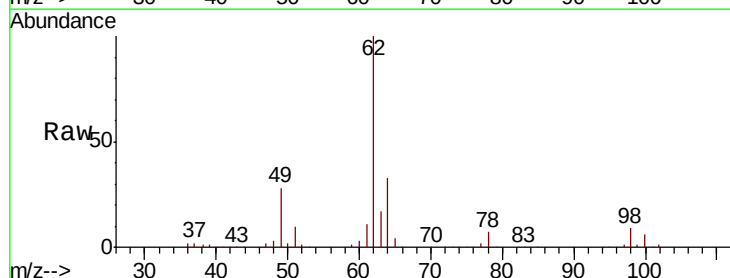
RT: 6.20 min Scan# 827

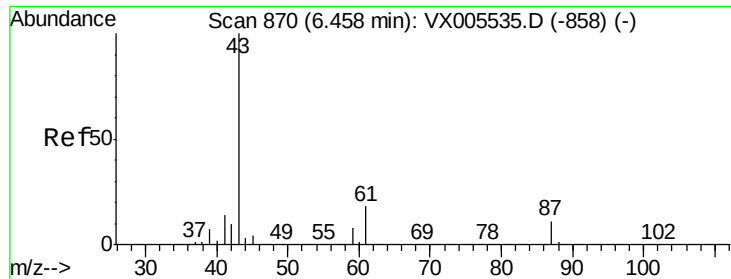
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.8 | 0.0   | 17.8  |       |





#43

Isopropyl Acetate

Concen: 47.021 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

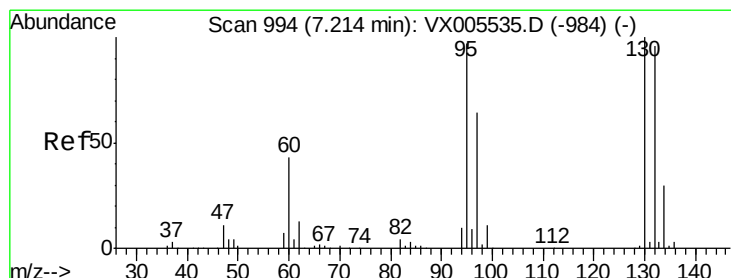
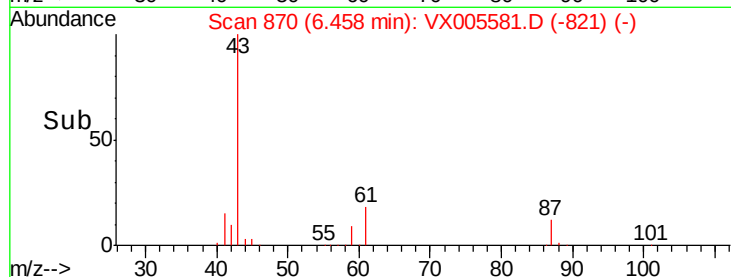
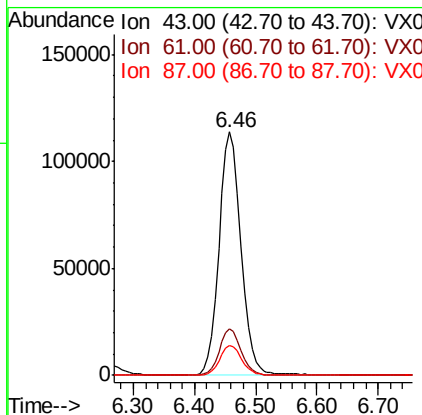
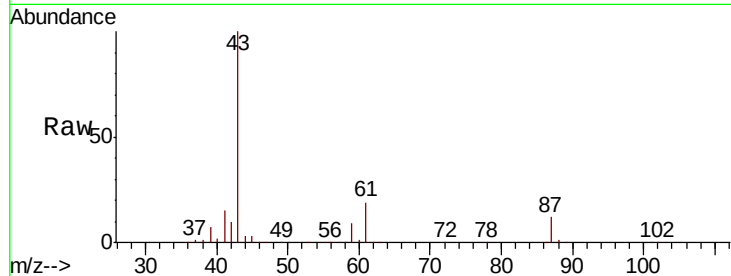
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 283341 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.9  | 14.6  | 22.0   |
| 87       | 12.3  | 9.6   | 14.4   |

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#44

Trichloroethene

Concen: 48.925 ug/l

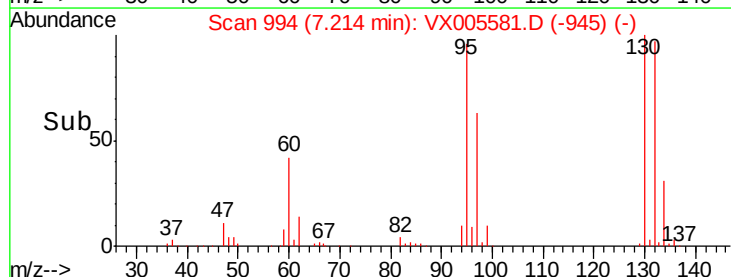
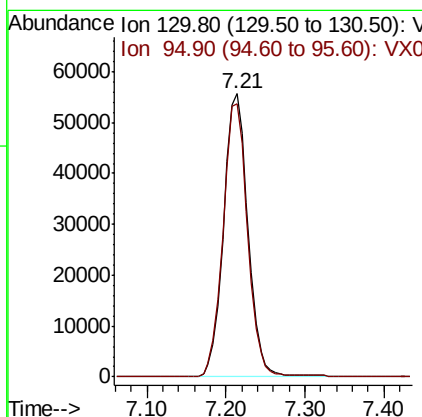
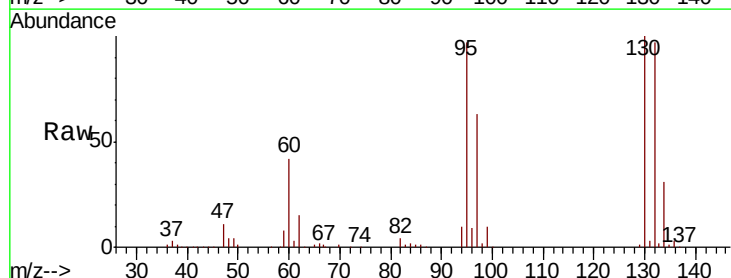
RT: 7.21 min Scan# 994

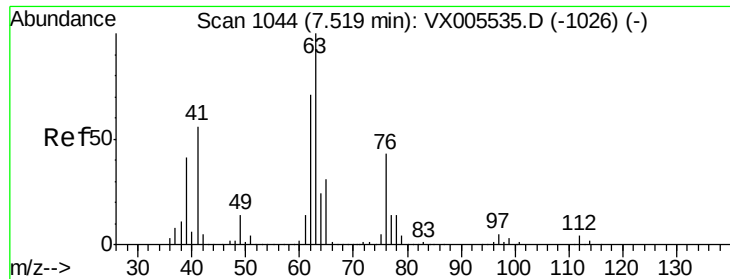
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 120400 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 96.5  | 0.0   | 194.2  |





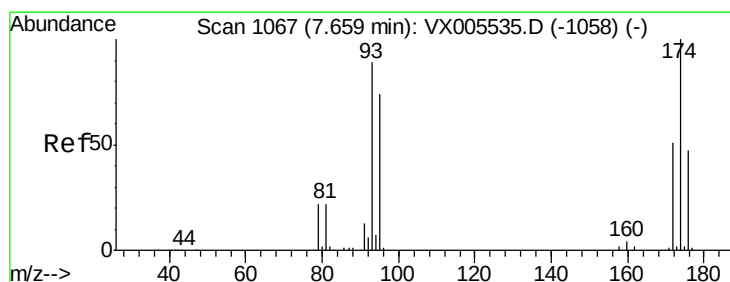
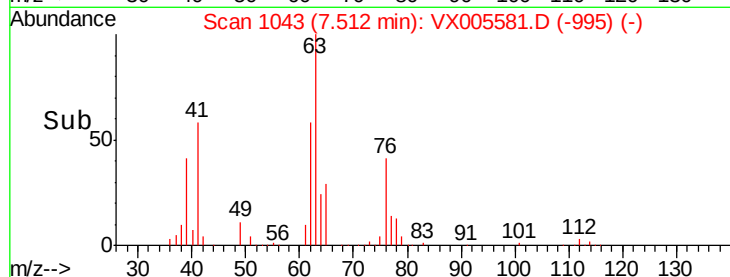
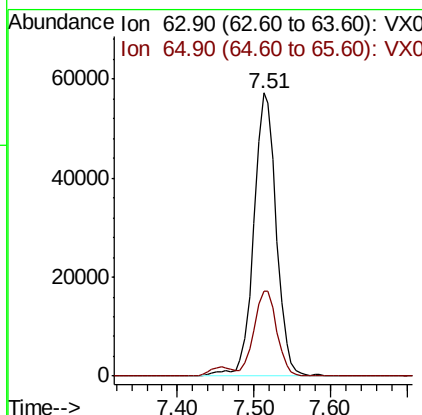
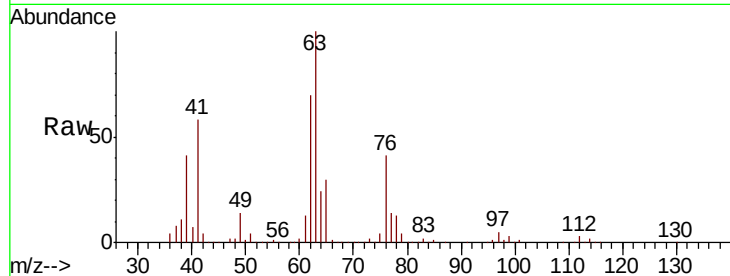
#45  
 1,2-Dichloropropane  
 Concen: 48.540 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 117885  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 24.8 37.2

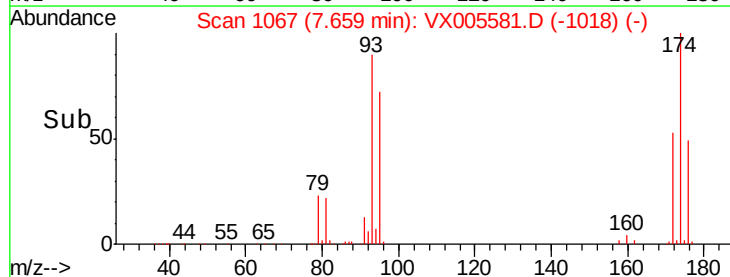
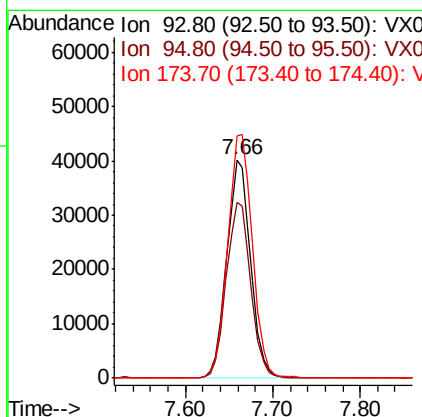
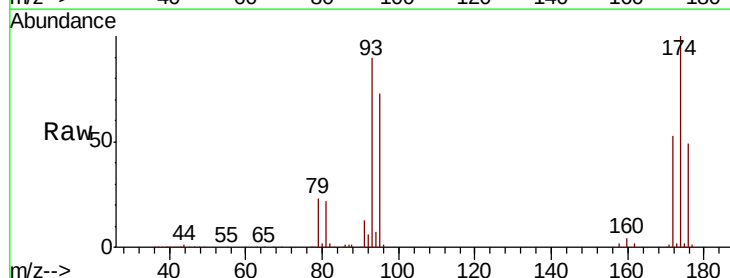
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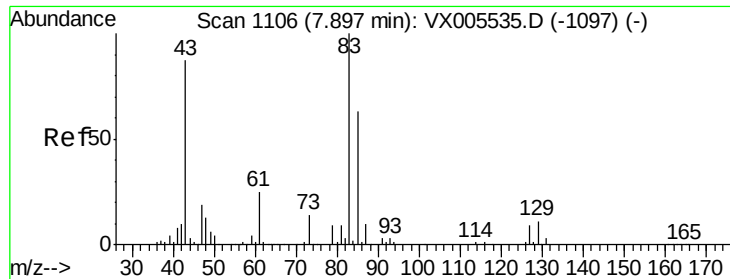
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 48.557 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Tgt Ion: 93 Resp: 76164  
 Ion Ratio Lower Upper  
 93 100  
 95 82.3 67.4 101.0  
 174 115.8 91.5 137.3





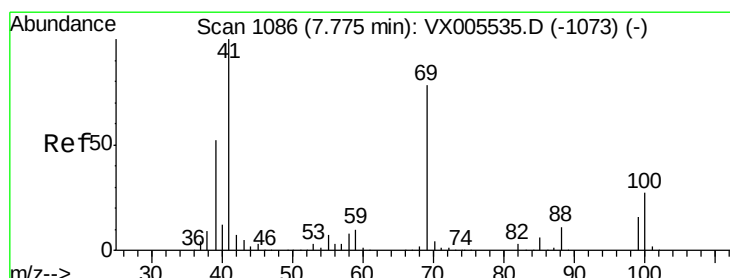
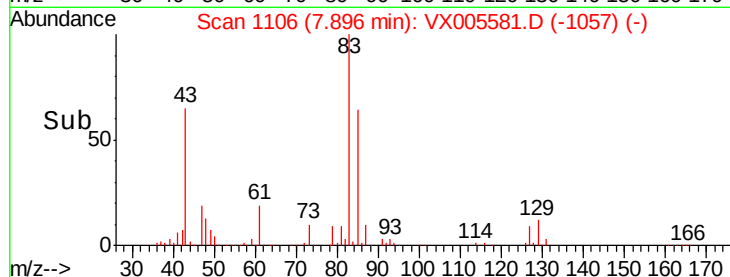
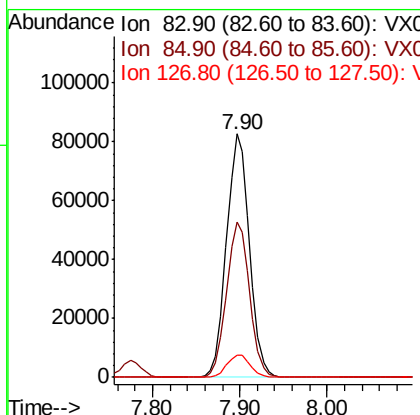
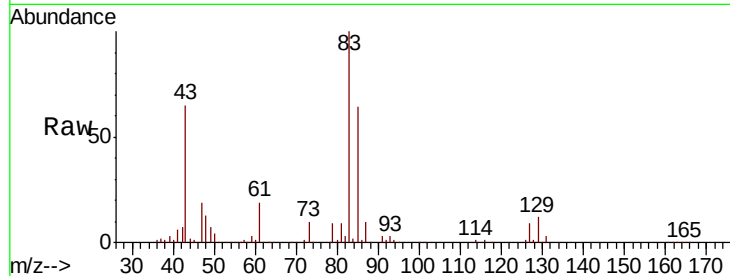
#47  
 Bromodichloromethane  
 Concen: 49.319 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion   | 83    | Resp  | 150142 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.7  | 50.2  | 75.4   |
| 127       | 9.0   | 6.9   | 10.3   |

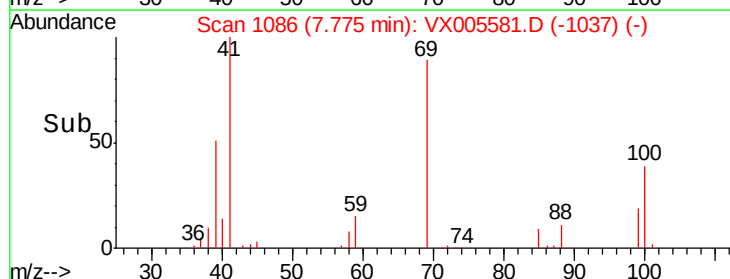
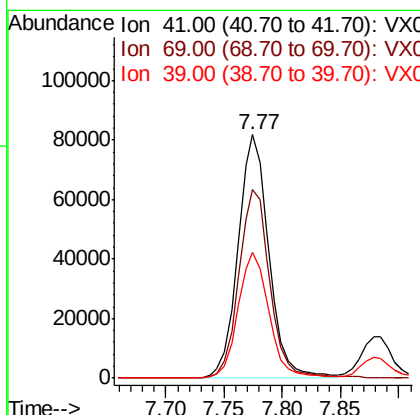
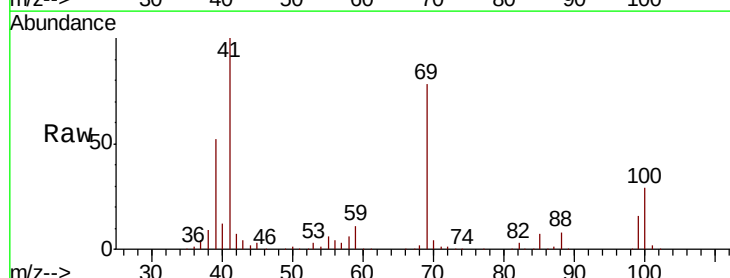
Manual Integrations  
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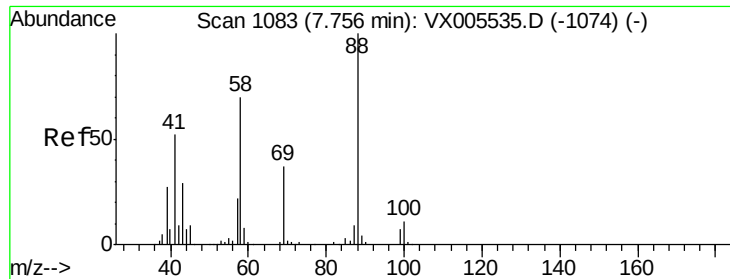
MMDadoda  
 10/26/2018 10:02:43 AM



#48  
 Methyl methacrylate  
 Concen: 51.424 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion   | 41    | Resp  | 150957 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 78.1  | 63.2  | 94.8   |
| 39        | 52.2  | 42.2  | 63.2   |





