

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112624\  
 Data File : VV038376.D  
 Acq On : 26 Nov 2024 19:55  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 27 00:26:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 27 00:19:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 230090   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 243767   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 131410   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 57610    | 3.267    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 65.400%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 56181    | 3.938    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 27825    | 3.666    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 73.400%  |
| 20) 2-Butanone-d5             | 3.786  | 46    | 176191   | 49.941   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.880%  |
| 24) Chloroform-d              | 4.239  | 84    | 156571   | 4.574    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 71313    | 4.644    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 32) Benzene-d6                | 4.953  | 84    | 255928   | 4.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 81732    | 4.216    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 7.236  | 98    | 243438   | 4.176    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 30374    | 4.214    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.200%  |
| 46) 2-Hexanone-d5             | 8.021  | 63    | 121991   | 43.540   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 87.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 79864    | 4.853    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 92016    | 4.110    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 82.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 94814    | 4.355    | ug/L   | 99       |
| 3) Chloromethane              | 1.214  | 50    | 91542    | 4.883    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.278  | 62    | 94695    | 4.458    | ug/L   | 95       |
| 6) Bromomethane               | 1.481  | 94    | 55039    | 6.645    | ug/L   | 91       |
| 8) Chloroethane               | 1.545  | 64    | 61431    | 4.539    | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 1.709  | 101   | 133115   | 4.404    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101   | 78937    | 4.576    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.063  | 96    | 70937    | 4.316    | ug/L   | 87       |
| 13) Acetone                   | 2.114  | 43    | 120338   | 46.119   | ug/L   | 99       |
| 14) Carbon disulfide          | 2.233  | 76    | 210913   | 3.984    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.378  | 43    | 29995    | 4.734    | ug/L   | 90       |
| 16) Methylene chloride        | 2.439  | 84    | 83763    | 4.470    | ug/L   | 92       |
| 17) Methyl tert-butyl Ether   | 2.696  | 73    | 156017   | 4.199    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.687  | 96    | 73239    | 4.230    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.104  | 63    | 149222   | 4.748    | ug/L   | 99       |
| 21) 2-Butanone                | 3.867  | 43    | 170475   | 45.522   | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.809  | 96    | 80262    | 4.484    | ug/L   | 93       |
| 23) Bromochloromethane        | 4.143  | 128   | 39896    | 4.565    | ug/L   | 97       |
| 25) Chloroform                | 4.265  | 83    | 158864   | 4.725    | ug/L   | 99       |

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 Acq On : 26 Nov 2024 19:55  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

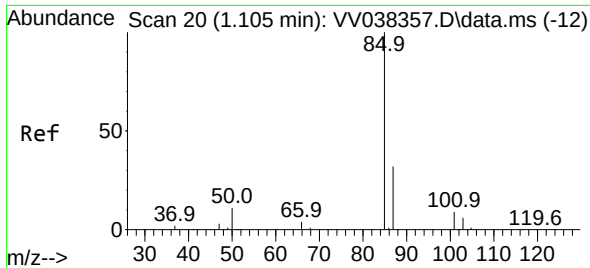
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 27 00:26:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 27 00:19:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 89586    | 4.897  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.503  | 97   | 134687   | 4.607  | ug/L  | 97       |
| 30) Cyclohexane               | 4.574  | 56   | 96136    | 3.965  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.725  | 117  | 117915   | 4.572  | ug/L  | 97       |
| 33) Benzene                   | 5.002  | 78   | 314751   | 4.597  | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 80642    | 4.320  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.040  | 83   | 102189   | 3.870  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 80528    | 4.695  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.426  | 83   | 108097   | 4.689  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 101147   | 4.225  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 439013   | 48.906 | ug/L  | 98       |
| 42) Toluene                   | 7.310  | 91   | 342694   | 4.726  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 90105    | 4.455  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.763  | 97   | 64998    | 4.673  | ug/L  | 93       |
| 47) Tetrachloroethene         | 7.899  | 164  | 65187    | 4.346  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.069  | 43   | 334177   | 51.336 | ug/L  | 94       |
| 49) Dibromochloromethane      | 8.169  | 129  | 69374    | 4.575  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 59355    | 4.603  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.808  | 112  | 222280   | 4.449  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.940  | 91   | 327486   | 4.257  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.069  | 106  | 126284   | 4.350  | ug/L  | 99       |
| 54) o-Xylene                  | 9.471  | 106  | 119306   | 4.221  | ug/L  | 96       |
| 55) Styrene                   | 9.490  | 104  | 224190   | 4.500  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 78508    | 4.827  | ug/L  | 98       |
| 59) Bromoform                 | 9.661  | 173  | 33332    | 4.358  | ug/L  | 96       |
| 60) Isopropylbenzene          | 9.860  | 105  | 326615   | 4.315  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 52132    | 4.634  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 231901   | 3.861  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 238379   | 3.980  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 173032   | 4.258  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 179794   | 4.376  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.570 | 146  | 164938   | 4.385  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75   | 10928    | 4.327  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 109218   | 3.794  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 85621    | 3.598  | ug/L  | 96       |
| 71) Naphthalene               | 13.435 | 128  | 111804   | 3.020  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 80870    | 3.678  | ug/L  | 99       |

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

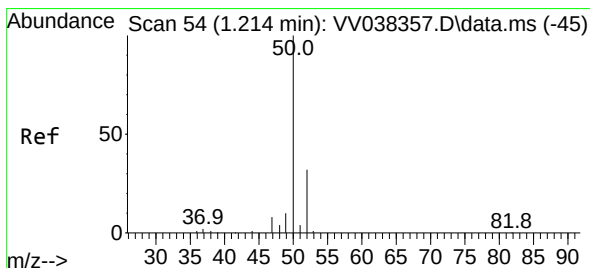
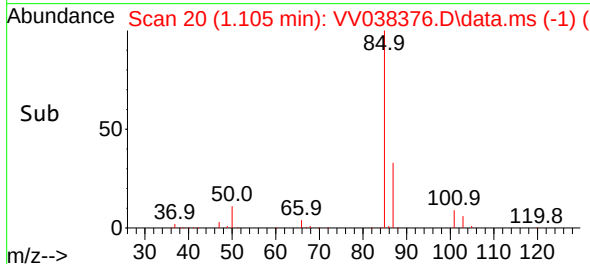
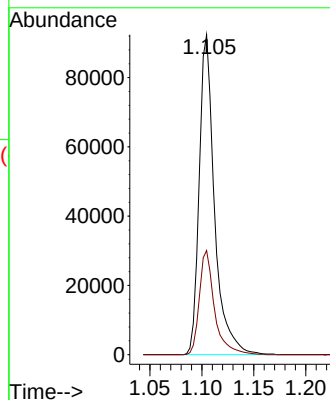
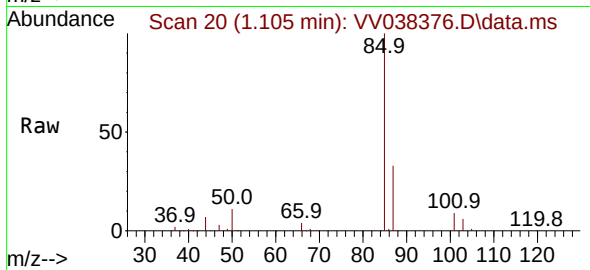




#2  
 Dichlorodifluoromethane  
 Concen: 4.355 ug/L  
 RT: 1.105 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

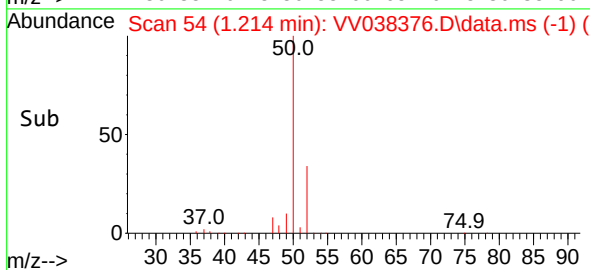
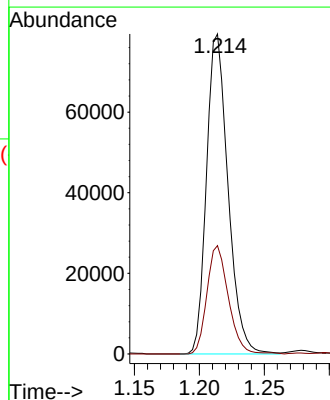
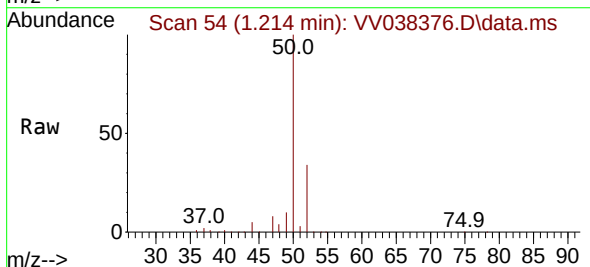
Instrument :  
 MSVOA\_V  
 ClientSampleId :

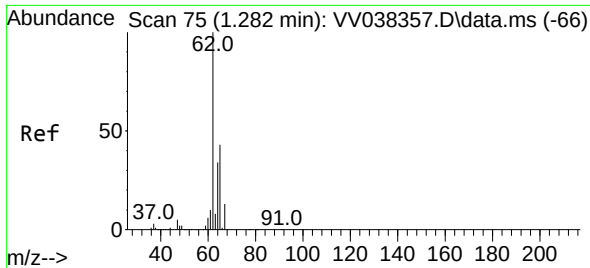
Tgt Ion: 85 Resp: 94814  
 Ion Ratio Lower Upper  
 85 100  
 87 32.3 26.5 39.7



#3  
 Chloromethane  
 Concen: 4.883 ug/L  
 RT: 1.214 min Scan# 54  
 Delta R.T. -0.000 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