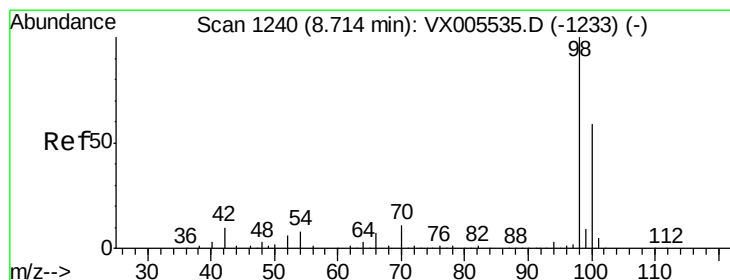
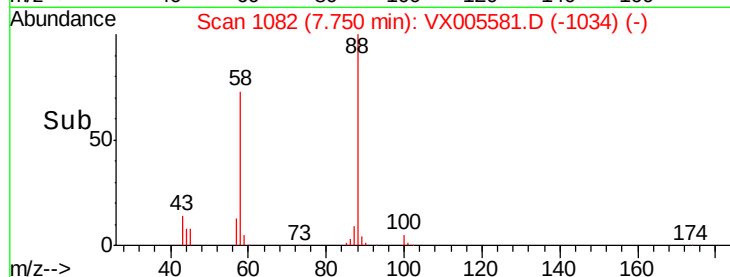
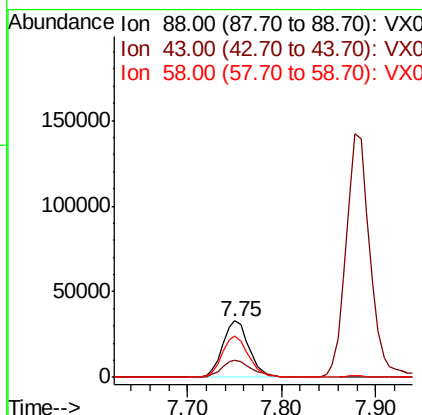
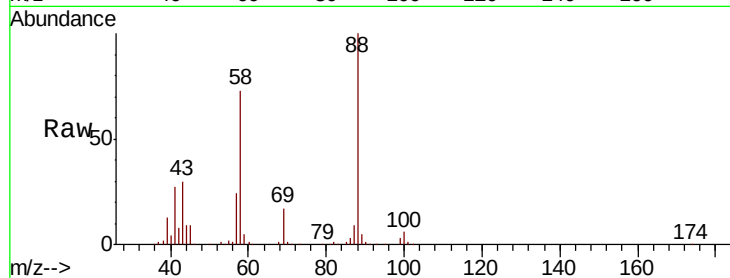
#49  
1,4-Dioxane  
Concen: 997.154 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.8  | 27.4  | 41.0  |
| 58      | 74.0  | 59.4  | 89.2  |

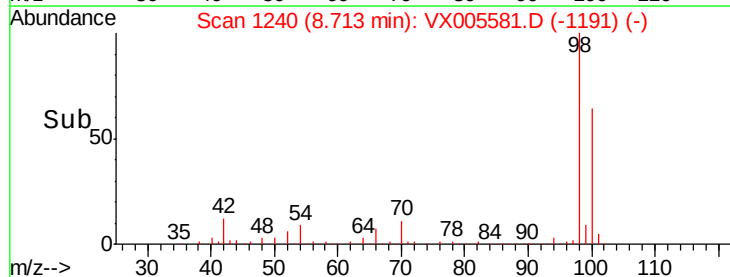
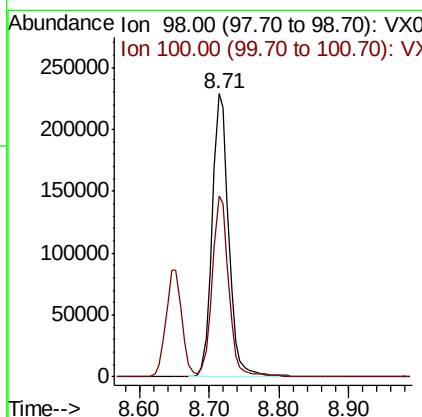
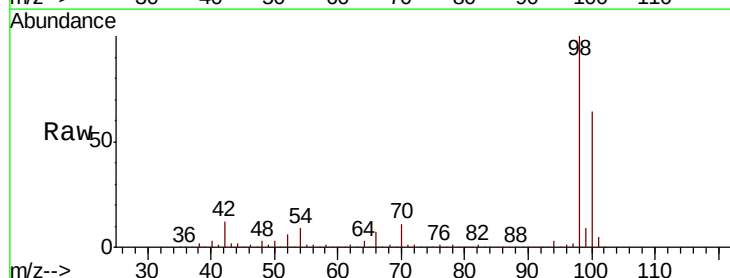
Manual Integrations  
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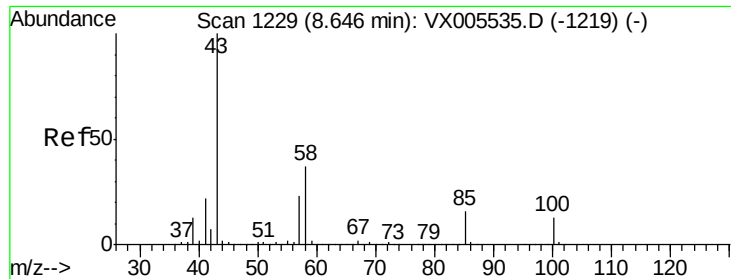
MMDadoda  
10/26/2018 10:02:43 AM



#50  
Toluene-d8  
Concen: 47.657 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 51.3  | 76.9  |





#51

4-Methyl-2-Pentanone

Concen: 248.429 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1006070

Ion Ratio Lower Upper

43 100

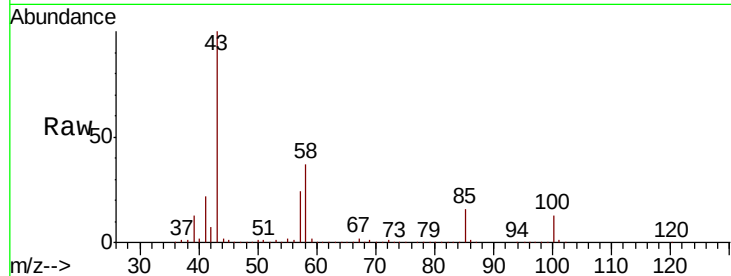
58 37.1 29.7 44.5

Manual Integrations

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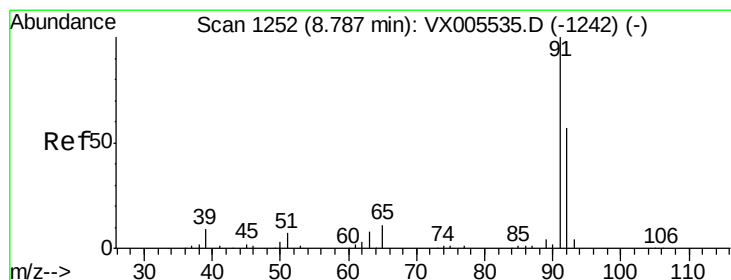
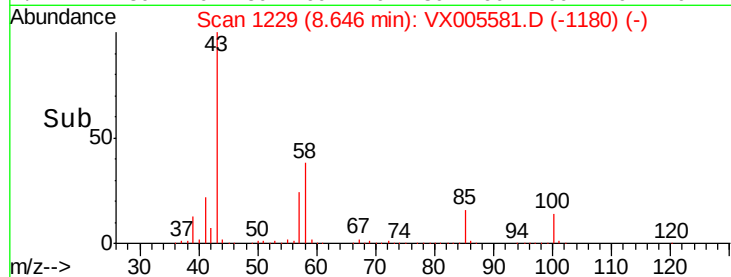
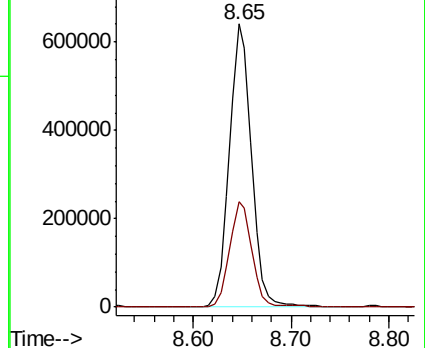
MMDadoda

10/26/2018 10:02:43 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.735 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005581.D

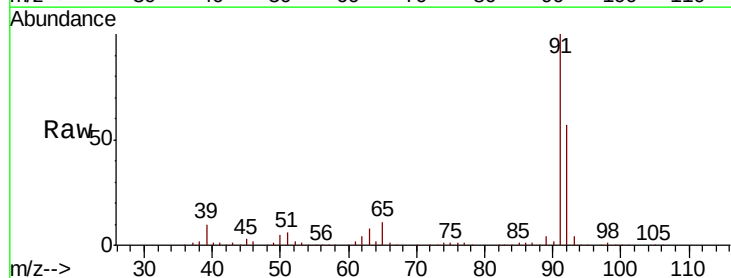
Acq: 25 Oct 2018 11:17

Tgt Ion: 92 Resp: 278536

Ion Ratio Lower Upper

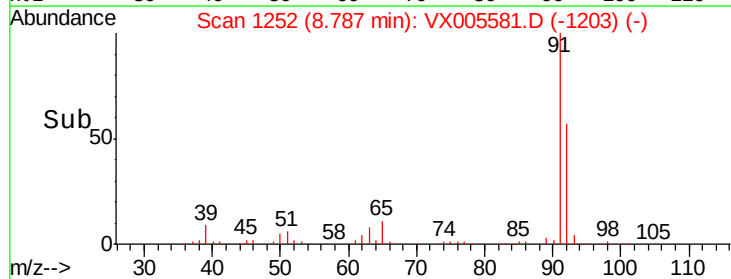
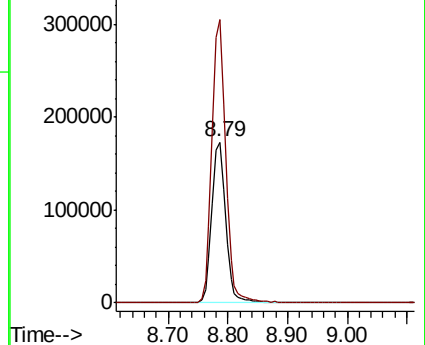
92 100

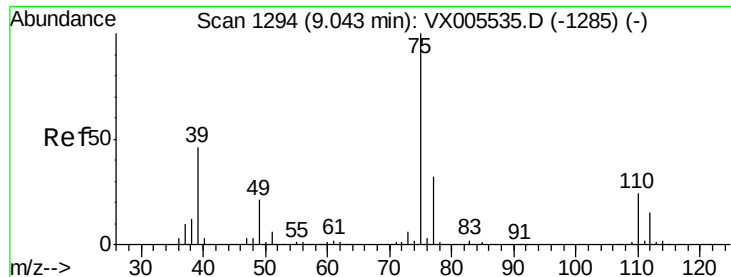
91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





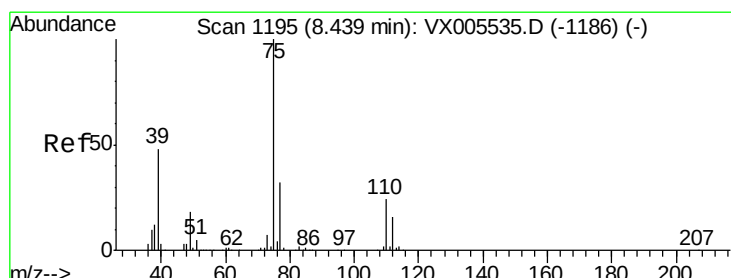
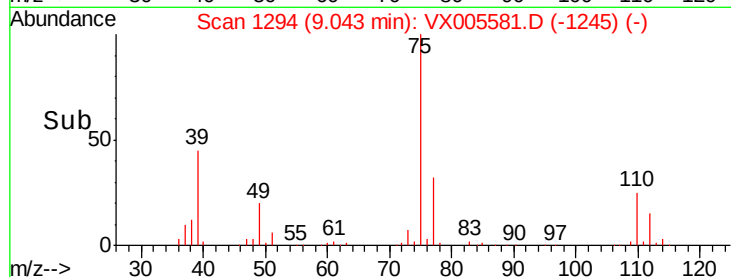
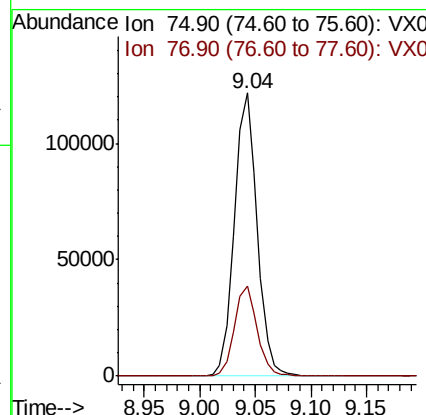
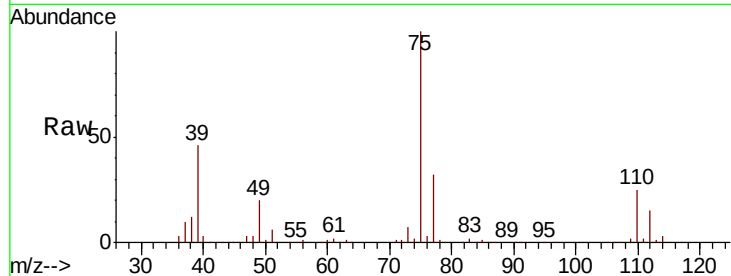
#53  
t-1,3-Dichloropropene  
Concen: 52.209 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 25.4  | 38.2  |

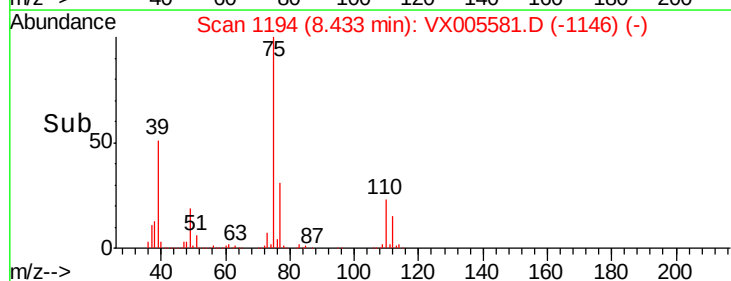
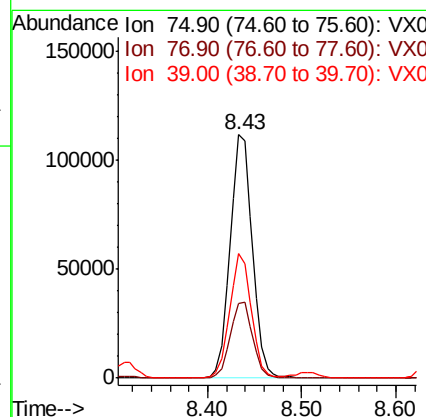
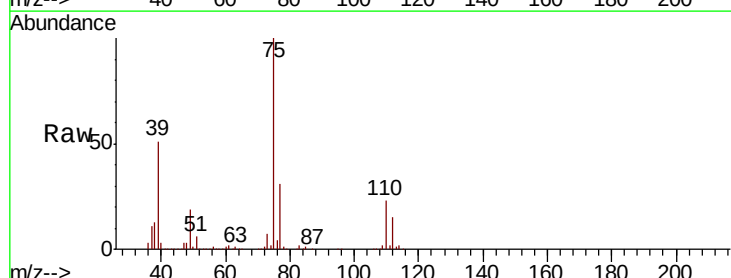
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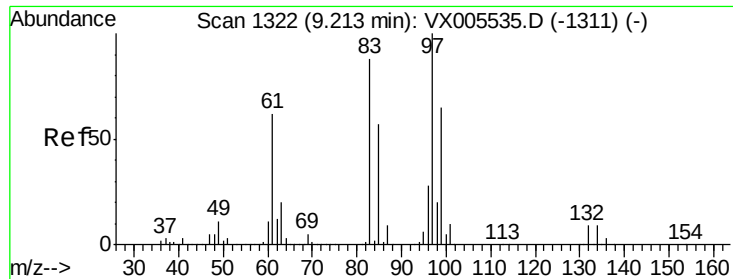


#54  
cis-1,3-Dichloropropene  
Concen: 51.748 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 25.2  | 37.8  |
| 39      | 50.8  | 38.2  | 57.2  |







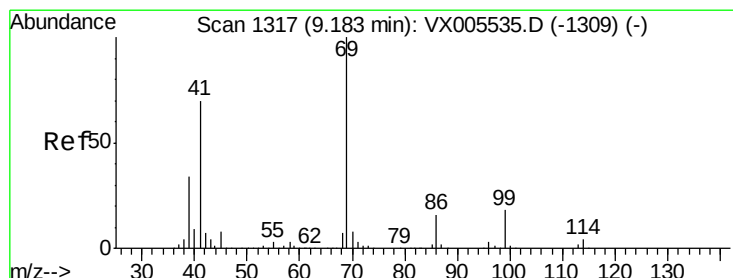
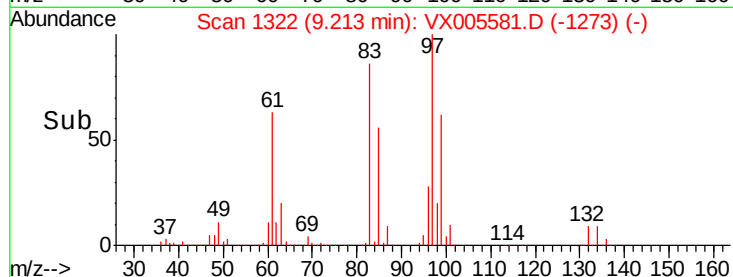
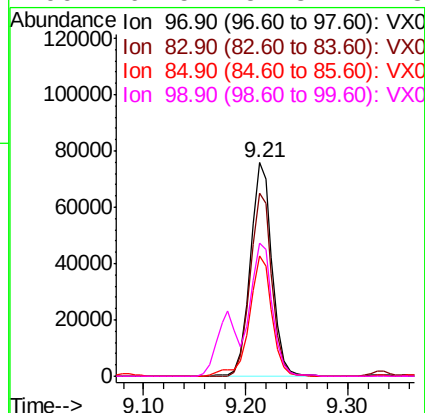
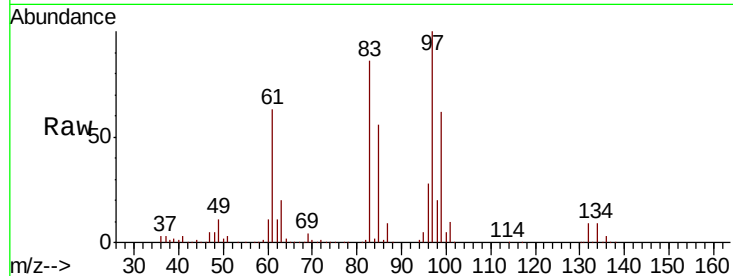
#55  
1,1,2-Trichloroethane  
Concen: 48.537 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 112343 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 85.6  | 70.7  | 106.1  |
| 85        | 56.4  | 45.8  | 68.6   |
| 99        | 62.5  | 51.8  | 77.8   |

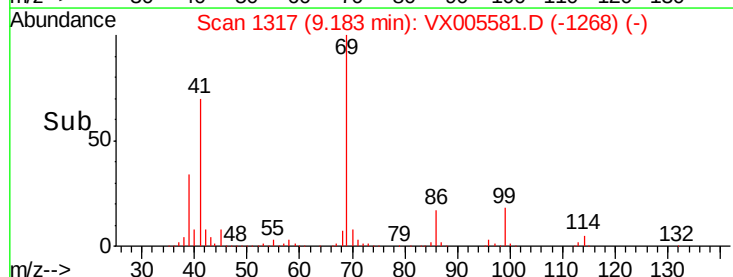
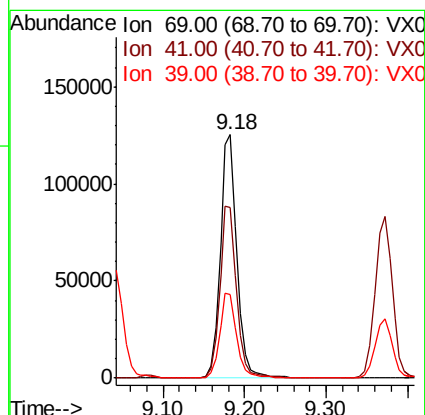
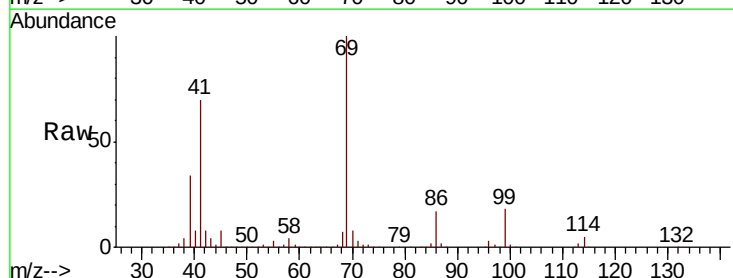
Manual Integrations  
APPROVED

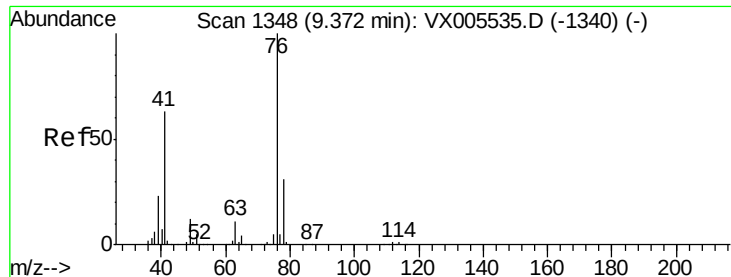
MMDadoda  
10/26/2018 10:02:43 AM



#56  
Ethyl methacrylate  
Concen: 51.658 ug/l  
RT: 9.18 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 178347 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 71.6  | 57.0  | 85.6   |
| 39        | 35.7  | 28.3  | 42.5   |





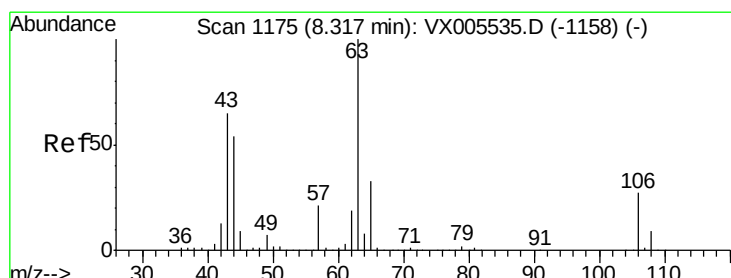
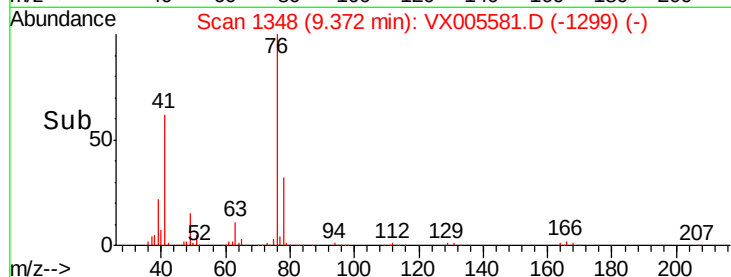
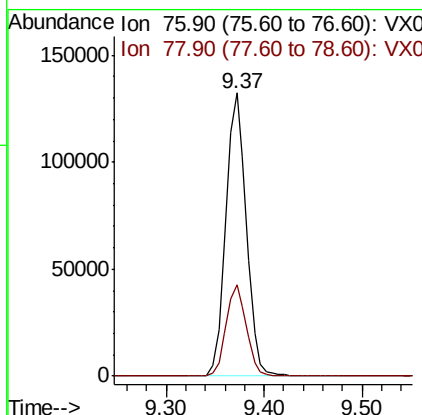
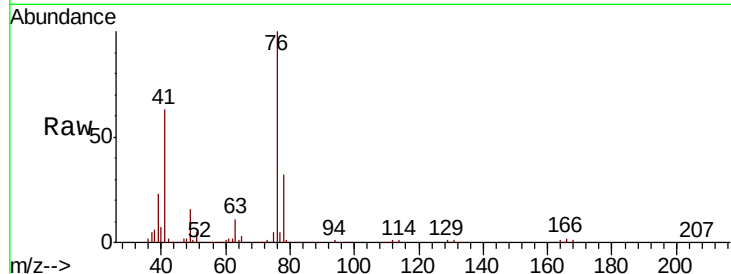
#57  
 1,3-Dichloropropane  
 Concen: 49.021 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 191983  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.3 37.9

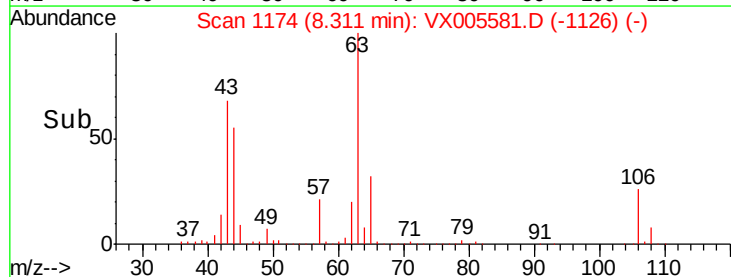
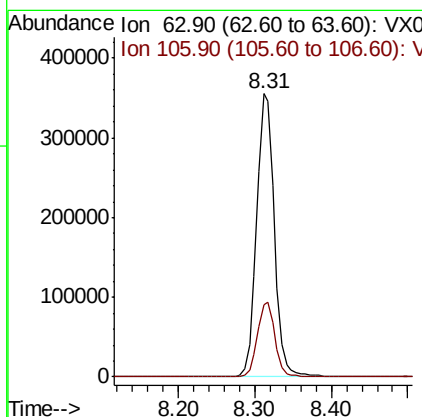
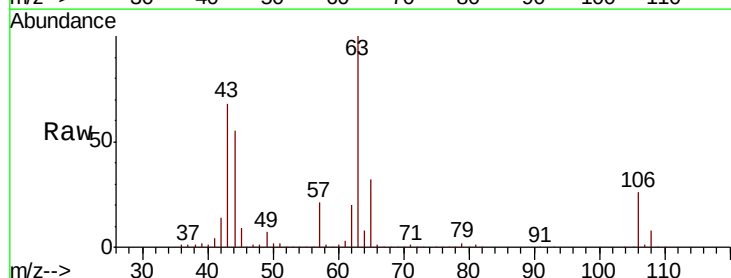
Manual Integrations  
 APPROVED

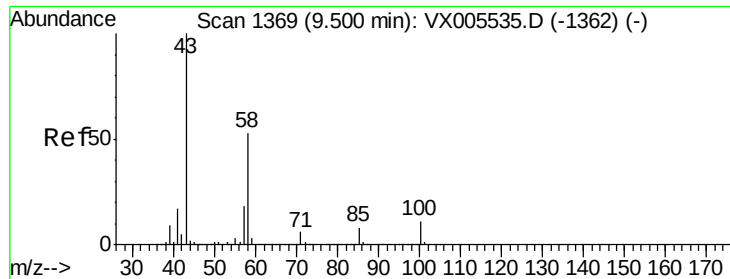
MMDadoda  
 10/26/2018 10:02:43 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 300.212 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Tgt Ion: 63 Resp: 578873  
 Ion Ratio Lower Upper  
 63 100  
 106 26.3 21.3 31.9





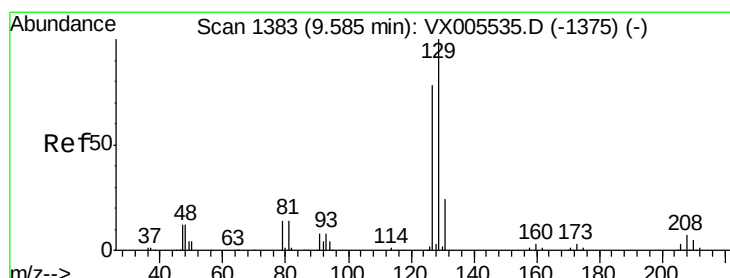
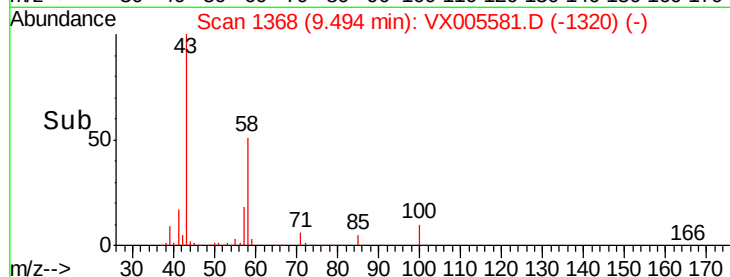
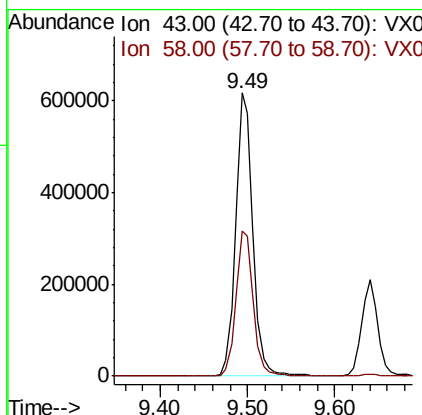
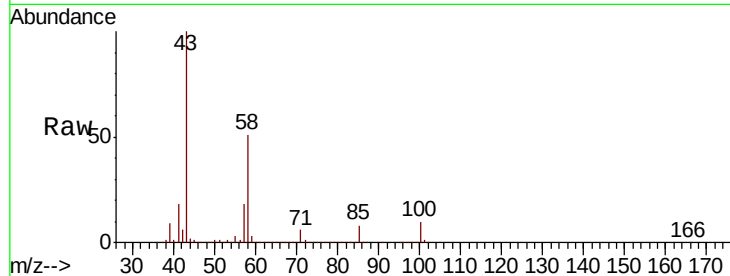
#59  
2-Hexanone  
Concen: 265.822 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 848770  
Ion Ratio Lower Upper  
43 100  
58 51.9 25.9 77.8

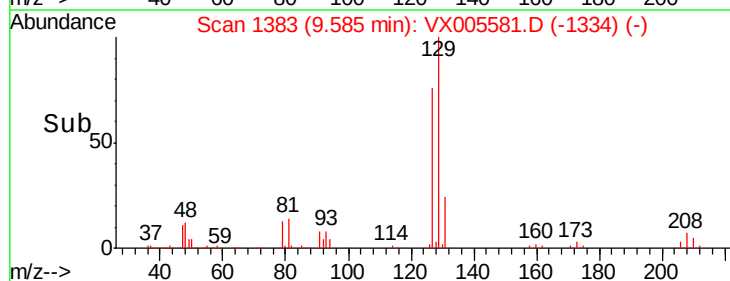
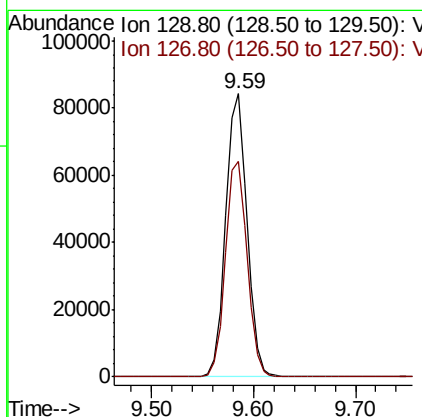
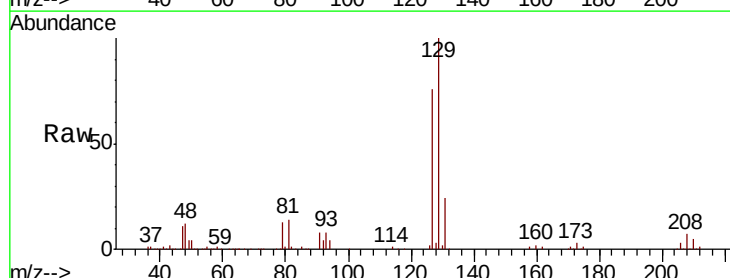
Manual Integrations  
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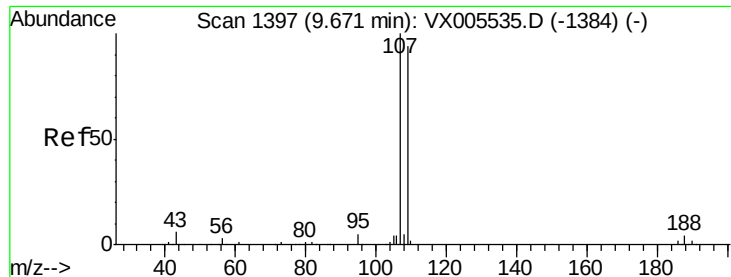
MMDadoda  
10/26/2018 10:02:43 AM



#60  
Dibromochloromethane  
Concen: 50.338 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Tgt Ion: 129 Resp: 121562  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.9 116.7





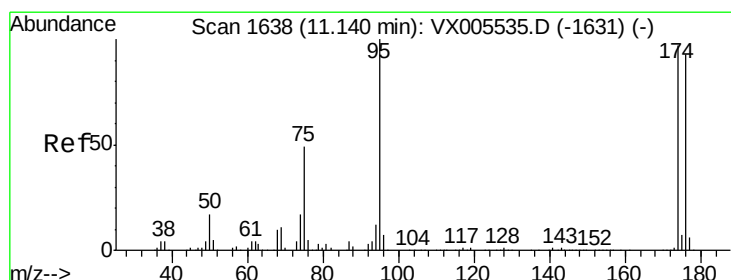
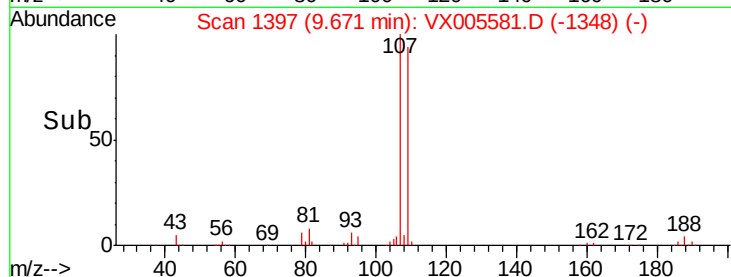
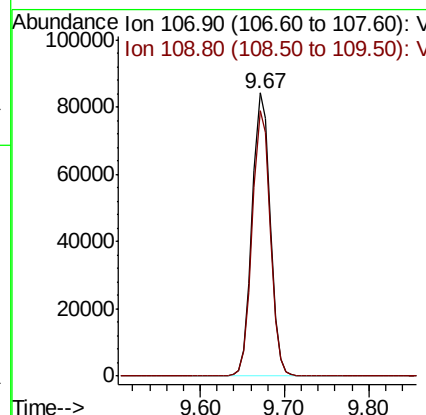
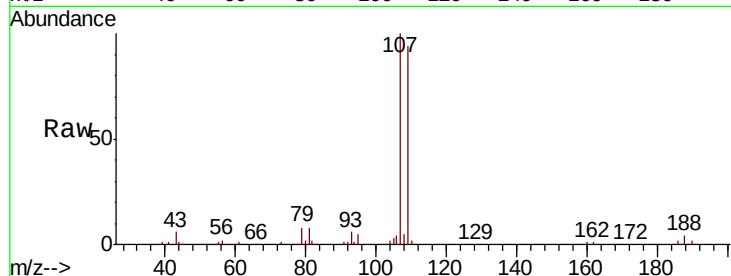
#61  
 1,2-Dibromoethane  
 Concen: 50.389 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.7  | 75.7  | 113.5 |