Tgt Ion: 50 Resp: 91542  
 Ion Ratio Lower Upper  
 50 100  
 52 33.9 23.5 43.7

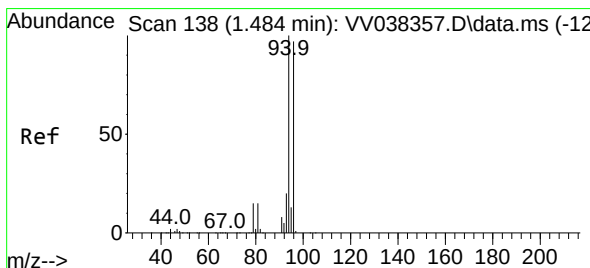
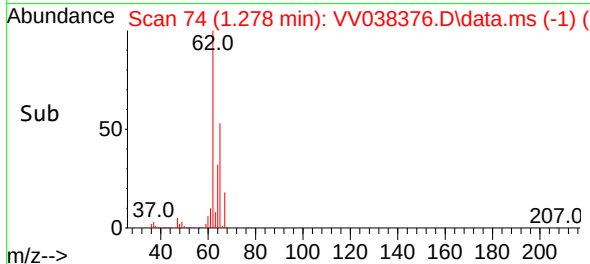
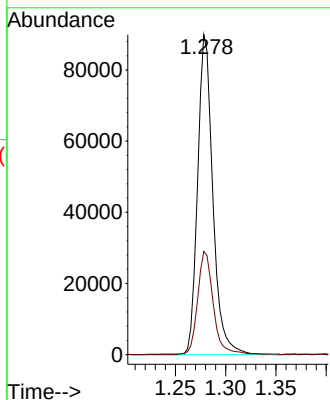
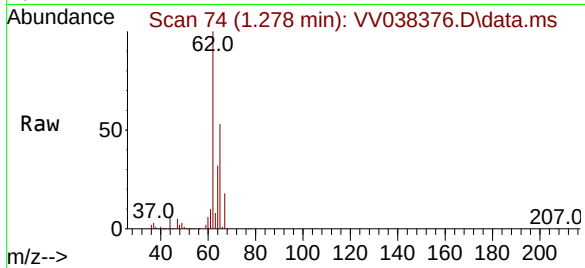




#5  
 Vinyl chloride  
 Concen: 4.458 ug/L  
 RT: 1.278 min Scan# 74  
 Delta R.T. -0.003 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

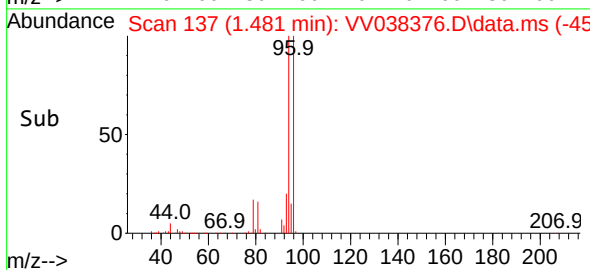
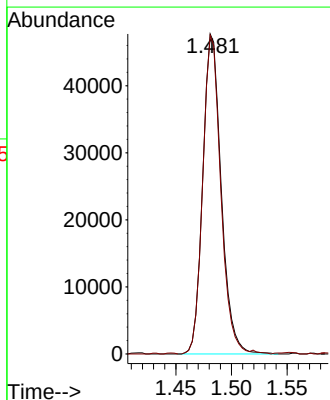
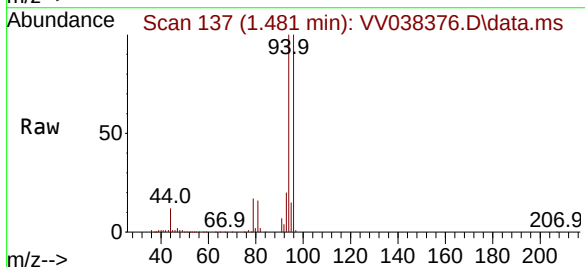
Instrument :  
 MSVOA\_V  
 ClientSampleId :

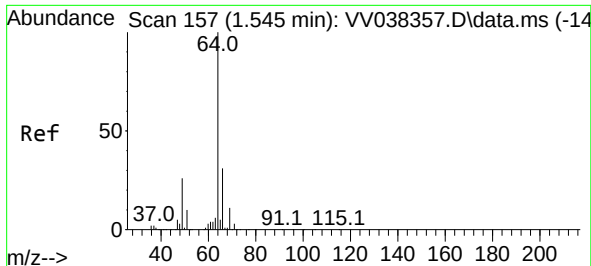
Tgt Ion: 62 Resp: 94695  
 Ion Ratio Lower Upper  
 62 100  
 64 32.3 24.4 45.4



#6  
 Bromomethane  
 Concen: 6.645 ug/L  
 RT: 1.481 min Scan# 137  
 Delta R.T. -0.003 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

Tgt Ion: 94 Resp: 55039  
 Ion Ratio Lower Upper  
 94 100  
 96 99.6 63.7 118.3

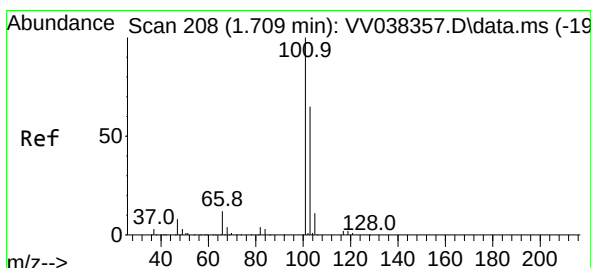
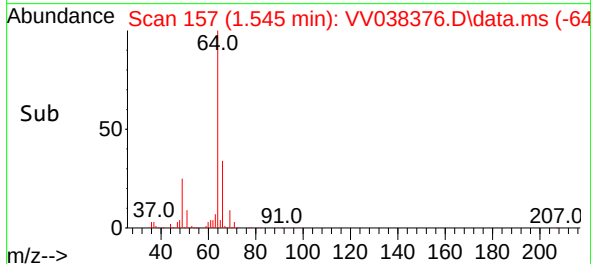
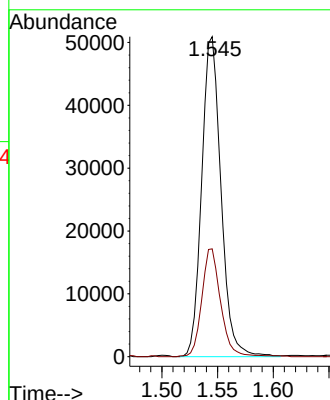
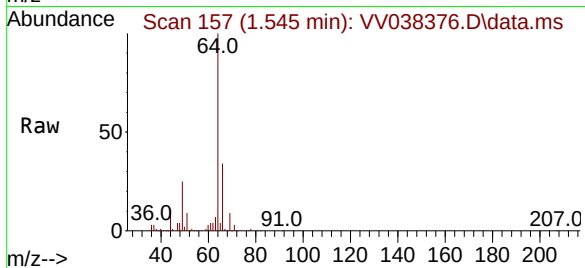




#8  
Chloroethane  
Concen: 4.539 ug/L  
RT: 1.545 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

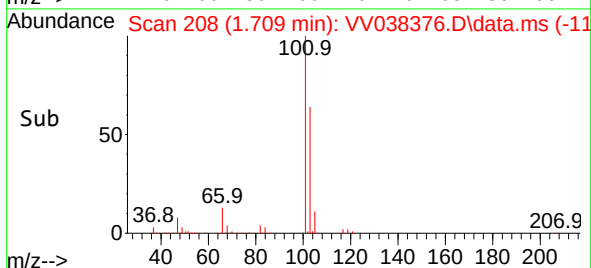
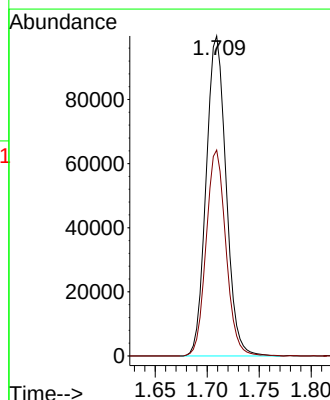
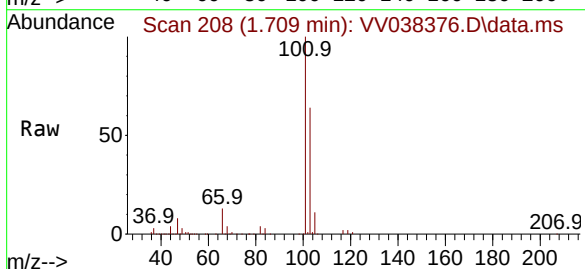
Instrument :  
MSVOA\_V  
ClientSampleId :

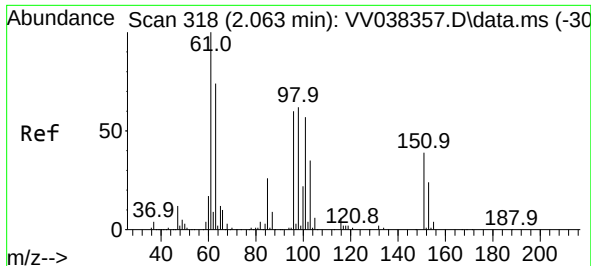
Tgt Ion: 64 Resp: 61431  
Ion Ratio Lower Upper  
64 100  
66 33.7 22.0 40.8



#9  
Trichlorofluoromethane  
Concen: 4.404 ug/L  
RT: 1.709 min Scan# 208  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion:101 Resp: 133115  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.576 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