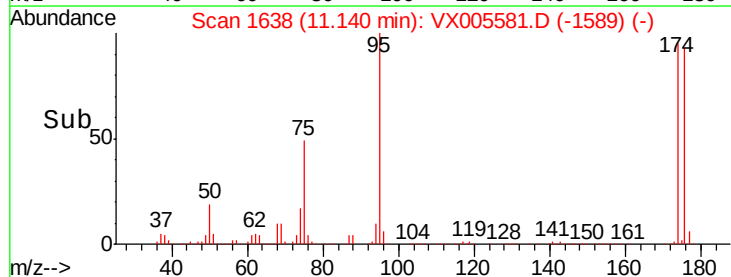
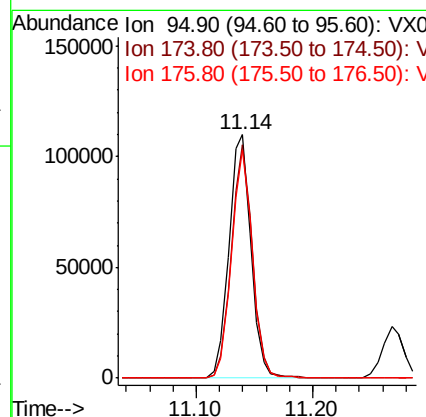
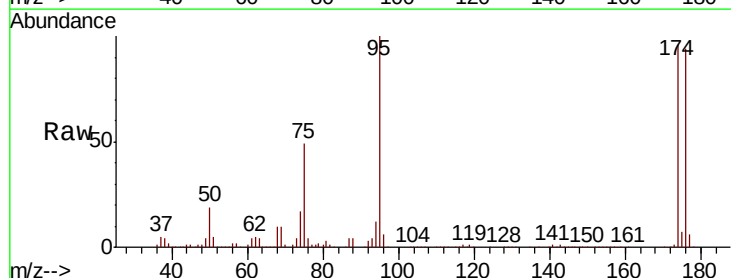
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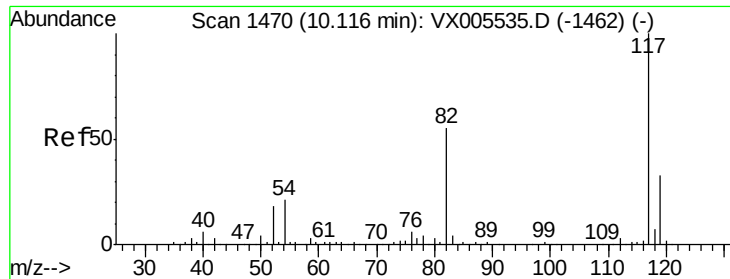
MMDadoda  
 10/26/2018 10:02:43 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.155 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 91.9  | 0.0   | 184.4 |
| 176     | 89.4  | 0.0   | 177.4 |





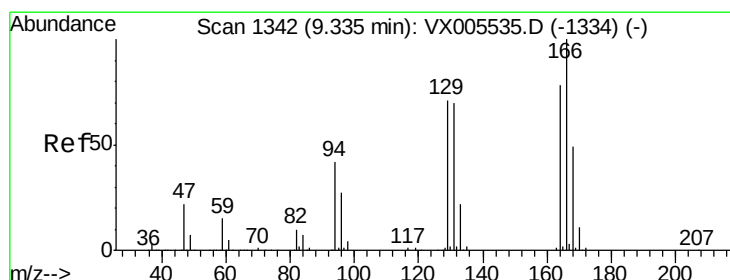
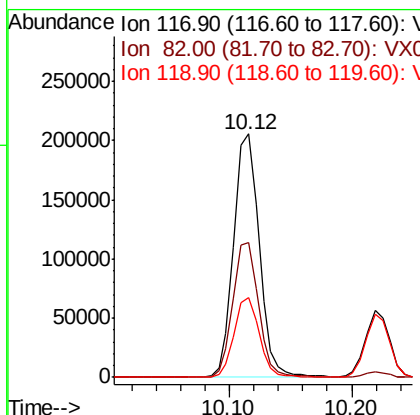
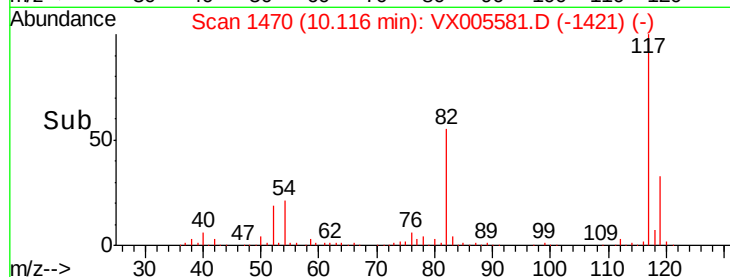
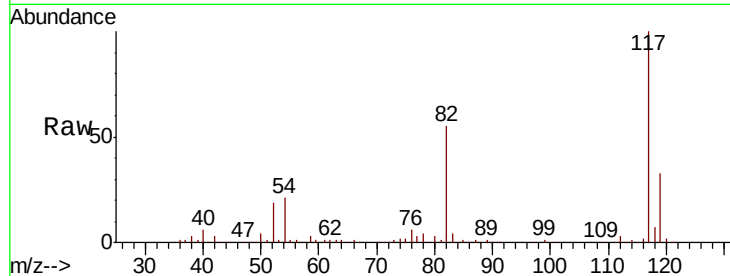
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.3  | 44.1  | 66.1  |
| 119     | 33.0  | 26.2  | 39.2  |

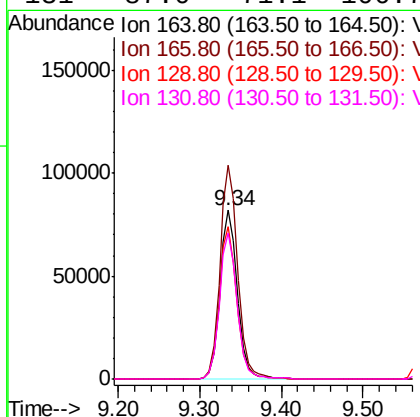
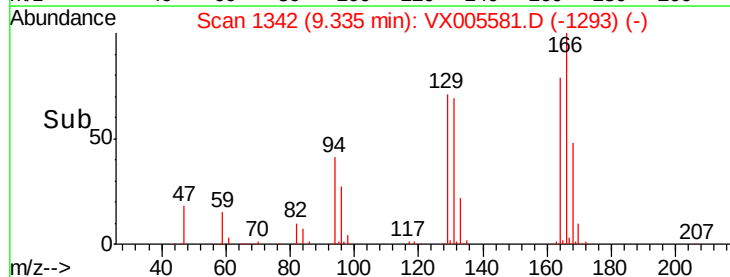
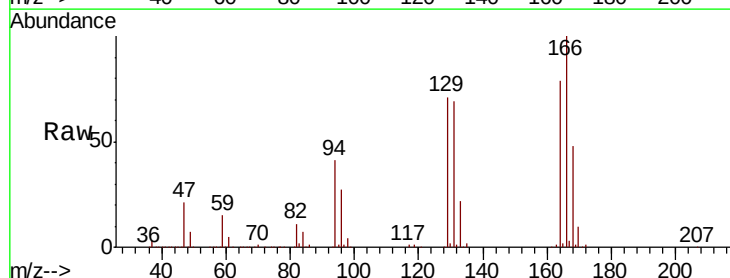
Manual Integrations  
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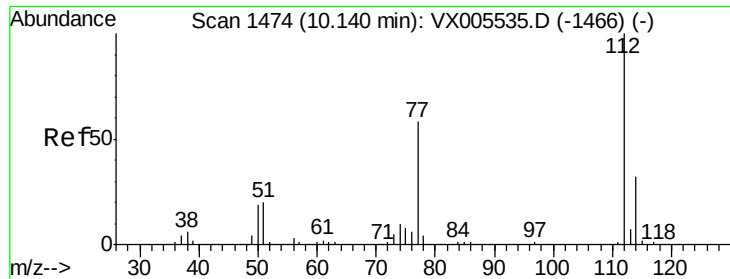
MMDadoda  
10/26/2018 10:02:43 AM



#64  
Tetrachloroethene  
Concen: 49.693 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.8 | 101.9 | 152.9 |
| 129     | 90.1  | 72.6  | 109.0 |
| 131     | 87.0  | 71.1  | 106.7 |





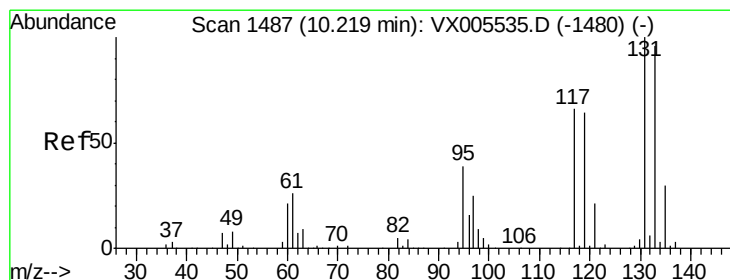
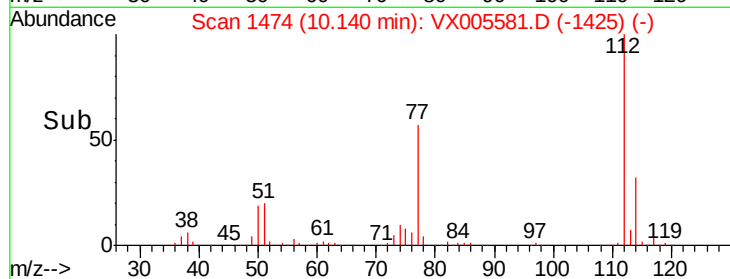
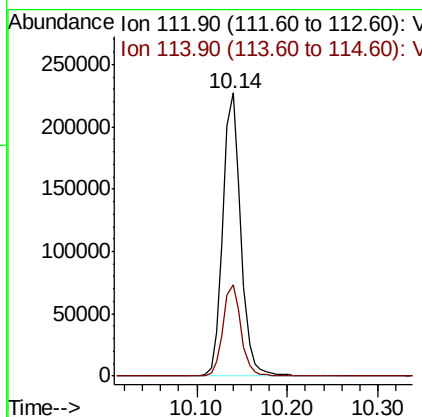
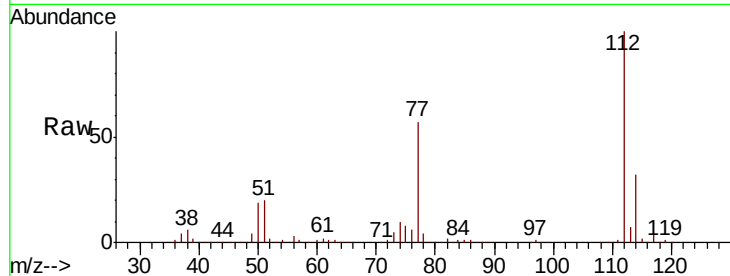
#65  
Chlorobenzene  
Concen: 49.570 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 314147  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.8 38.6

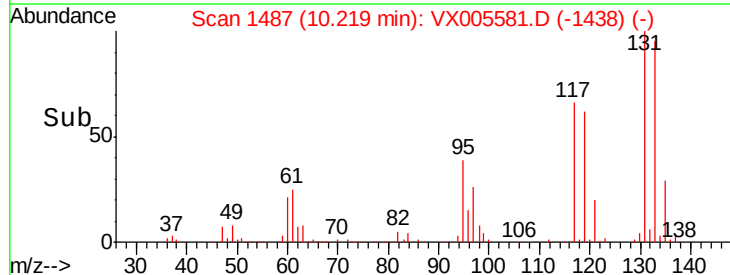
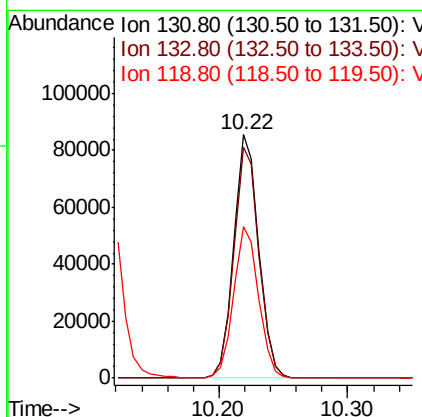
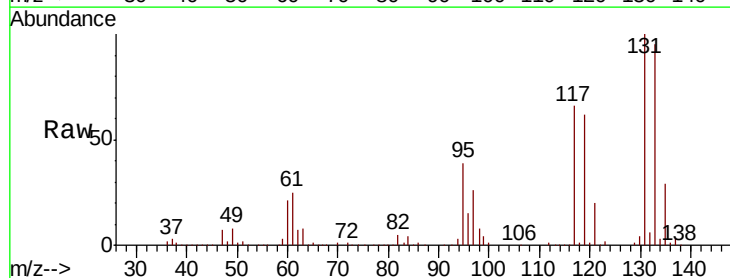
Manual Integrations  
APPROVED

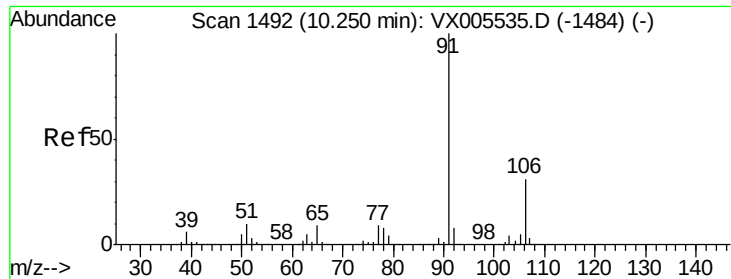
MMDadoda  
10/26/2018 10:02:43 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.829 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Tgt Ion:131 Resp: 115145  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.5 142.5  
119 62.6 31.8 95.3





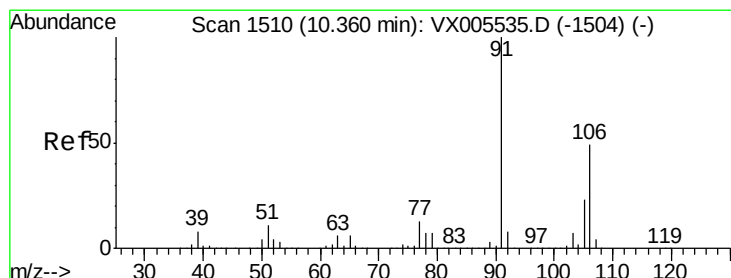
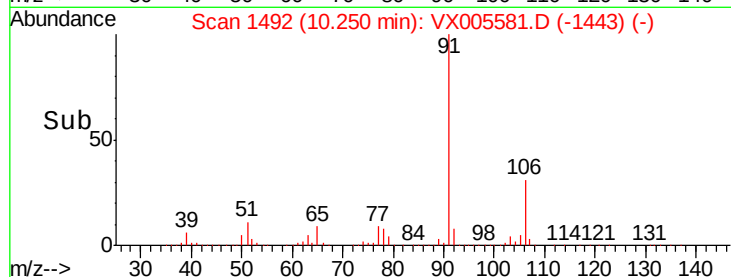
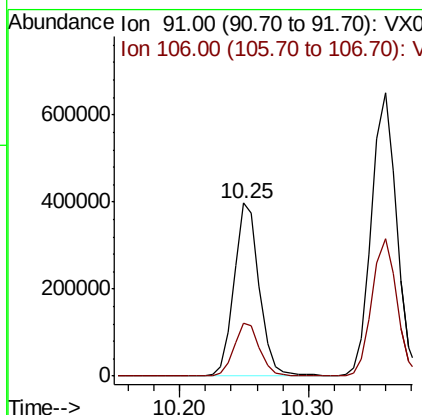
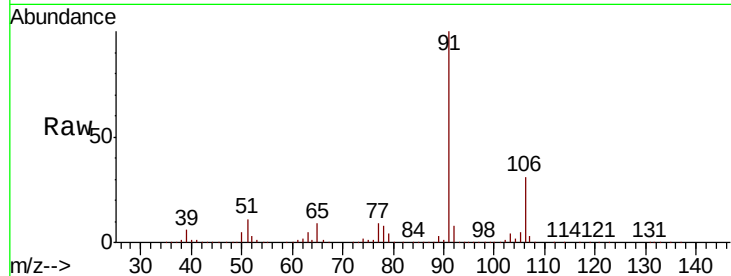
#67  
Ethyl Benzene  
Concen: 52.199 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 544269  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.4 36.6

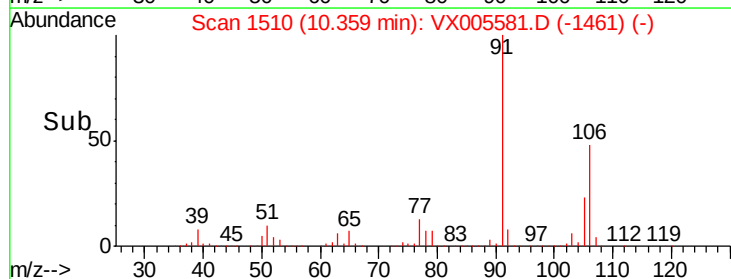
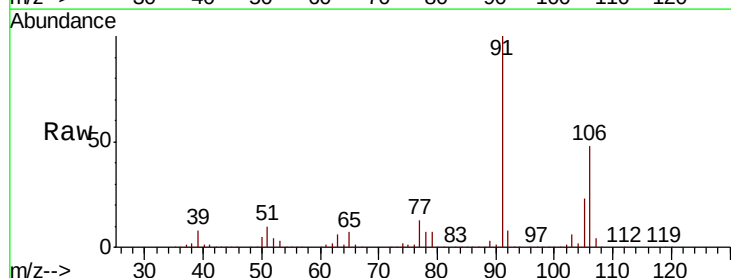
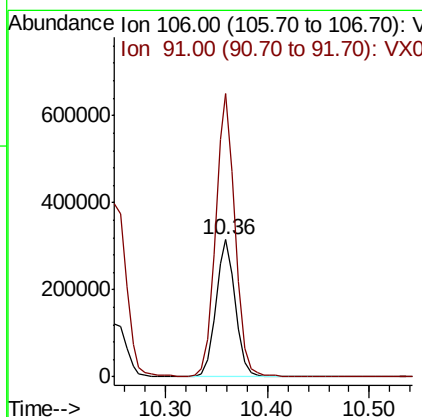
Manual Integrations  
APPROVED

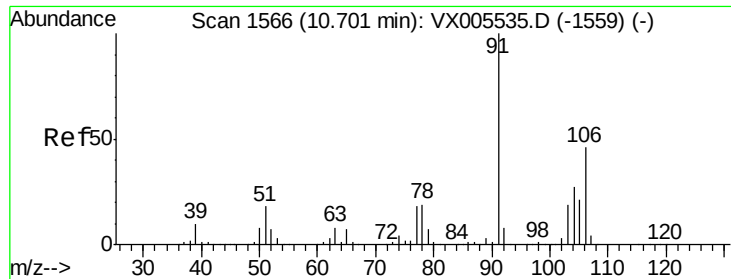
MMDadoda  
10/26/2018 10:02:43 AM



#68  
m/p-Xylenes  
Concen: 104.535 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Tgt Ion: 106 Resp: 422877  
Ion Ratio Lower Upper  
106 100  
91 207.0 164.2 246.4