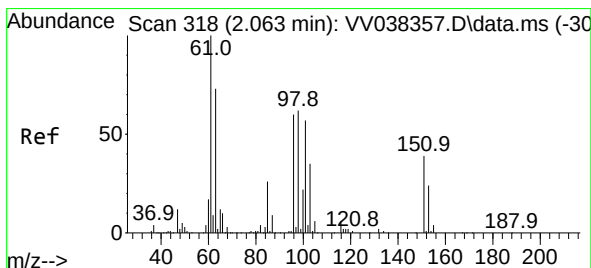
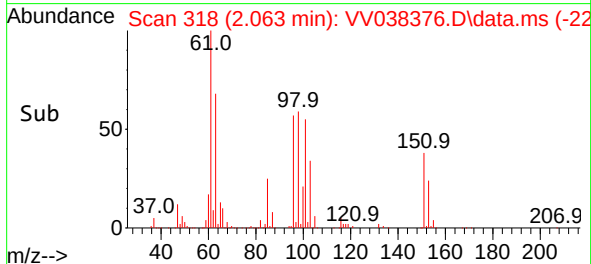
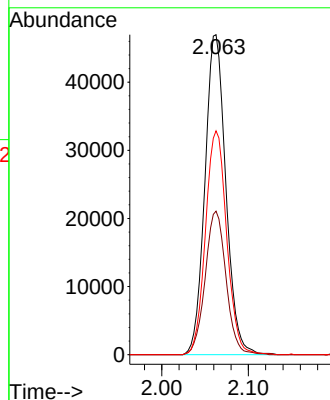
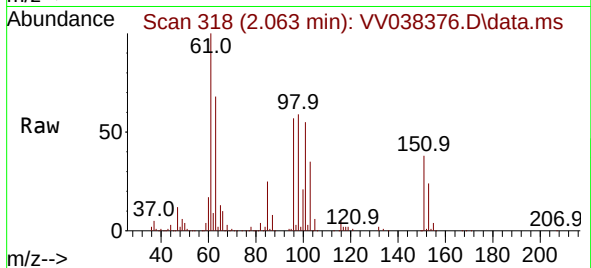
Tgt Ion:101 Resp: 78937

Ion Ratio Lower Upper

101 100

85 44.7 33.4 50.0

151 71.0 58.8 88.2



#12

1,1-Dichloroethene

Concen: 4.316 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

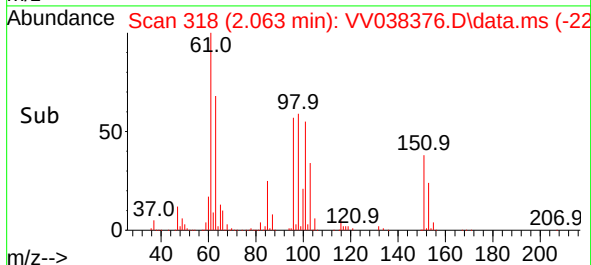
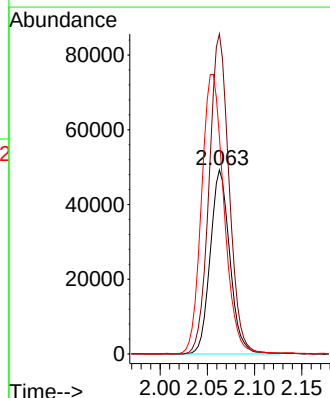
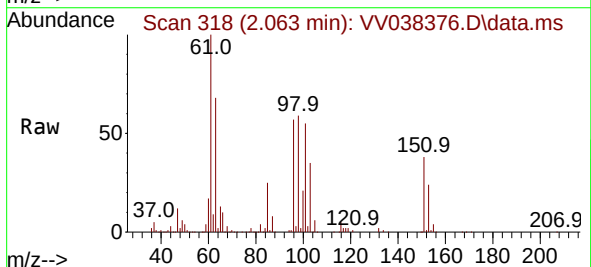
Tgt Ion: 96 Resp: 70937

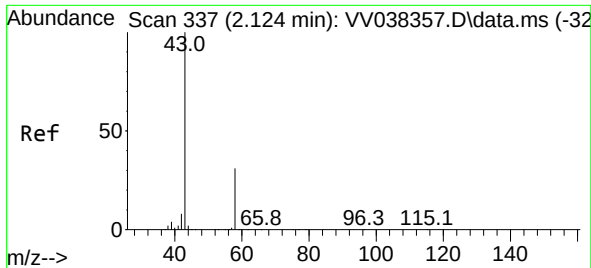
Ion Ratio Lower Upper

96 100

61 173.9 115.7 214.9

63 118.2 101.1 187.7





#13

Acetone

Concen: 46.119 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

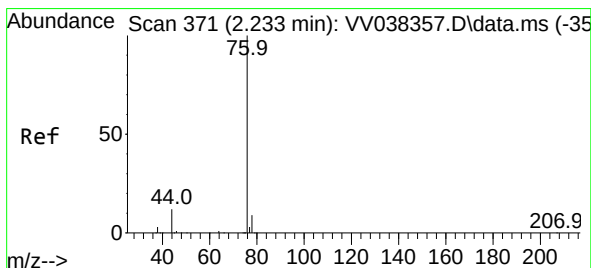
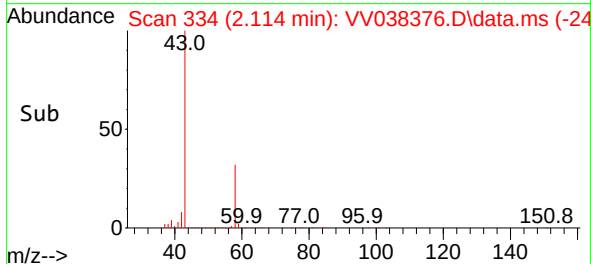
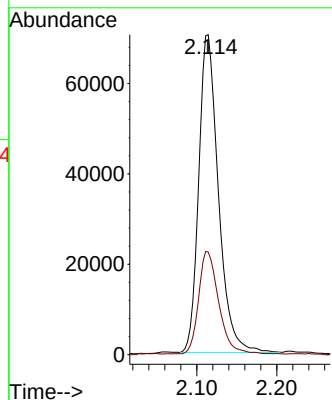
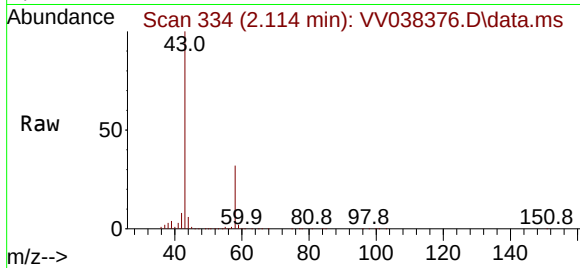
ClientSampleId :

Tgt Ion: 43 Resp: 120338

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.2



#14

Carbon disulfide

Concen: 3.984 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038376.D

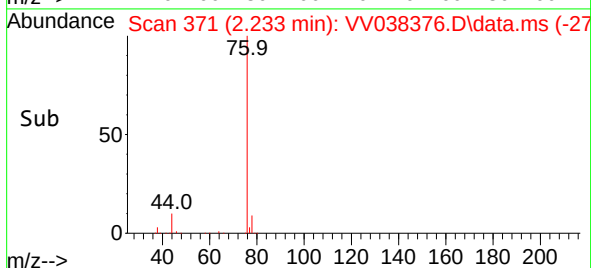
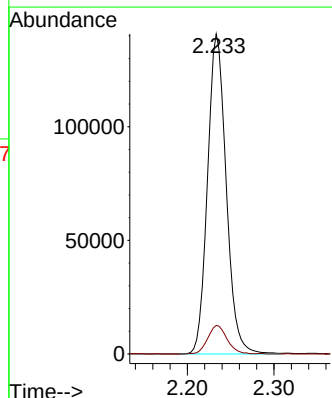
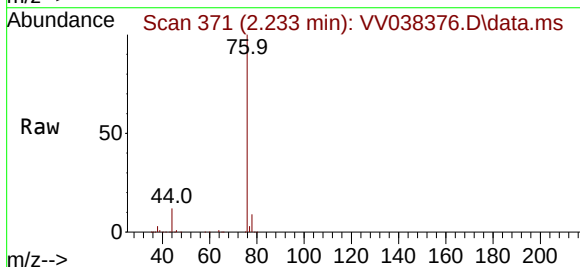
Acq: 26 Nov 2024 19:55

Tgt Ion: 76 Resp: 210913

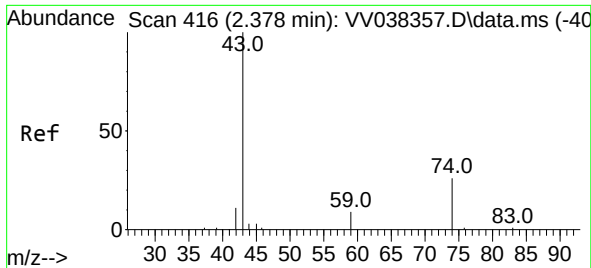
Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



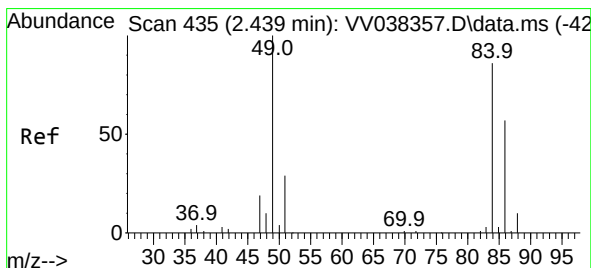
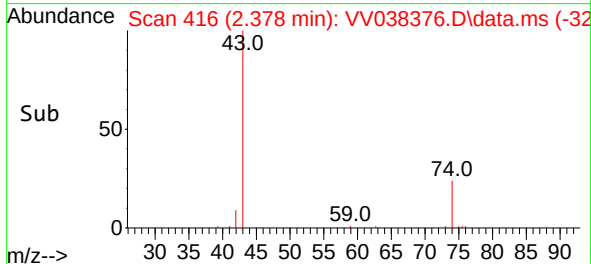
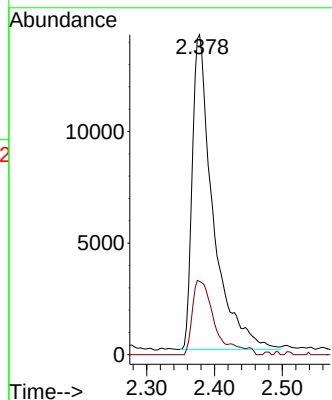
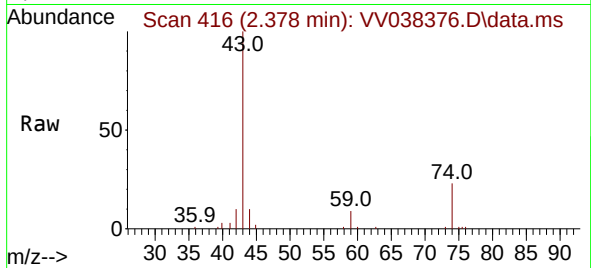