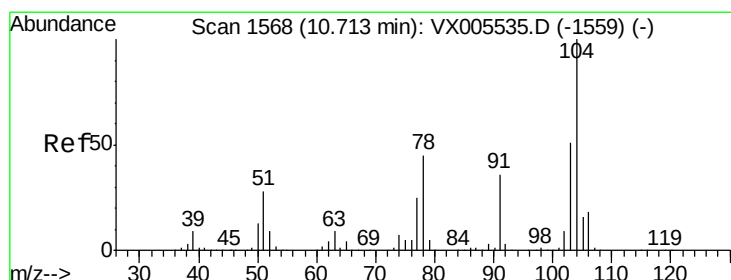
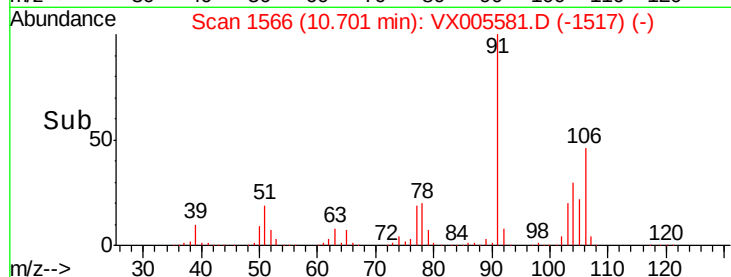
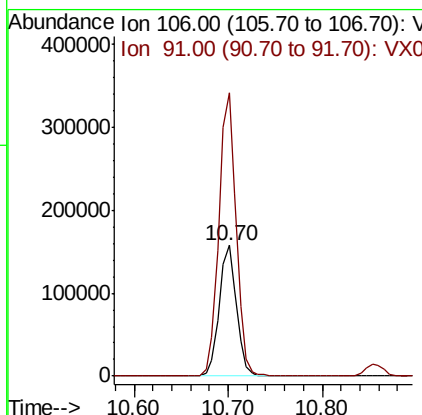
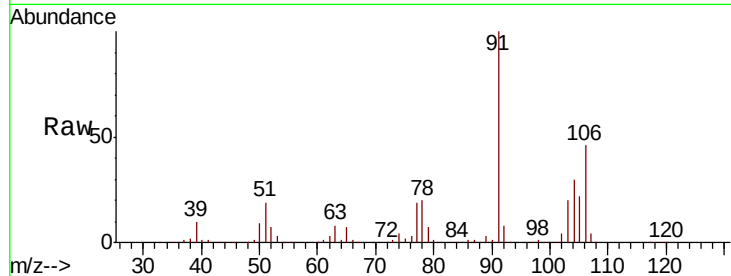
#69  
o-Xylene  
Concen: 52.790 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 216.7 | 108.5 | 325.5 |

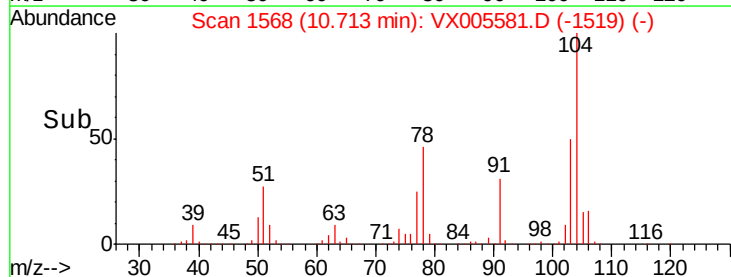
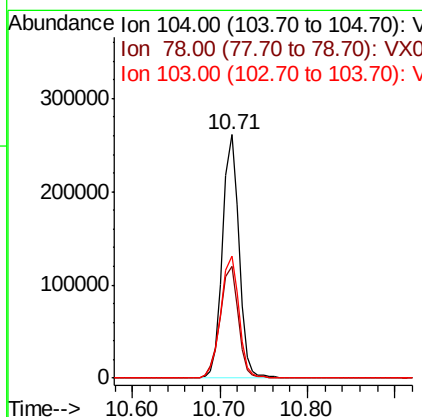
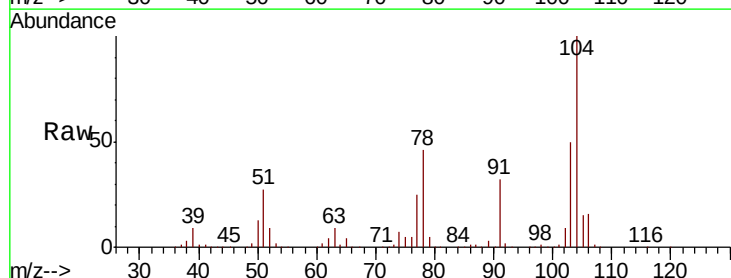
Manual Integrations  
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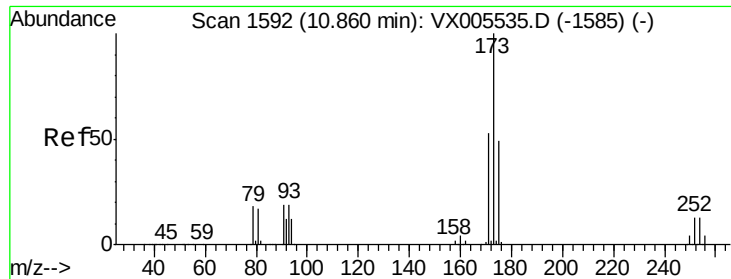


#70  
Styrene  
Concen: 53.263 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.1  | 40.2  | 60.4  |
| 103     | 55.6  | 44.9  | 67.3  |







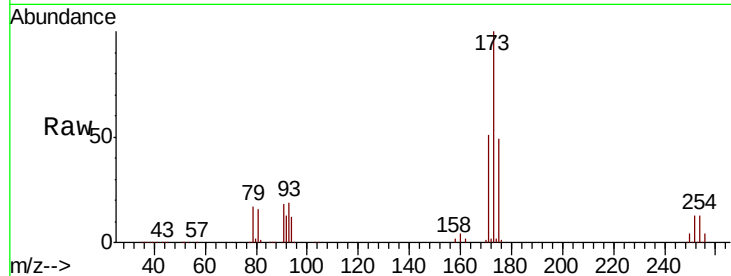
#71  
Bromoform  
Concen: 49.400 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.6  | 24.8  | 74.3  |
| 254     | 0.1   | 0.2   | 0.2#  |

Manual Integrations  
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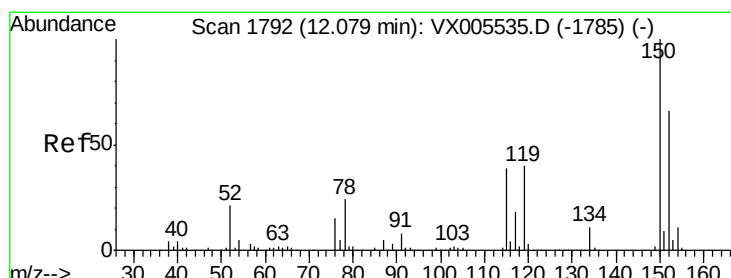
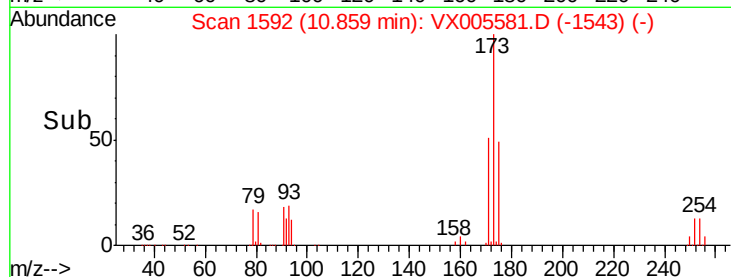
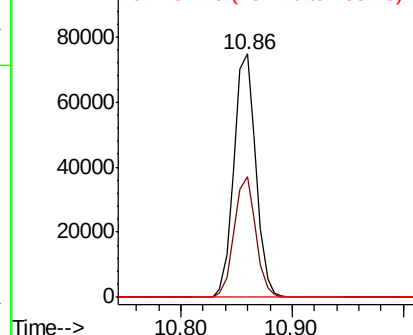


Abundance

Ion 172.70 (172.40 to 173.40): V

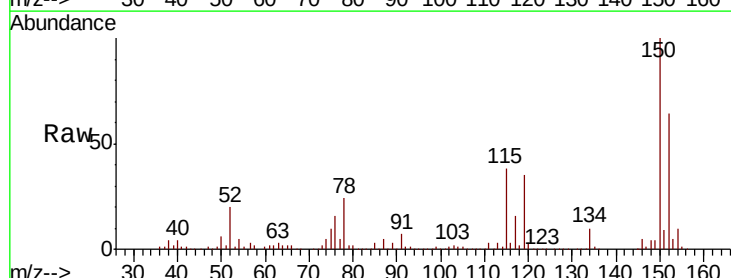
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 79.2  | 39.4  | 118.1 |
| 150     | 172.5 | 0.0   | 346.4 |

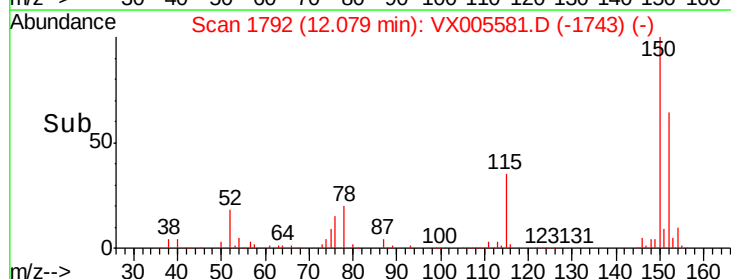
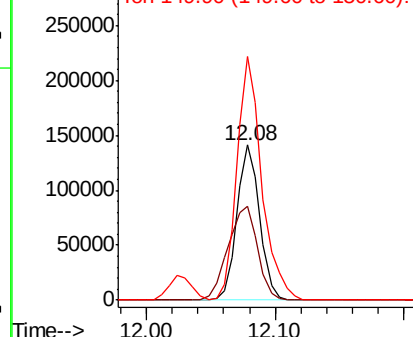


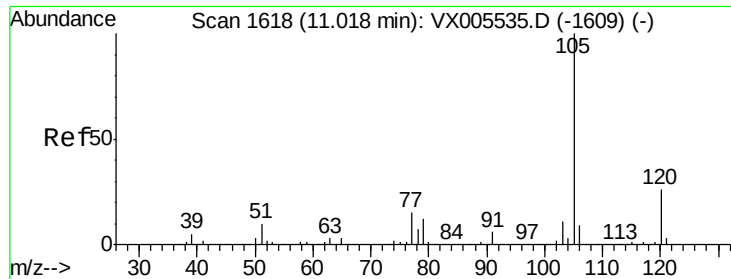
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.042 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 552141

Ion Ratio Lower Upper

105 100

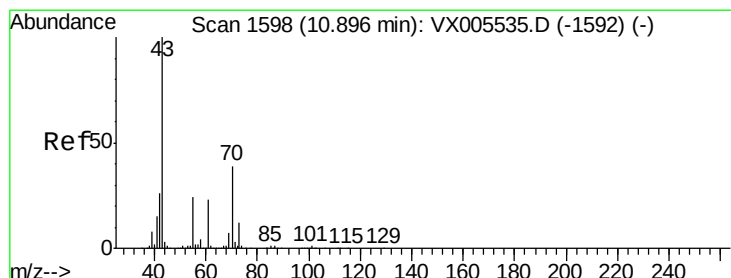
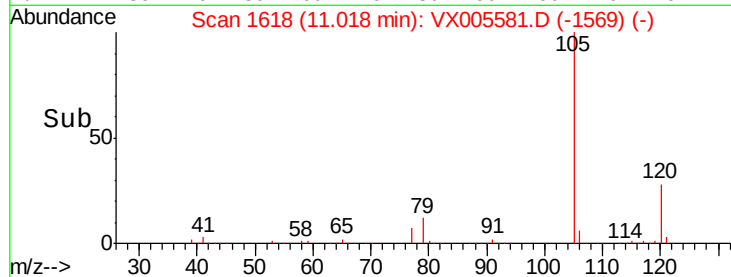
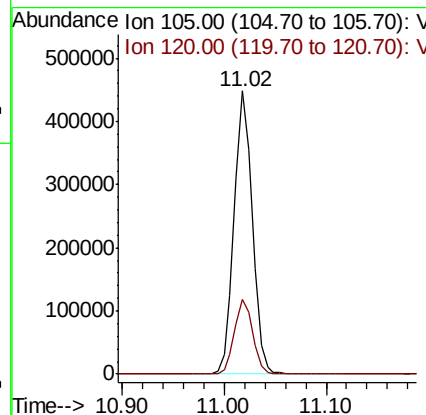
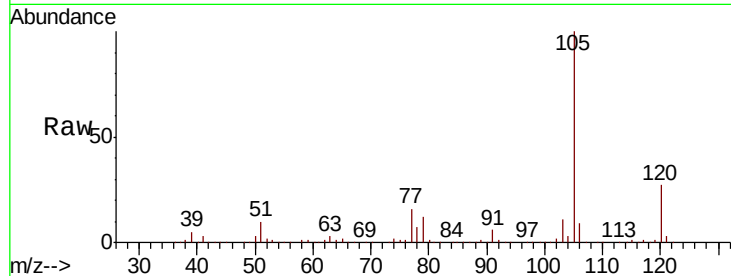
120 26.7 13.1 39.3

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#74

N-ethyl acetate

Concen: 50.798 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Tgt Ion: 43 Resp: 267047

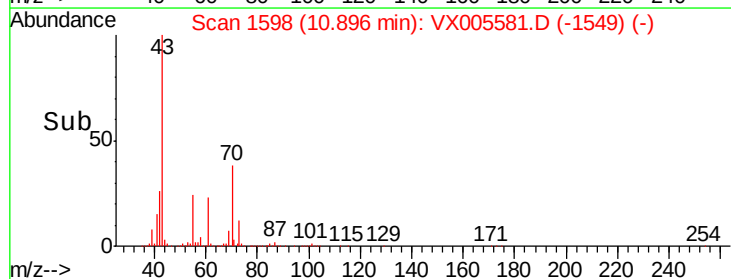
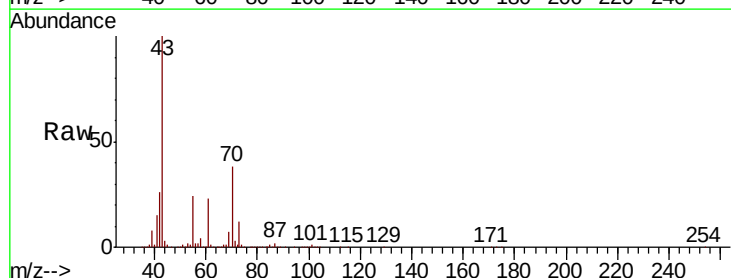
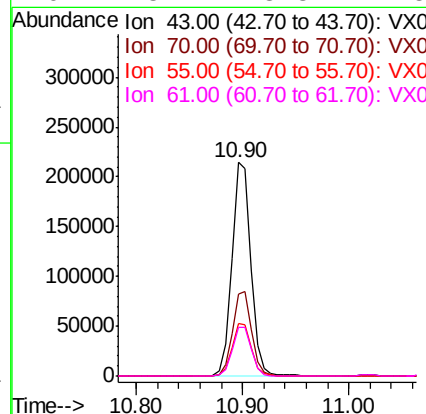
Ion Ratio Lower Upper

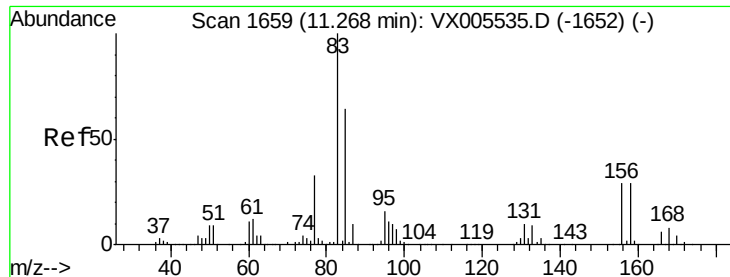
43 100

70 39.7 31.6 47.4

55 25.0 19.7 29.5

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.265 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

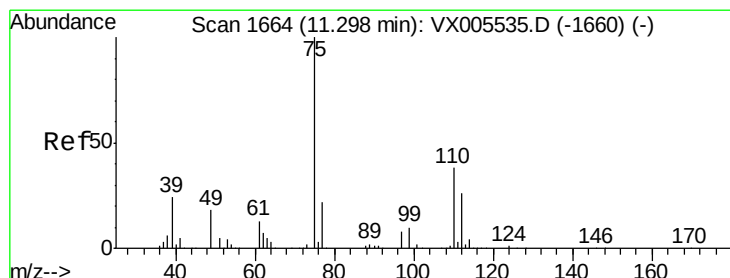
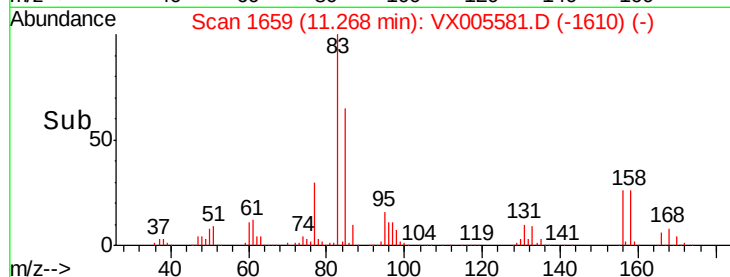
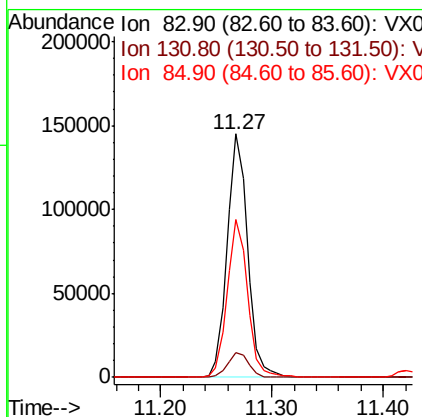
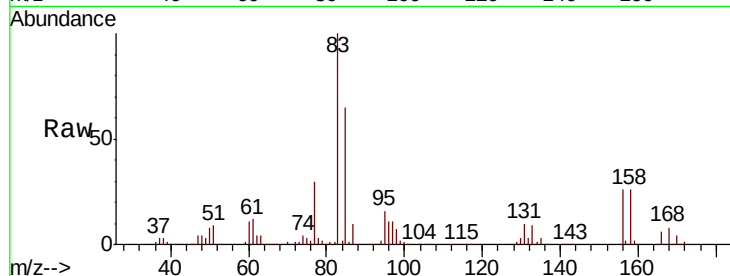
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 185003 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.6  | 5.3   | 15.9   |
| 85        | 64.6  | 32.0  | 96.2   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 48.592 ug/l m