#15  
Methyl Acetate  
Concen: 4.734 ug/L  
RT: 2.378 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

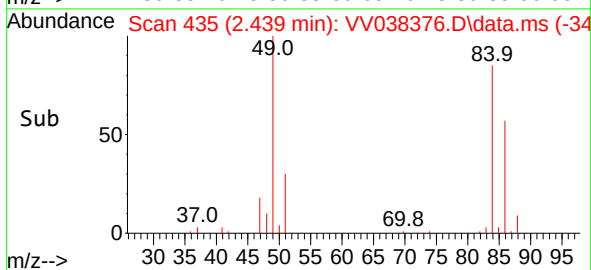
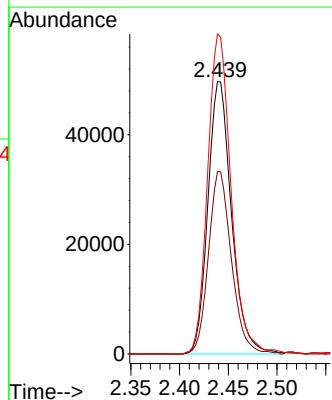
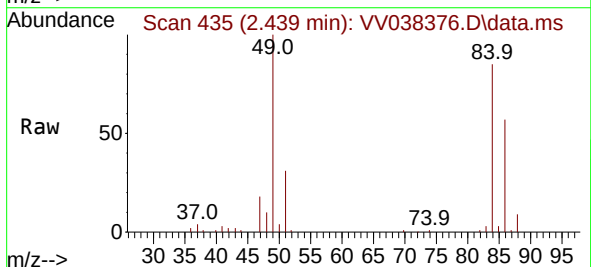
Instrument :  
MSVOA\_V  
ClientSampleId :

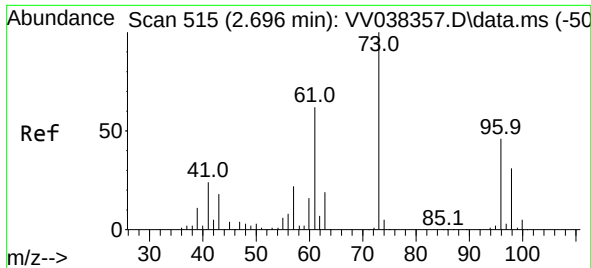
Tgt Ion: 43 Resp: 29995  
Ion Ratio Lower Upper  
43 100  
74 22.7 22.4 33.6



#16  
Methylene chloride  
Concen: 4.470 ug/L  
RT: 2.439 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 84 Resp: 83763  
Ion Ratio Lower Upper  
84 100  
86 67.0 44.2 82.2  
49 117.5 74.9 139.1

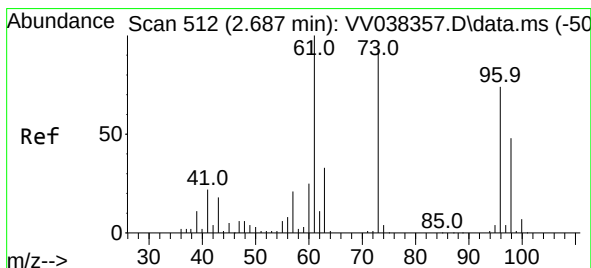
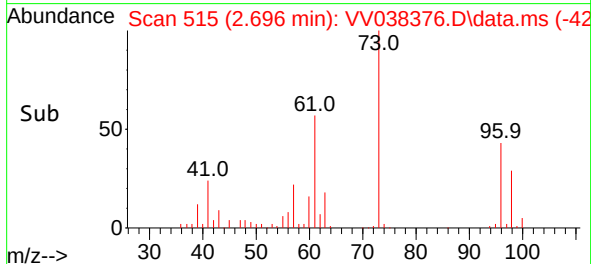
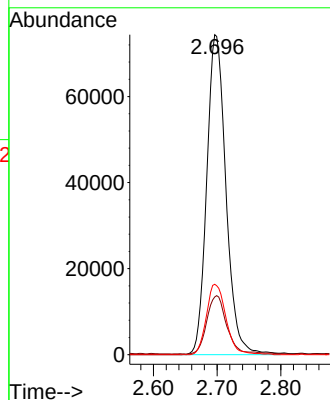
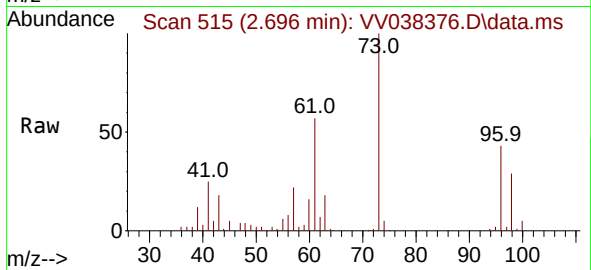




#17  
Methyl tert-butyl Ether  
Concen: 4.199 ug/L  
RT: 2.696 min Scan# 515  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

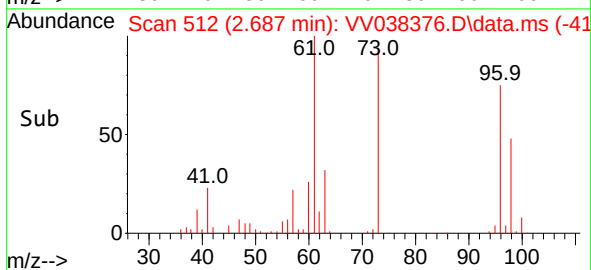
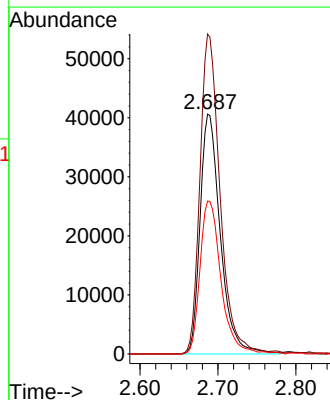
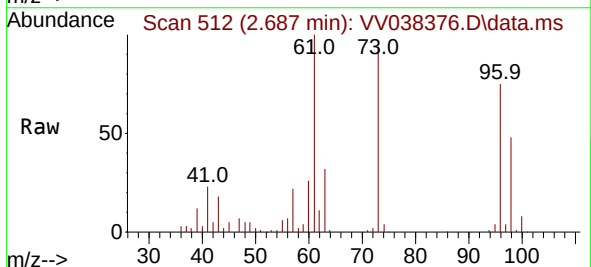
Instrument :  
MSVOA\_V  
ClientSampleId :

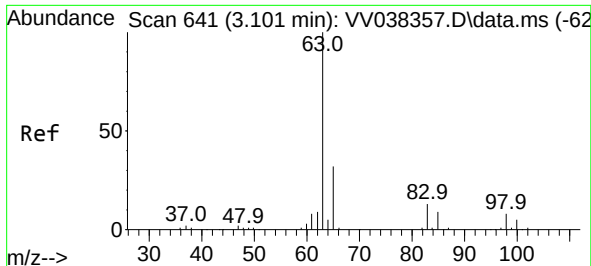
Tgt Ion: 73 Resp: 156017  
Ion Ratio Lower Upper  
73 100  
43 18.9 14.2 21.2  
57 22.4 17.6 26.4



#18  
trans-1,2-Dichloroethene  
Concen: 4.230 ug/L  
RT: 2.687 min Scan# 512  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 96 Resp: 73239  
Ion Ratio Lower Upper  
96 100  
61 133.4 88.5 164.4  
98 63.8 43.9 81.5

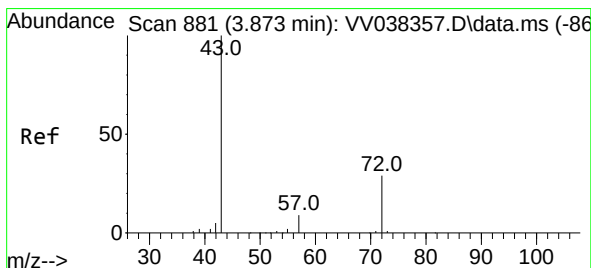
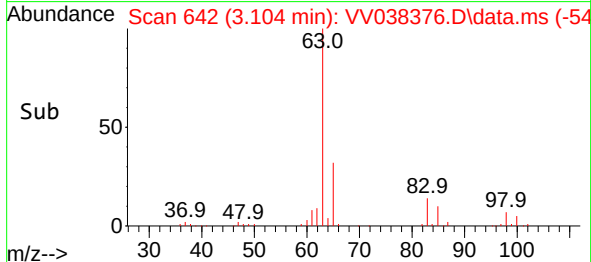
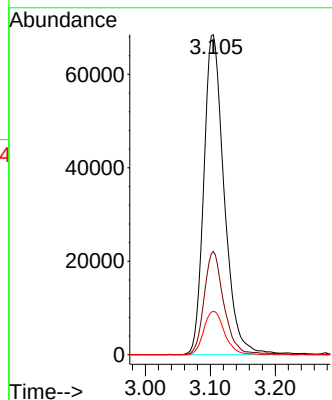
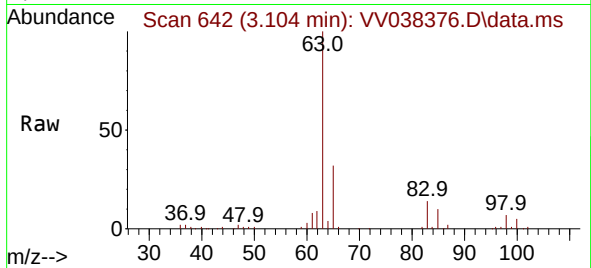