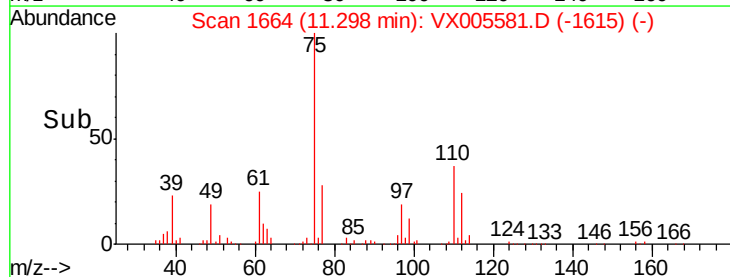
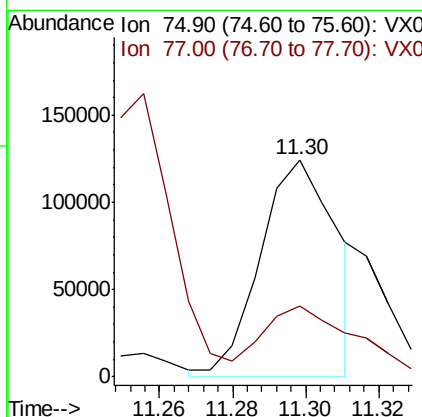
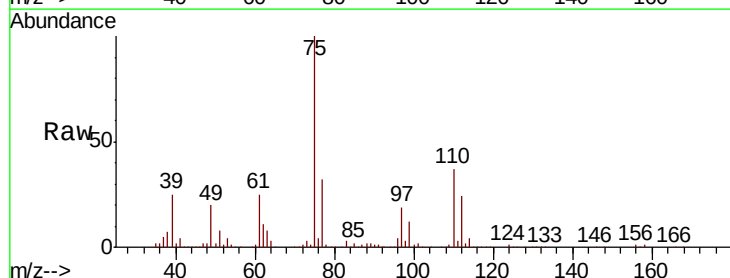
RT: 11.30 min Scan# 1664

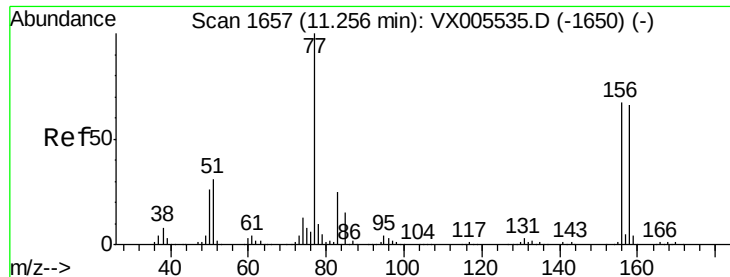
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 178688 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.7  | 20.5  | 61.6   |





#77

Bromobenzene

Concen: 49.453 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 146222

Ion Ratio Lower Upper

156 100

77 147.5 74.8 224.4

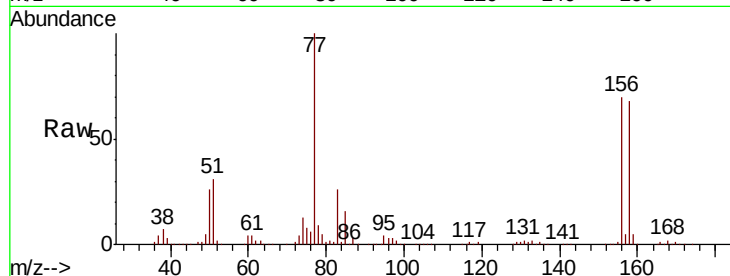
158 97.2 49.1 147.3

Manual Integrations

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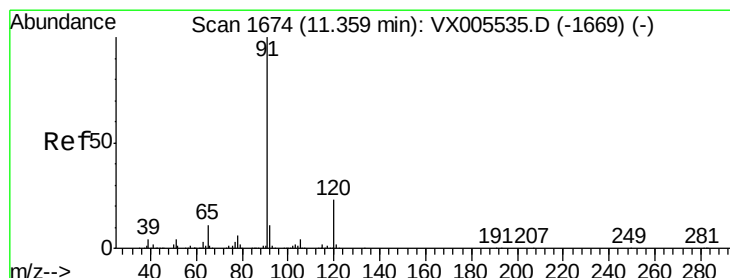
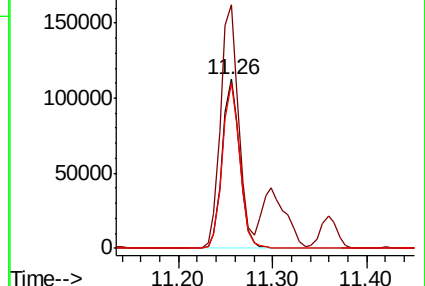
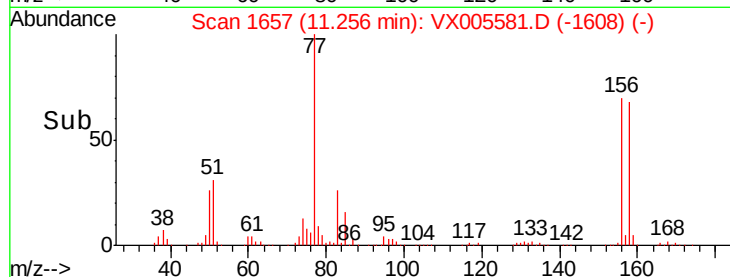
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.986 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005581.D

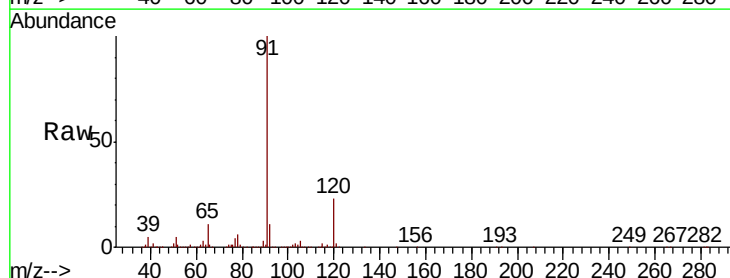
Acq: 25 Oct 2018 11:17

Tgt Ion: 91 Resp: 654930

Ion Ratio Lower Upper

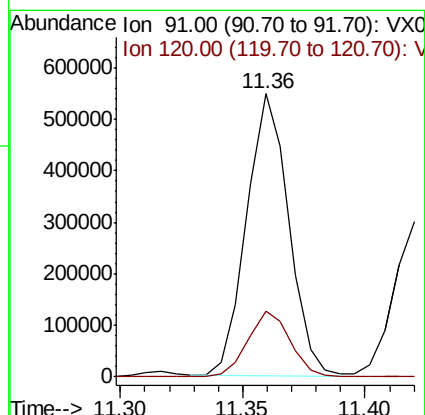
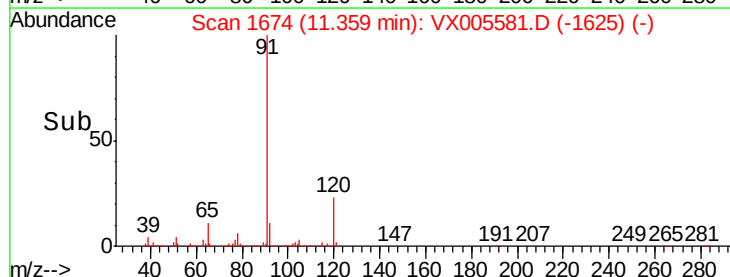
91 100

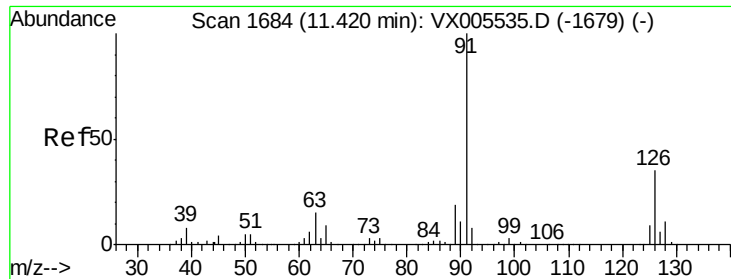
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.568 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 380365

Ion Ratio Lower Upper

91 100

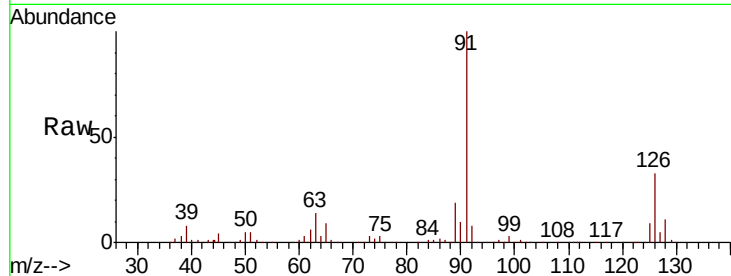
126 34.9 17.3 52.0

Manual Integrations

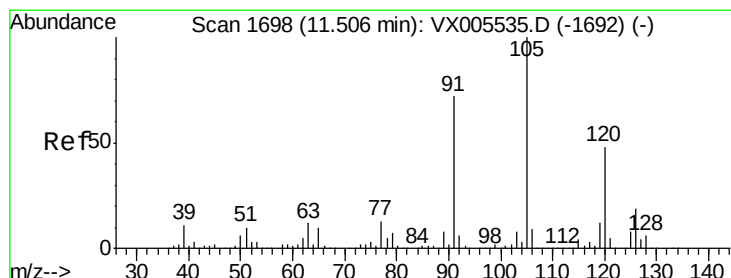
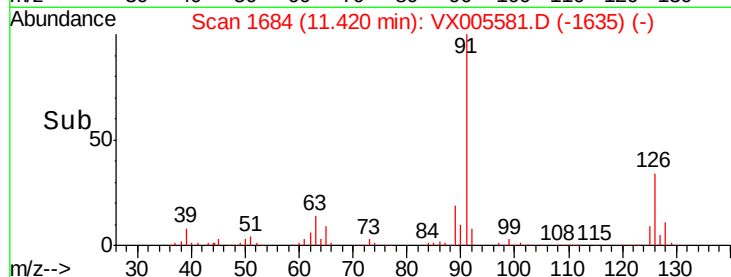
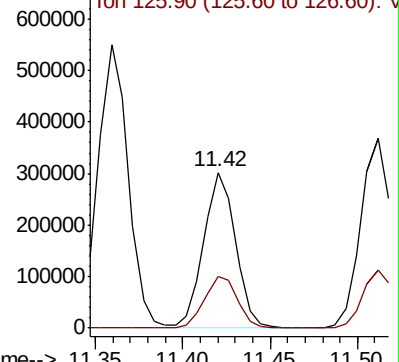
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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.247 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005581.D

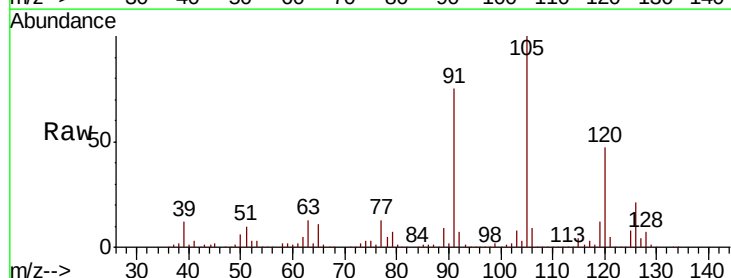
Acq: 25 Oct 2018 11:17

Tgt Ion: 105 Resp: 483261

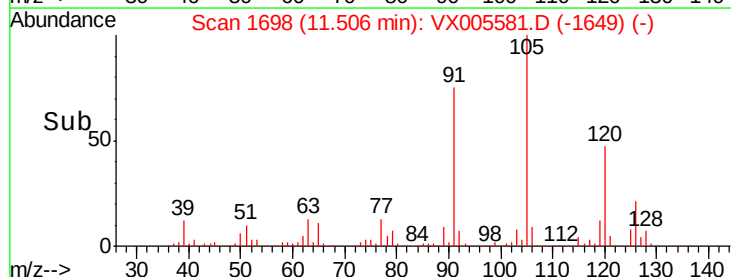
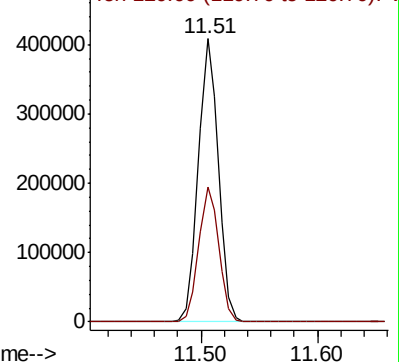
Ion Ratio Lower Upper

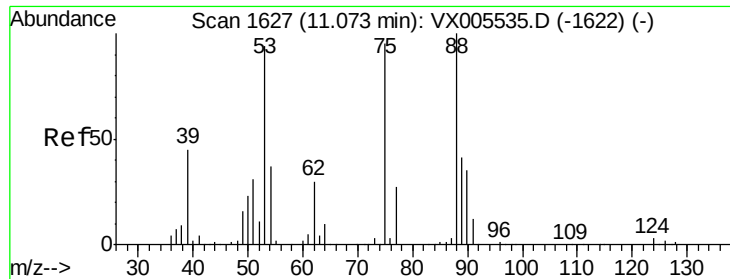
105 100

120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.307 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

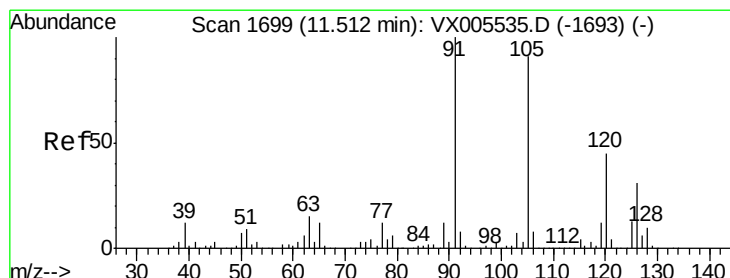
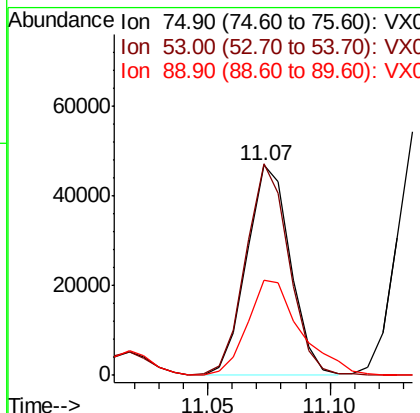
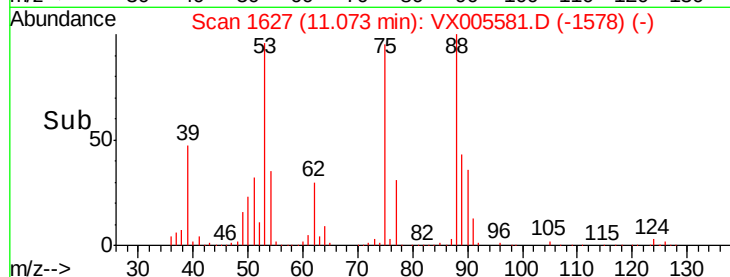
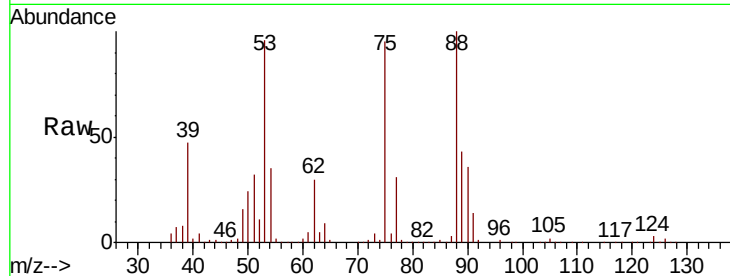
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 57742 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 100.0 | 80.2  | 120.2 |
| 89        | 55.4  | 39.8  | 59.8  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 51.562 ug/l

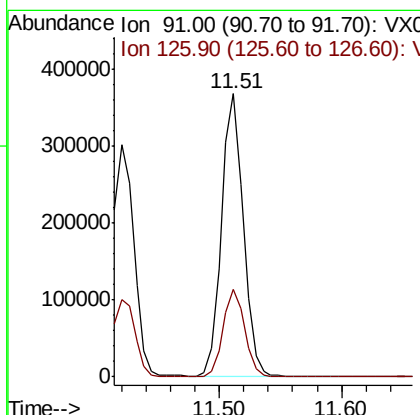
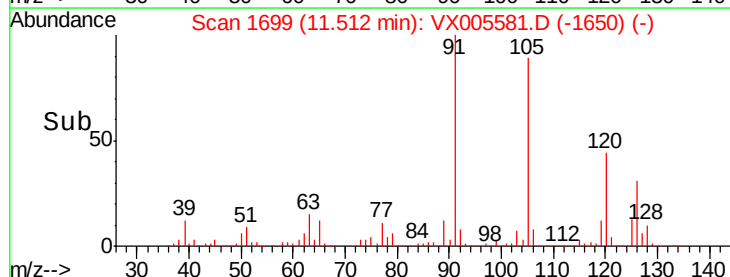
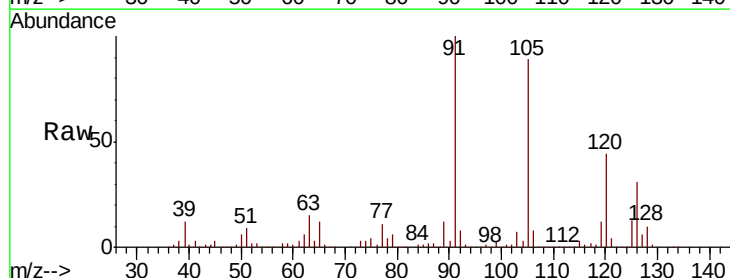
RT: 11.51 min Scan# 1699

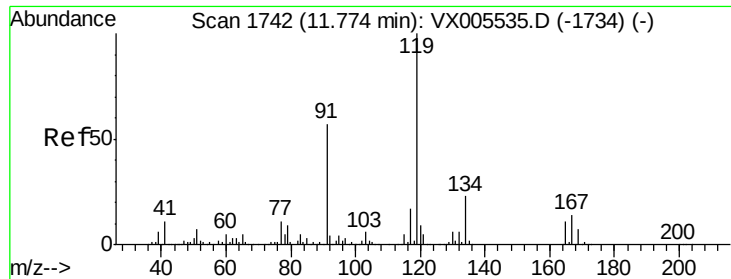
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 457332 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.6  | 15.2  | 45.6   |





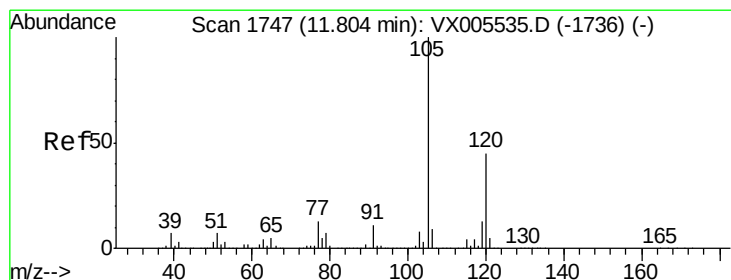
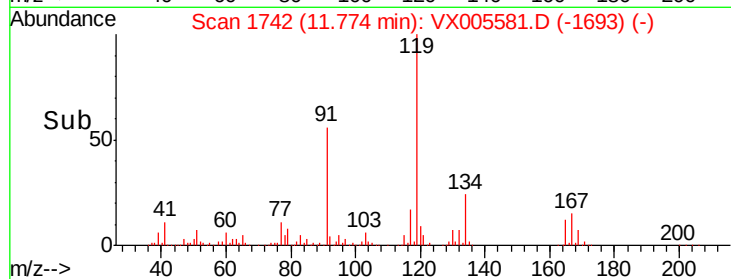
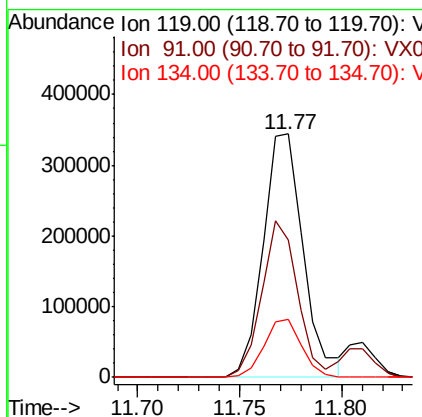
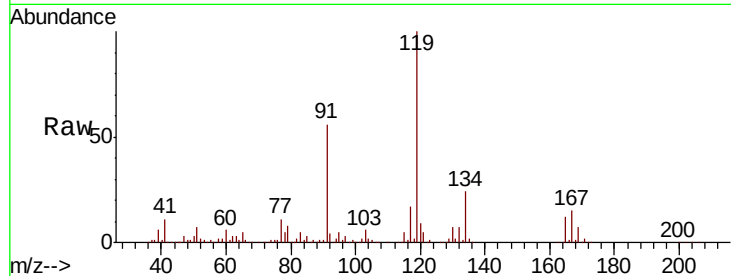
#83  
 tert-Butylbenzene  
 Concen: 52.318 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 473313 |       |       |
| 91      | 57.1  | 28.5   | 85.5  |       |
| 134     | 22.4  | 11.3   | 33.8  |       |

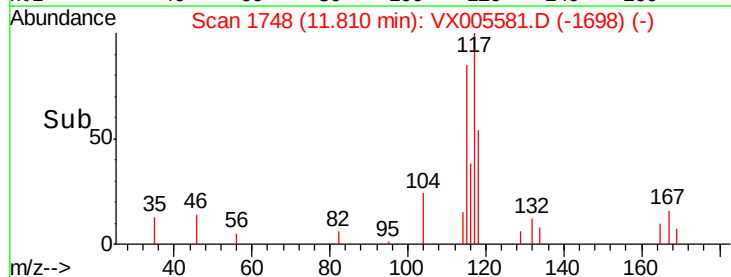
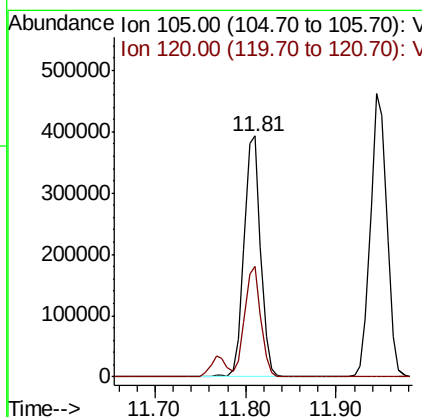
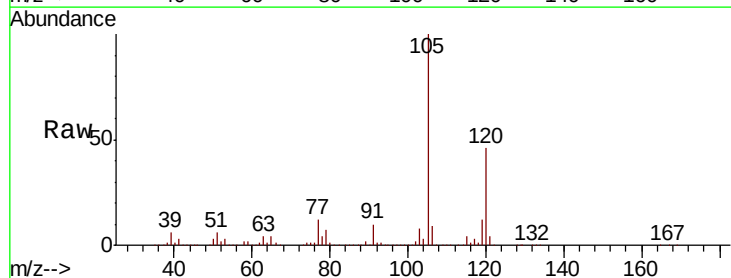
Manual Integrations  
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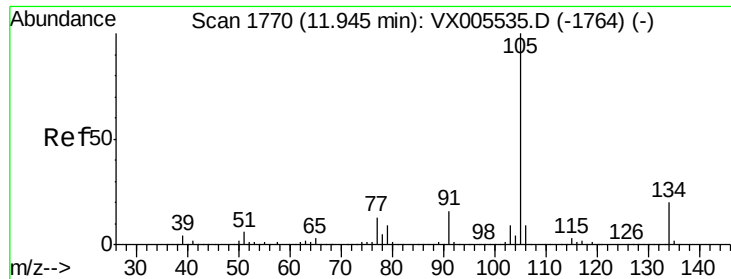
MMDadoda  
 10/26/2018 10:02:43 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.040 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 497078 |       |       |
| 120     | 44.4  | 22.4   | 67.0  |       |





#85

sec-Butylbenzene

Concen: 53.765 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 580404

Ion Ratio Lower Upper

105 100

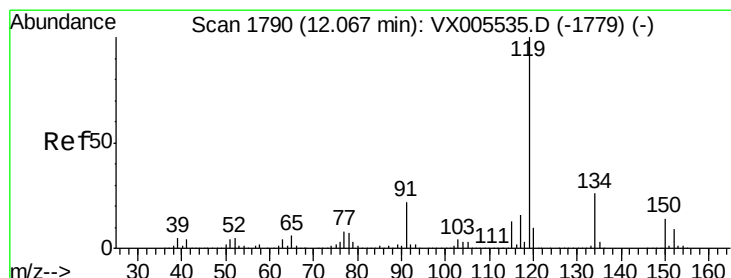
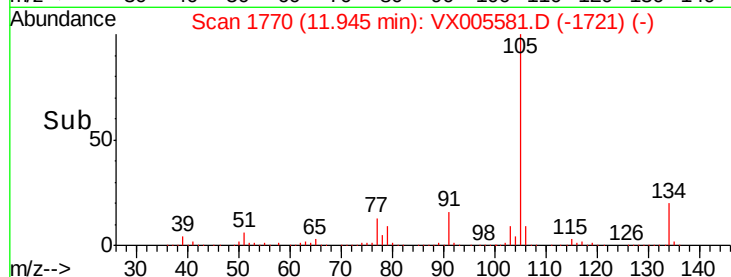
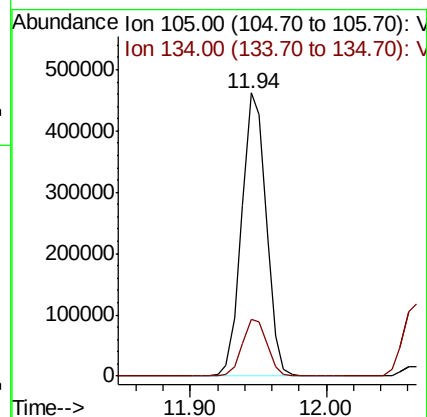
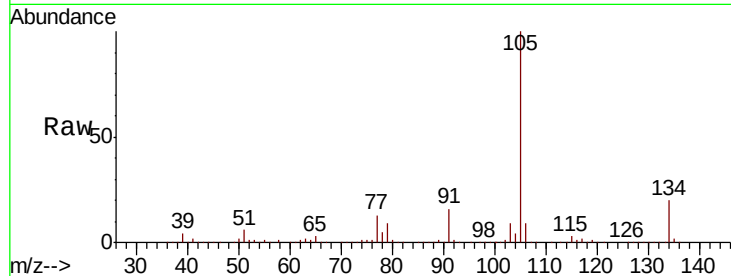
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.528 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

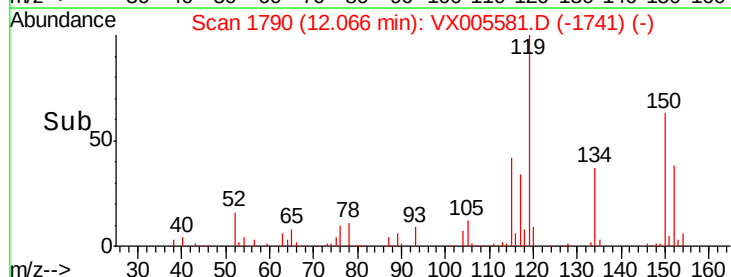
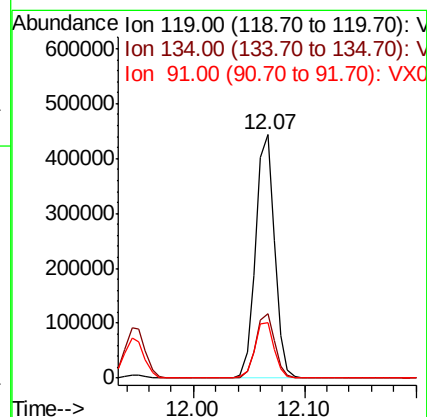
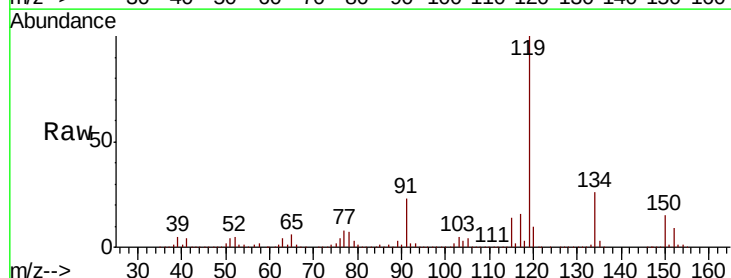
Tgt Ion:119 Resp: 526212

Ion Ratio Lower Upper

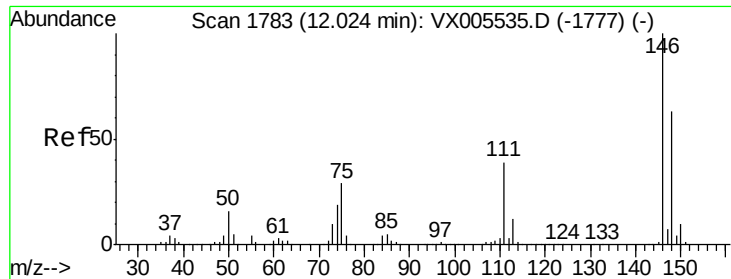
119 100

134 26.4 13.0 39.0

91 23.3 11.4 34.2







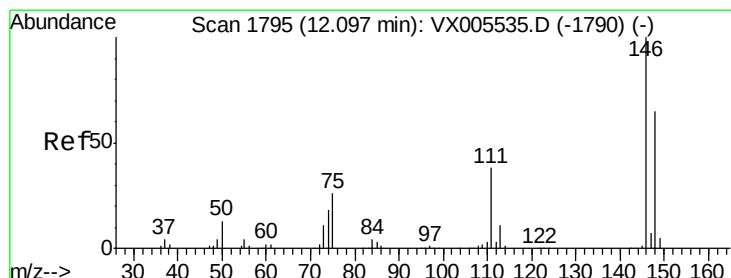
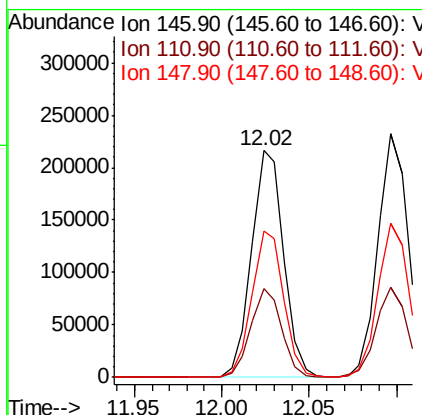
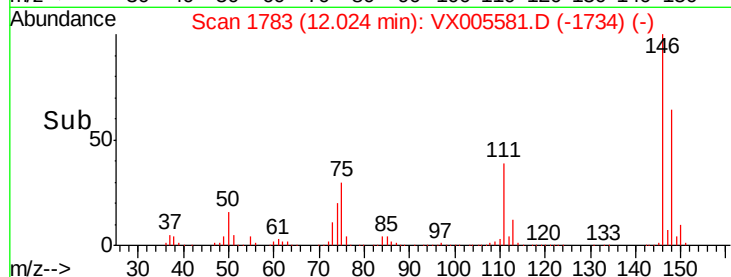
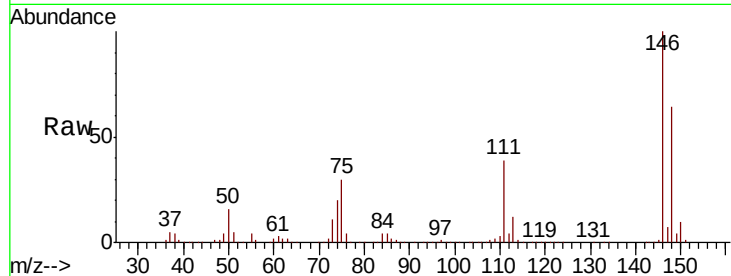
#87  
 1,3-Dichlorobenzene  
 Concen: 49.933 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 19.0  | 57.0  |
| 148     | 64.0  | 31.9  | 95.9  |

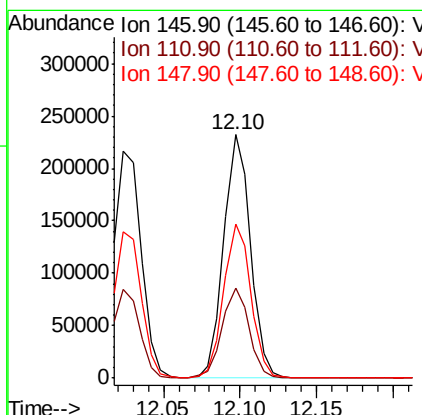
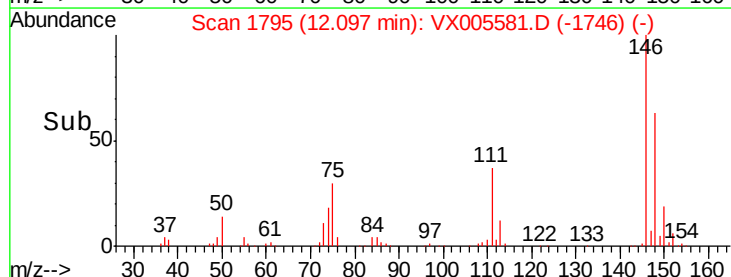
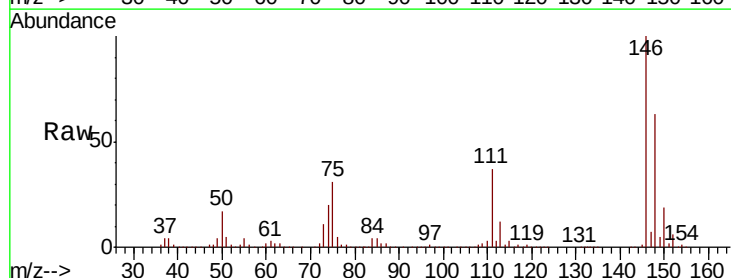
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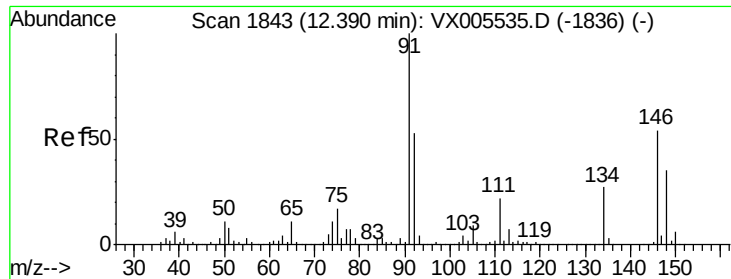
MMDadoda  
 10/26/2018 10:02:43 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.454 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.6  | 55.8  |
| 148     | 64.7  | 32.1  | 96.3  |