#19  
1,1-Dichloroethane  
Concen: 4.748 ug/L  
RT: 3.104 min Scan# 641  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

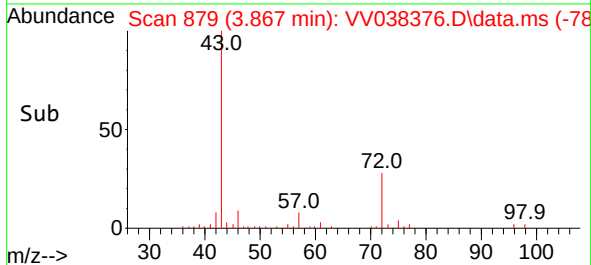
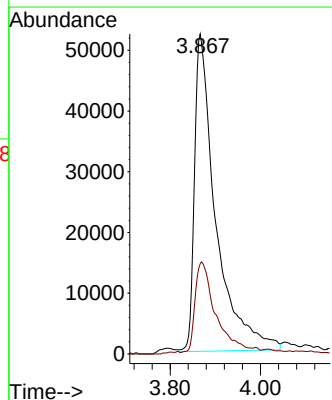
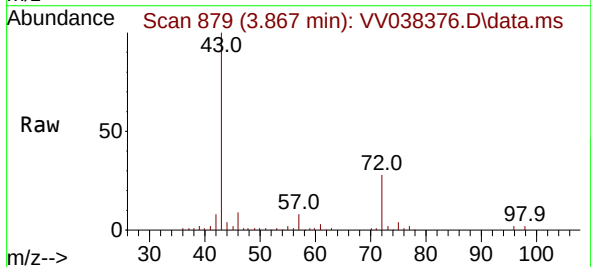
Instrument :  
MSVOA\_V  
ClientSampleId :

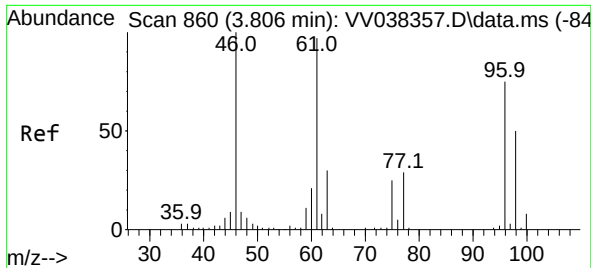
Tgt Ion: 63 Resp: 149222  
Ion Ratio Lower Upper  
63 100  
65 32.2 22.5 41.7  
83 13.6 10.1 18.9



#21  
2-Butanone  
Concen: 45.522 ug/L  
RT: 3.867 min Scan# 879  
Delta R.T. -0.007 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 43 Resp: 170475  
Ion Ratio Lower Upper  
43 100  
72 27.3 13.0 39.0

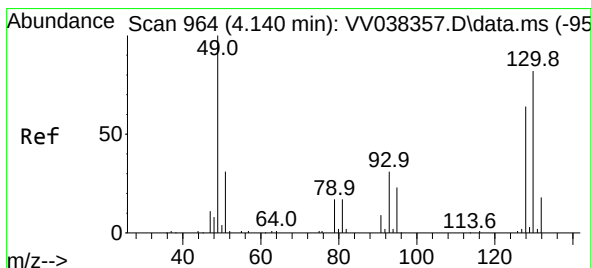
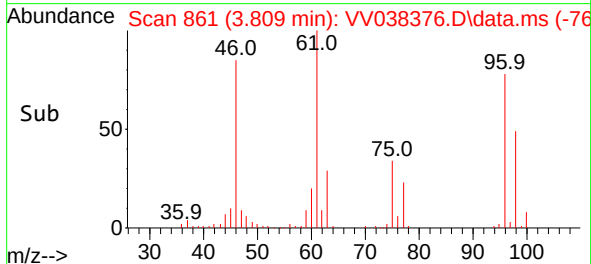
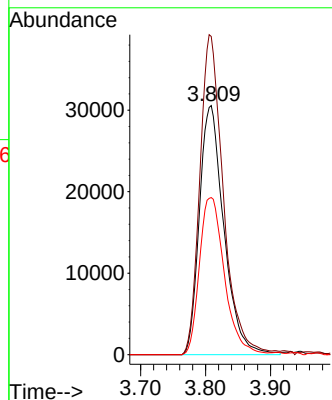
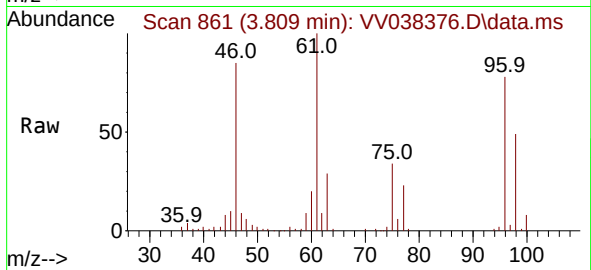




#22  
 cis-1,2-Dichloroethene  
 Concen: 4.484 ug/L  
 RT: 3.809 min Scan# 861  
 Delta R.T. 0.003 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

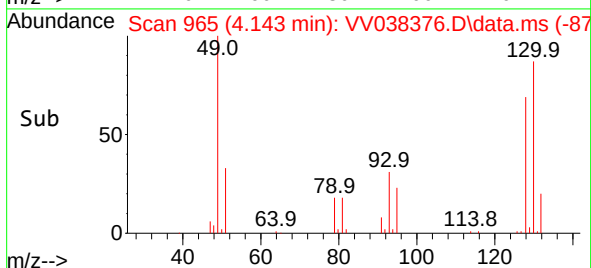
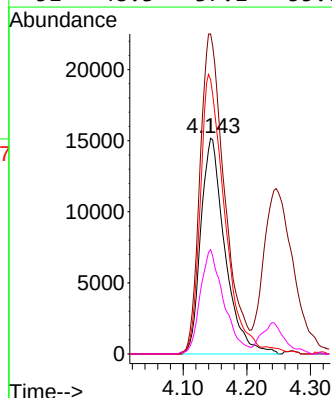
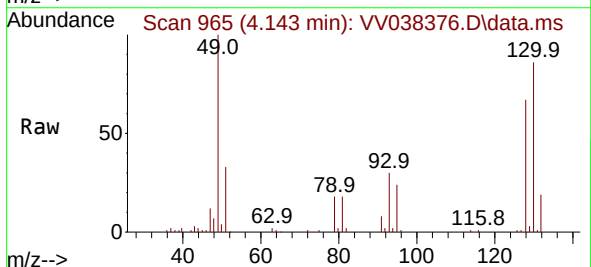
Instrument :  
 MSVOA\_V  
 ClientSampleId :

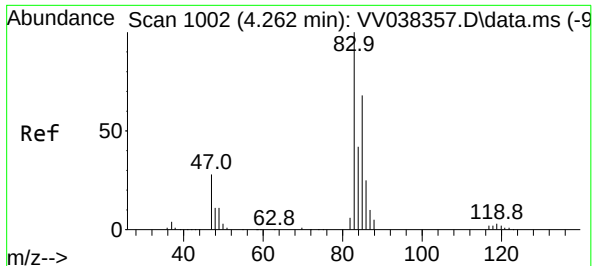
Tgt Ion: 96 Resp: 80262  
 Ion Ratio Lower Upper  
 96 100  
 61 127.8 82.7 153.5  
 98 63.1 46.3 85.9



#23  
 Bromochloromethane  
 Concen: 4.565 ug/L  
 RT: 4.143 min Scan# 965  
 Delta R.T. 0.003 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

Tgt Ion:128 Resp: 39896  
 Ion Ratio Lower Upper  
 128 100  
 49 148.3 102.8 190.8  
 130 127.1 93.6 173.8  
 51 48.3 37.1 55.7

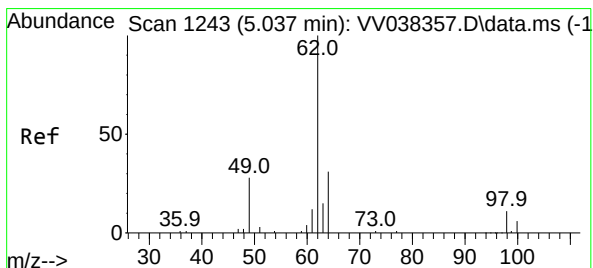
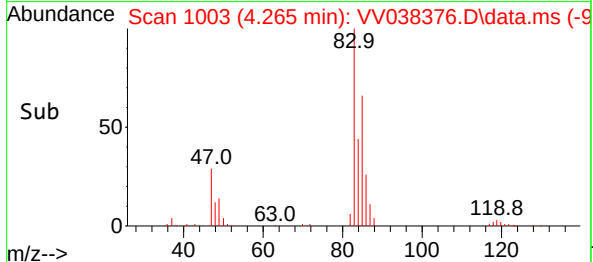
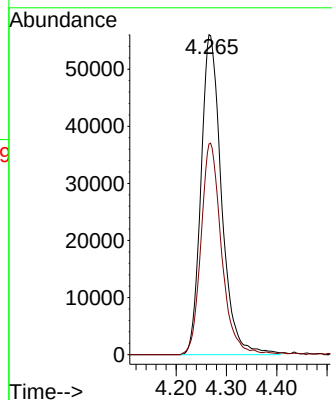
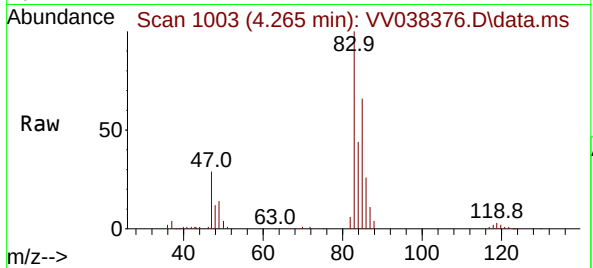