#89

n-Butylbenzene

Concen: 55.116 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

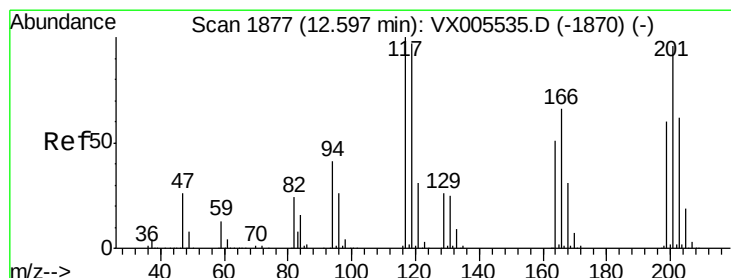
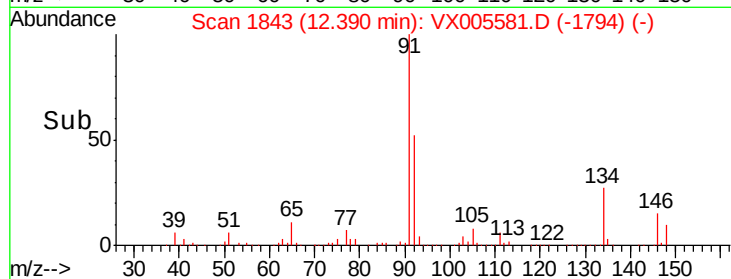
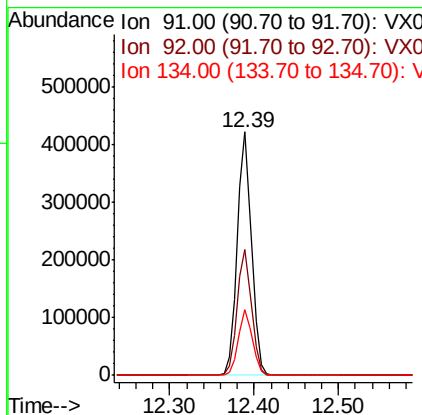
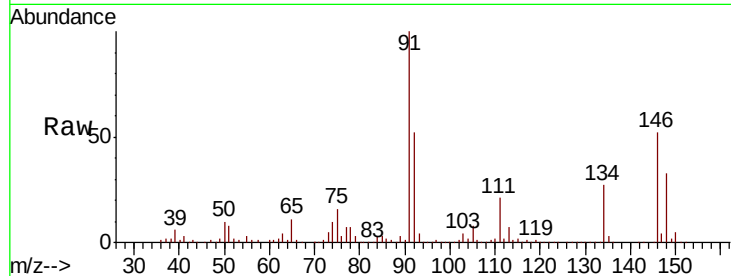
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 480168 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 51.9  | 26.1  | 78.2   |
| 134       | 26.4  | 13.1  | 39.3   |

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#90

Hexachloroethane

Concen: 50.822 ug/l

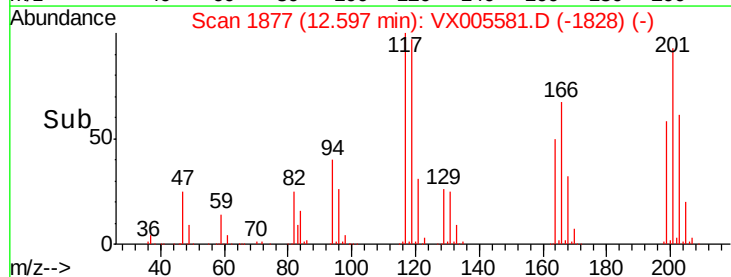
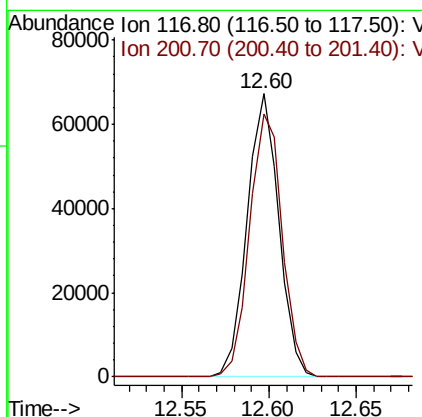
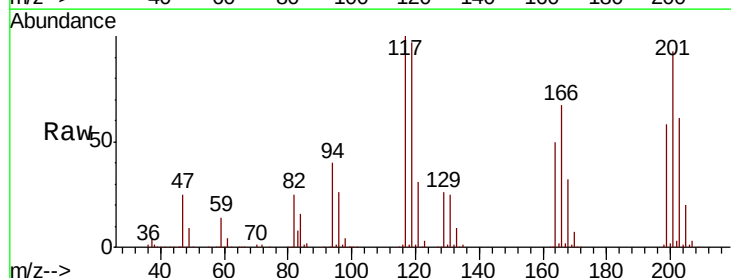
RT: 12.60 min Scan# 1877

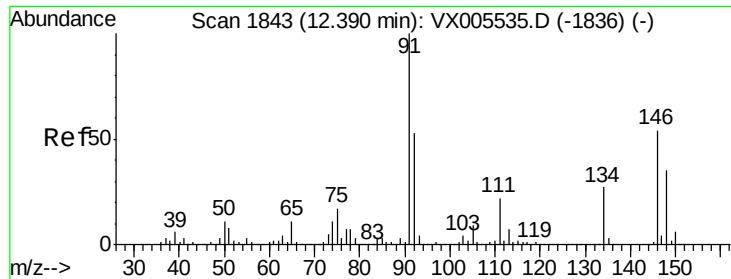
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 84589 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 96.0  | 47.9  | 143.6 |





#91

1,2-Dichlorobenzene

Concen: 48.994 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA\_X

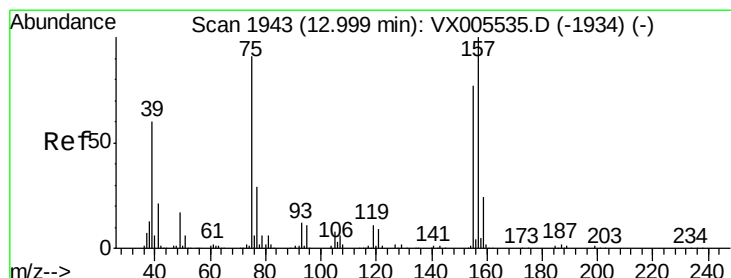
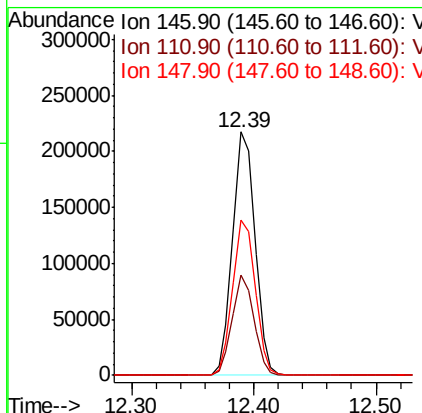
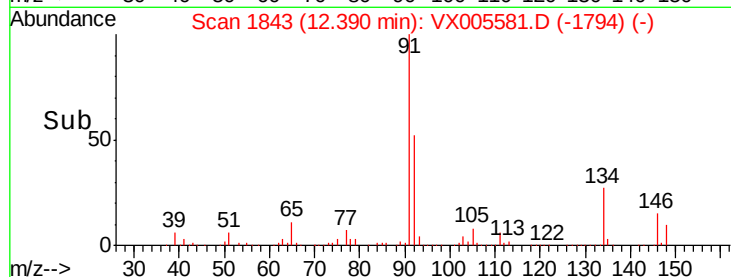
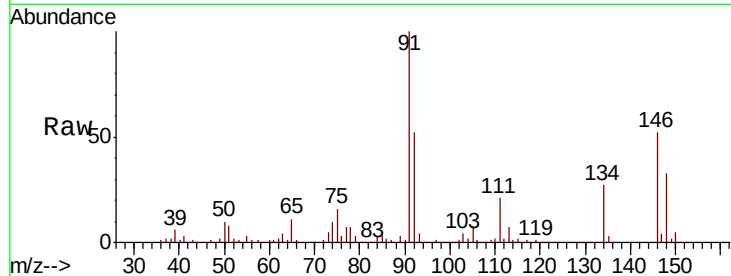
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 275610 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.8  | 20.0  | 59.9   |
| 148       | 64.4  | 32.2  | 96.6   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.415 ug/l

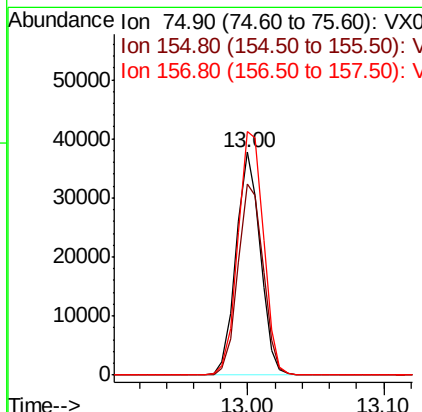
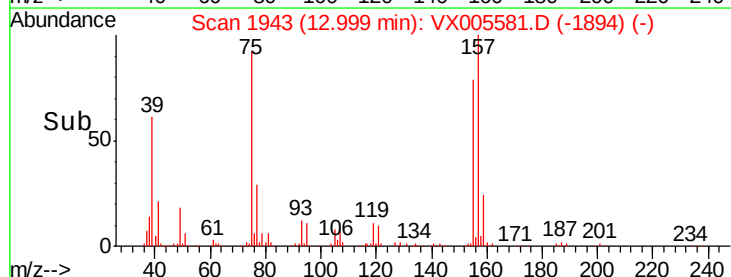
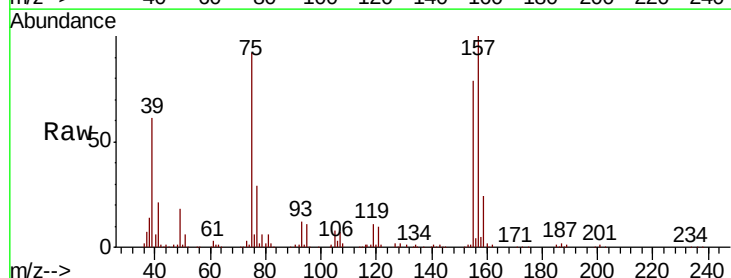
RT: 13.00 min Scan# 1943

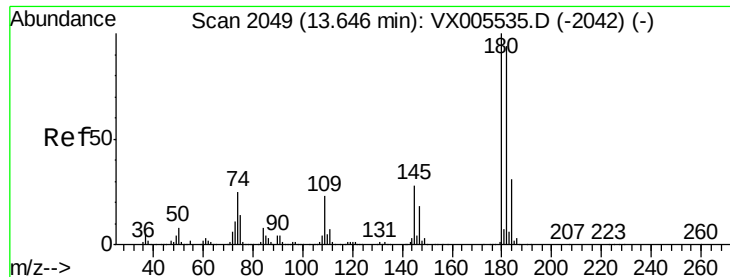
Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 46767 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.2  | 45.4  | 136.1 |
| 157       | 115.3 | 57.4  | 172.0 |





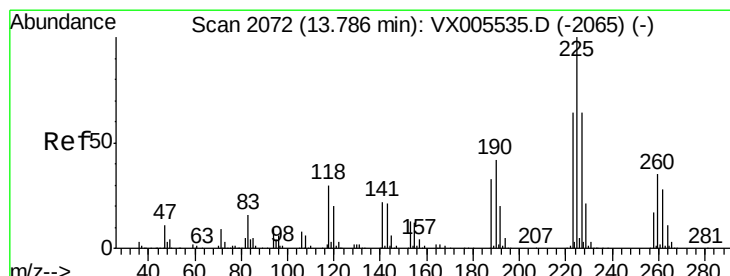
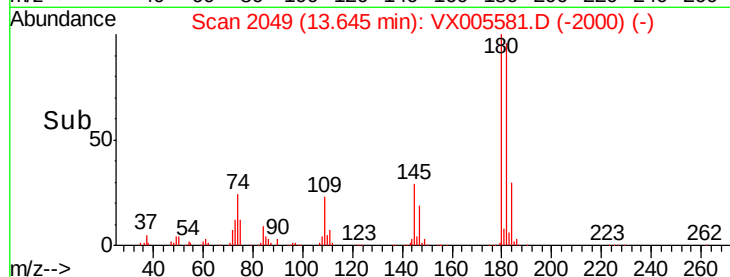
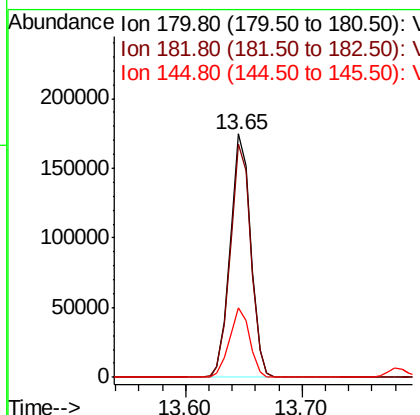
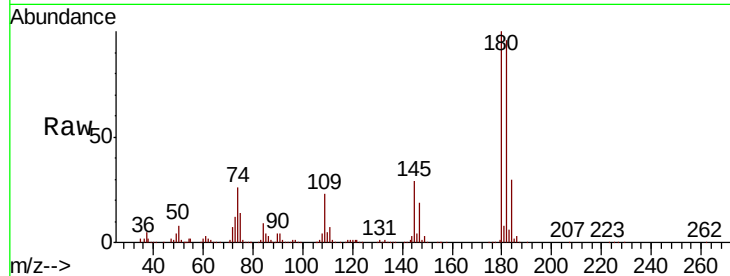
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.461 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 213924 |       |       |
| 182     | 96.2  | 47.6   | 142.8 |       |
| 145     | 28.3  | 14.1   | 42.2  |       |

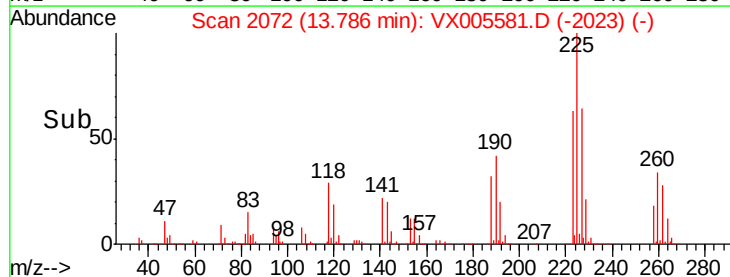
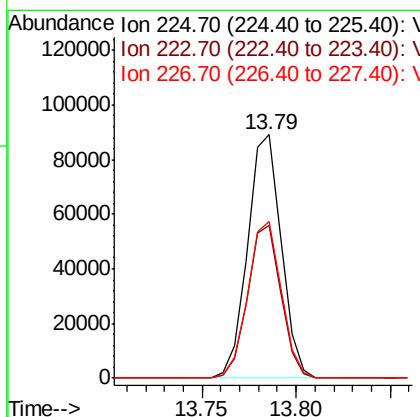
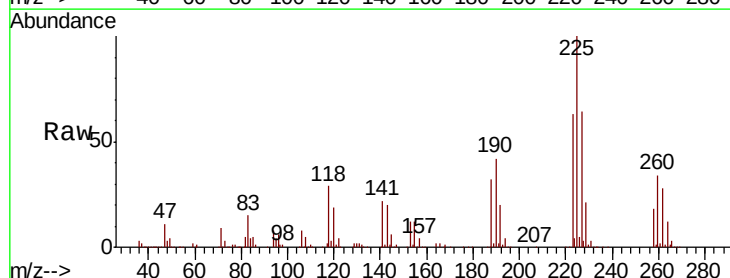
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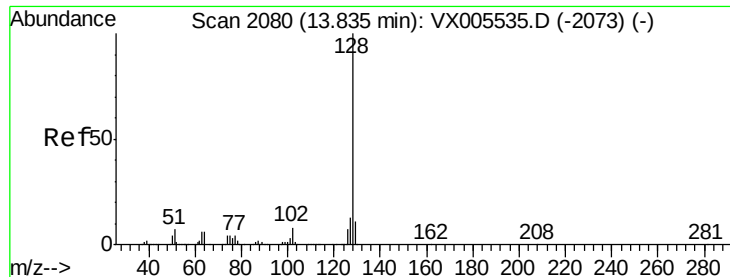
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#94  
 Hexachlorobutadiene  
 Concen: 52.147 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005581.D  
 Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 110198 |       |       |
| 223     | 62.3  | 31.7   | 95.1  |       |
| 227     | 64.1  | 32.3   | 96.9  |       |





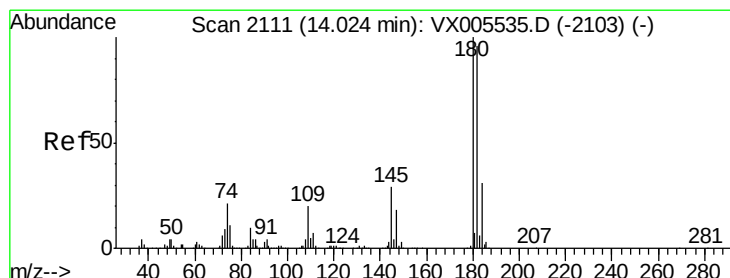
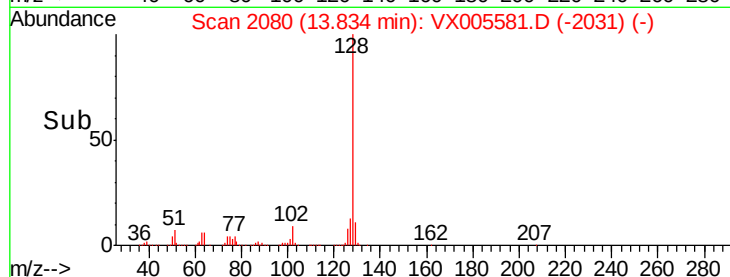
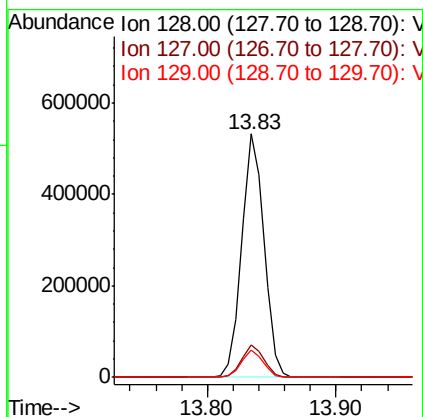
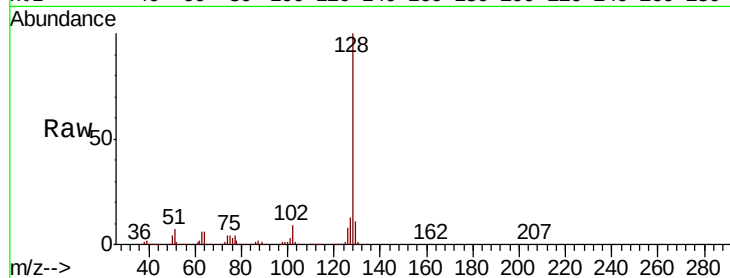
#95  
Naphthalene  
Concen: 53.644 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.4  | 15.6  |
| 129     | 10.9  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.590 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: VX005581.D  
Acq: 25 Oct 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 48.0  | 144.2 |
| 145     | 29.9  | 15.1  | 45.3  |