#25  
Chloroform  
Concen: 4.725 ug/L  
RT: 4.265 min Scan# 1002  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

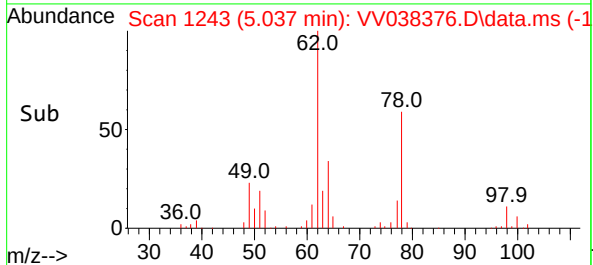
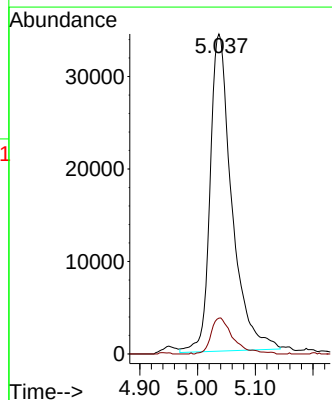
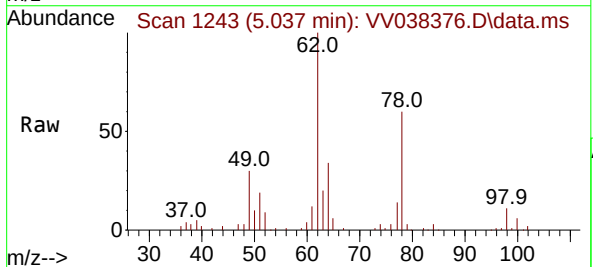
Instrument :  
MSVOA\_V  
ClientSampleId :

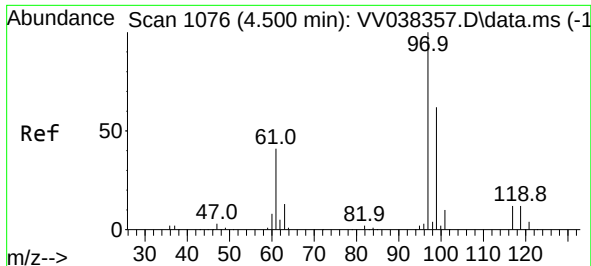
Tgt Ion: 83 Resp: 158864  
Ion Ratio Lower Upper  
83 100  
85 65.8 46.5 86.3



#27  
1,2-Dichloroethane  
Concen: 4.897 ug/L  
RT: 5.037 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 62 Resp: 89586  
Ion Ratio Lower Upper  
62 100  
98 11.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.607 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

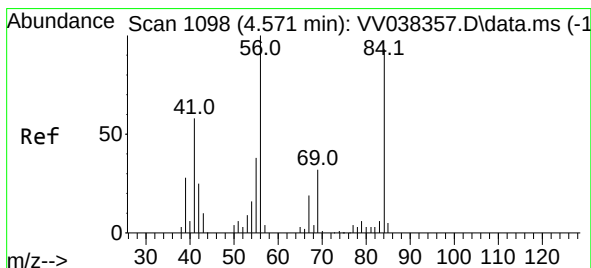
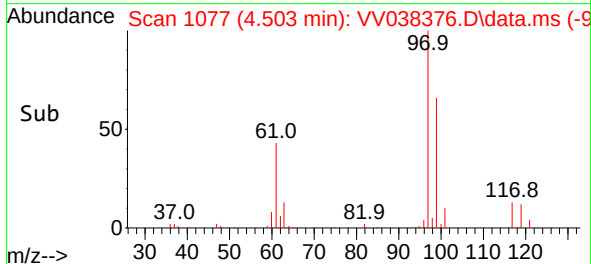
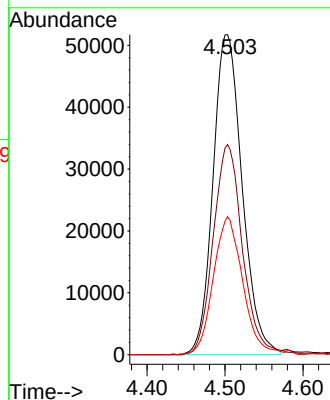
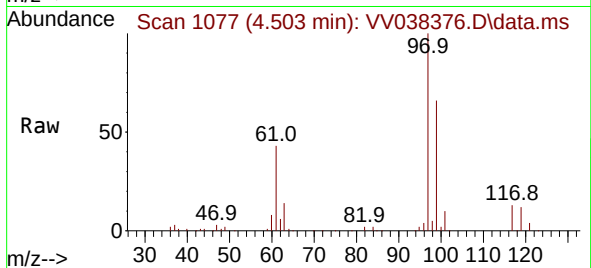
Tgt Ion: 97 Resp: 134687

Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.8

61 43.3 32.2 48.2



#30

Cyclohexane

Concen: 3.965 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

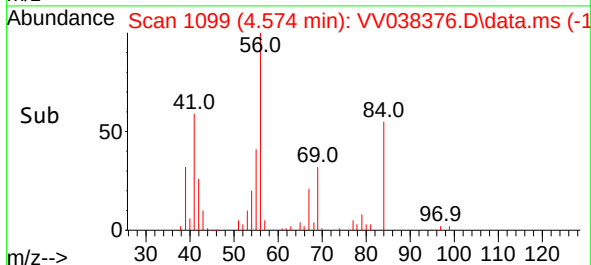
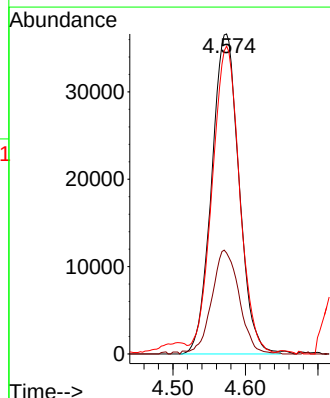
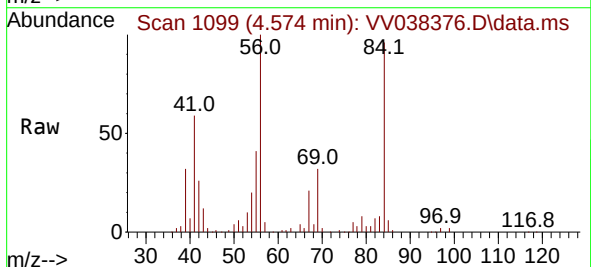
Tgt Ion: 56 Resp: 96136

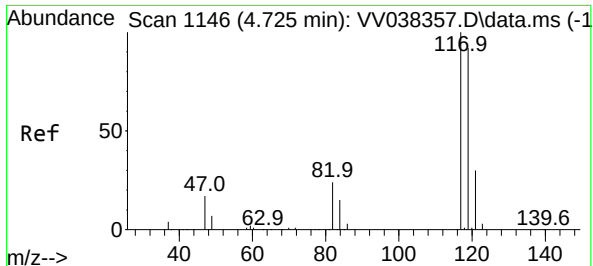
Ion Ratio Lower Upper

56 100

69 32.6 26.0 39.0

84 95.0 75.6 113.4

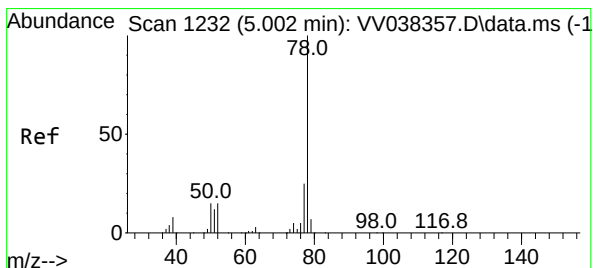
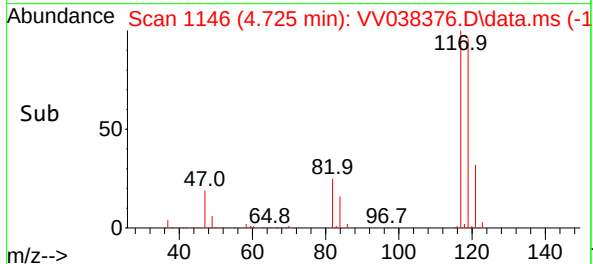
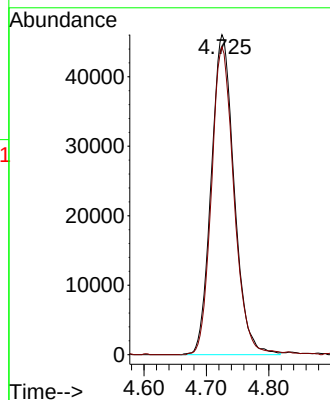
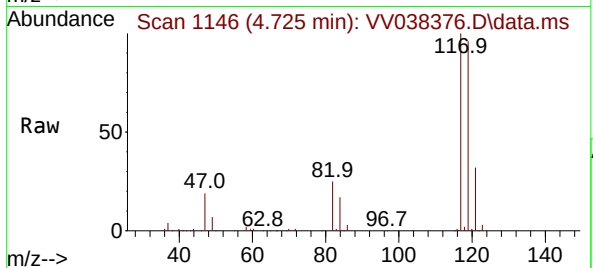




#31  
Carbon tetrachloride  
Concen: 4.572 ug/L  
RT: 4.725 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

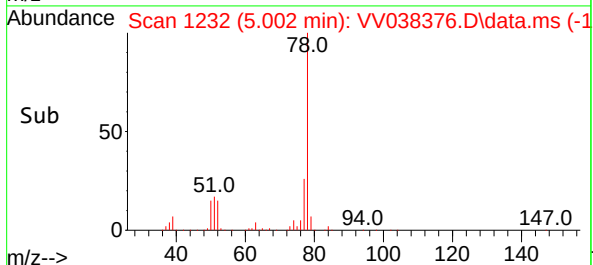
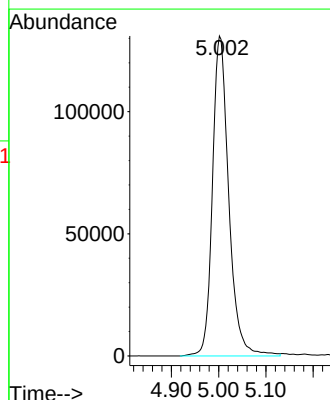
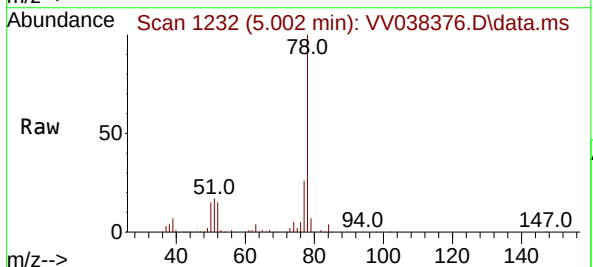
Instrument :  
MSVOA\_V  
ClientSampleId :

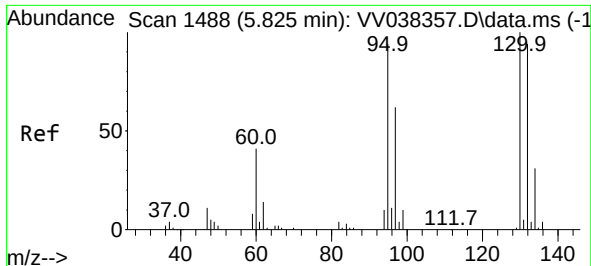
Tgt Ion:117 Resp: 117915  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.4 116.2



#33  
Benzene  
Concen: 4.597 ug/L  
RT: 5.002 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 78 Resp: 314751

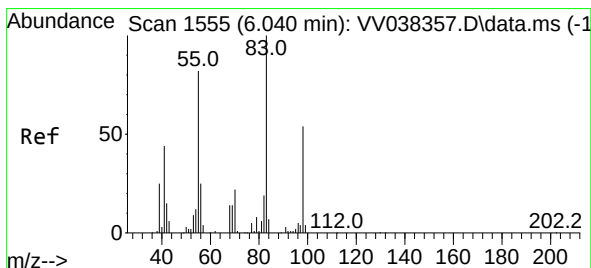
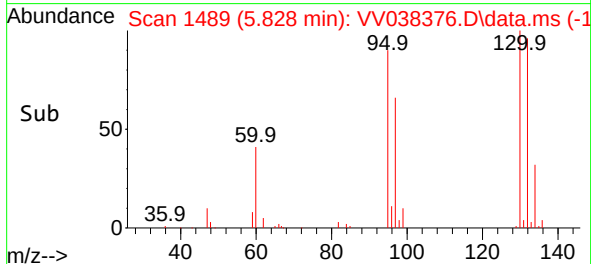
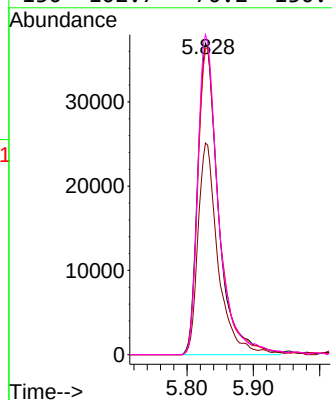
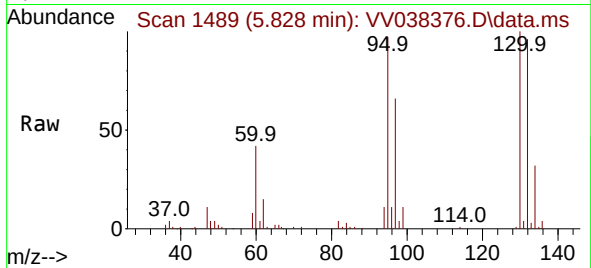




#34  
Trichloroethene  
Concen: 4.320 ug/L  
RT: 5.828 min Scan# 1489  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

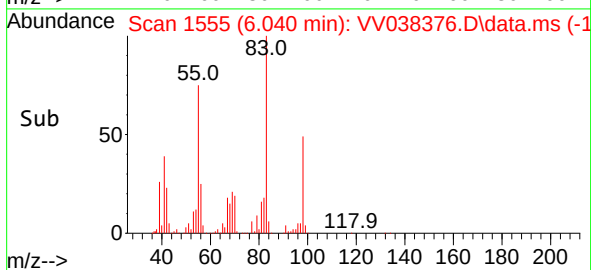
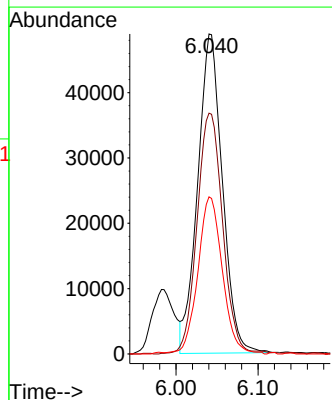
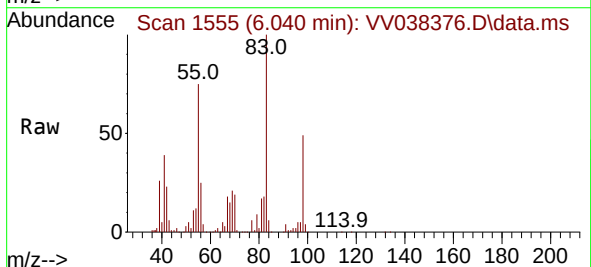
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 95 Resp: 80642  
Ion Ratio Lower Upper  
95 100  
97 68.0 44.8 83.2  
132 98.2 68.3 126.8  
130 102.7 70.2 130.4

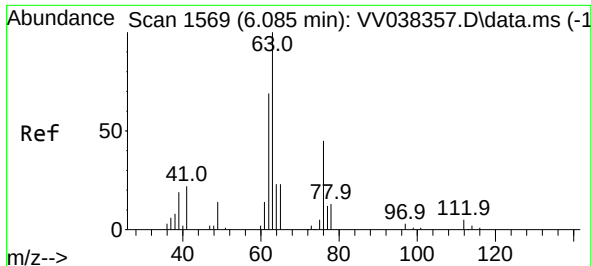


#35  
Methylcyclohexane  
Concen: 3.870 ug/L  
RT: 6.040 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 83 Resp: 102189  
Ion Ratio Lower Upper  
83 100  
55 78.5 59.7 89.5  
98 48.8 39.0 58.4







#37

1,2-Dichloropropane

Concen: 4.695 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

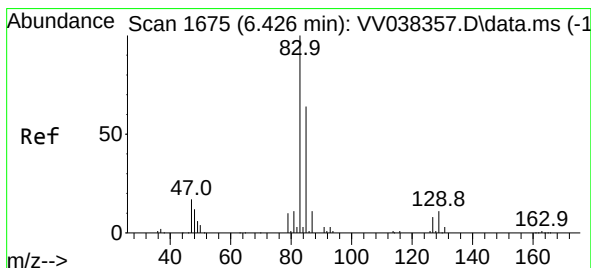
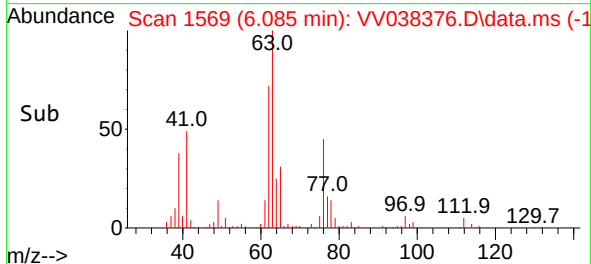
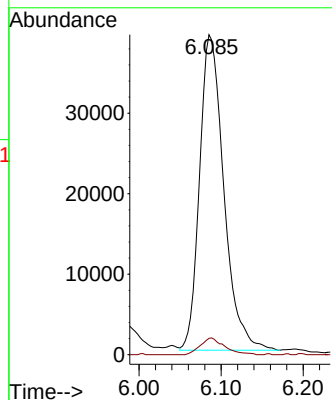
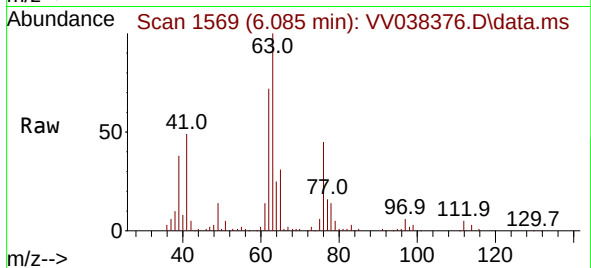
ClientSampleId :

Tgt Ion: 63 Resp: 80528

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 4.689 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

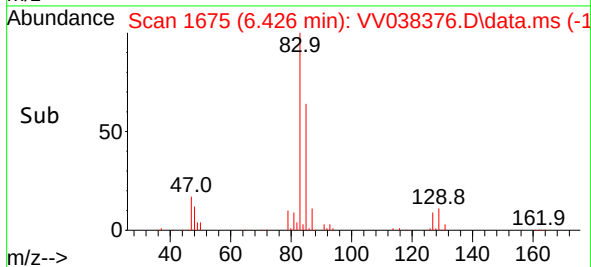
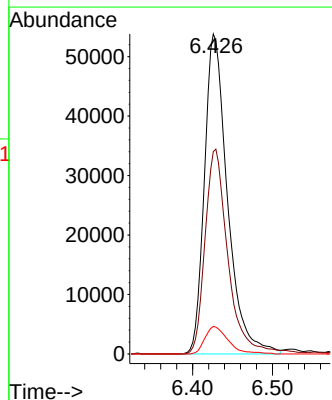
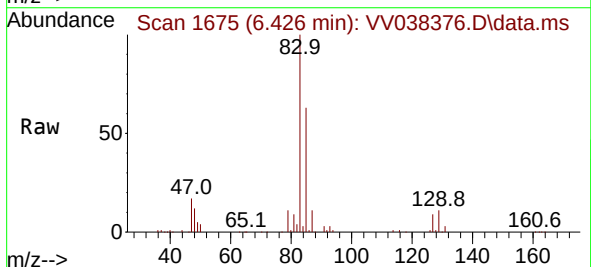
Tgt Ion: 83 Resp: 108097

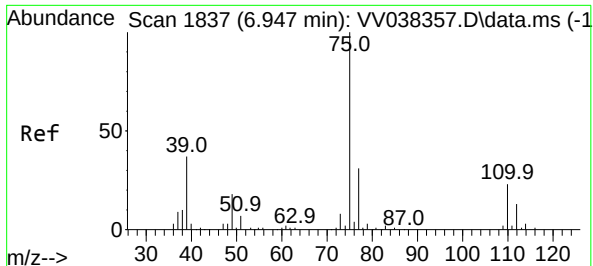
Ion Ratio Lower Upper

83 100

85 63.2 43.9 81.5

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.225 ug/L

RT: 6.950 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

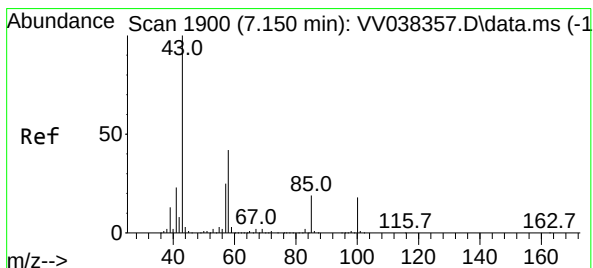
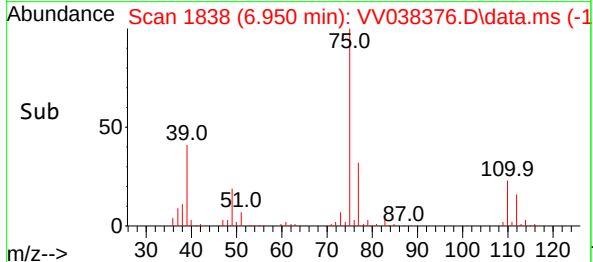
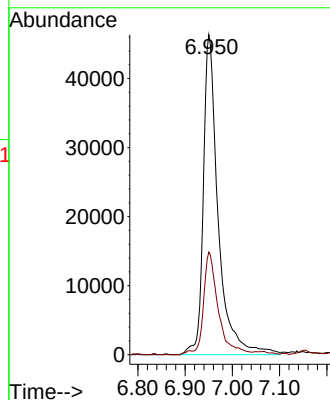
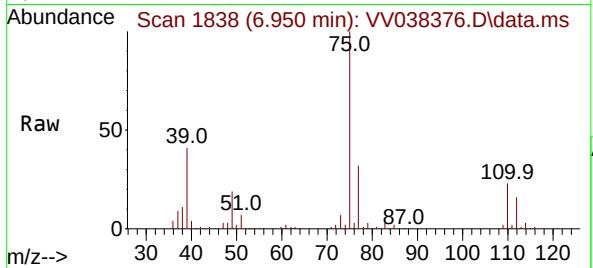
ClientSampleId :

Tgt Ion: 75 Resp: 101147

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 48.906 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

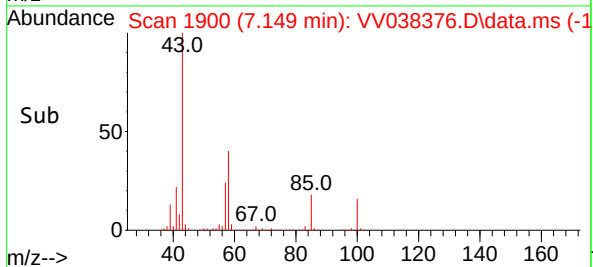
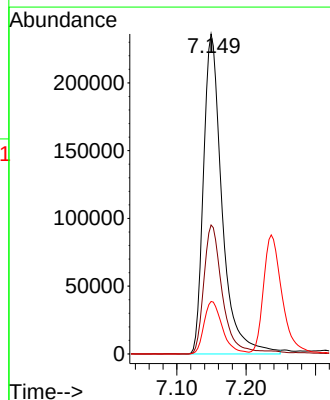
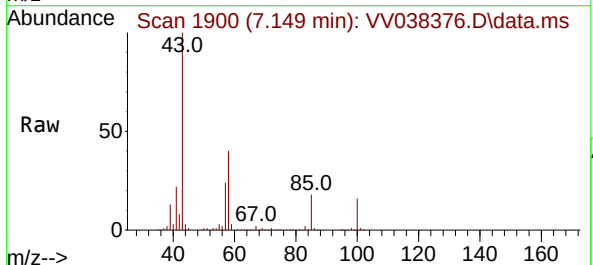
Tgt Ion: 43 Resp: 439013

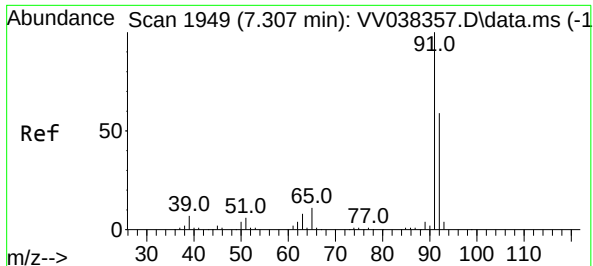
Ion Ratio Lower Upper

43 100

58 41.1 33.4 50.2

100 16.3 14.3 21.5





#42

Toluene

Concen: 4.726 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

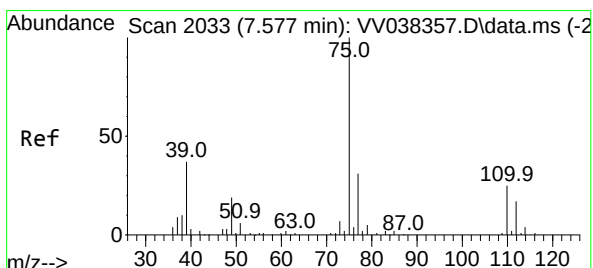
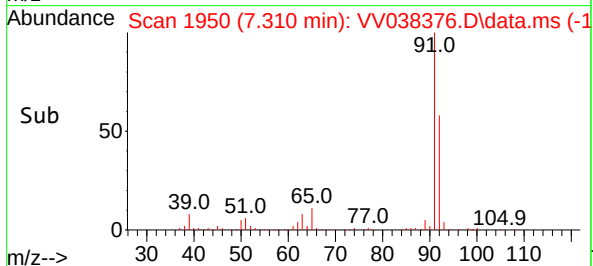
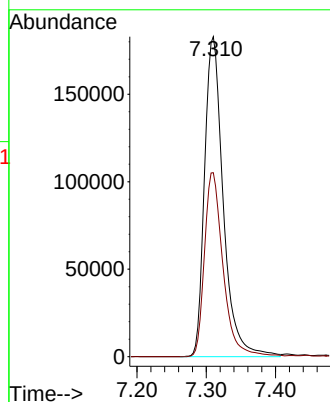
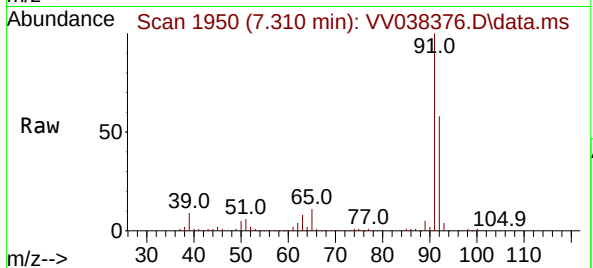
ClientSampleId :

Tgt Ion: 91 Resp: 342694

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.455 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038376.D

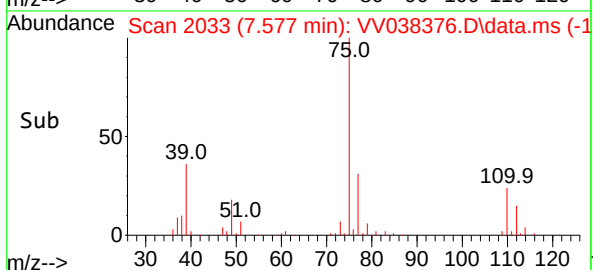
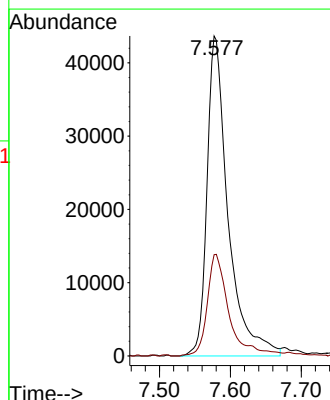
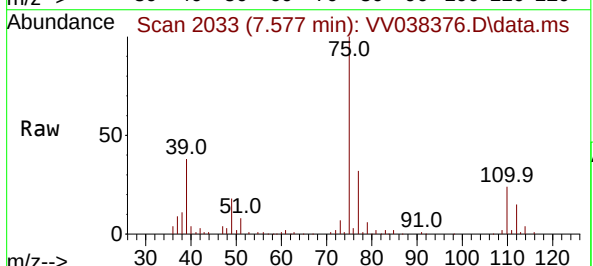
Acq: 26 Nov 2024 19:55

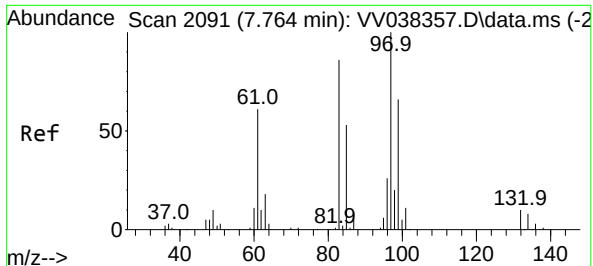
Tgt Ion: 75 Resp: 90105

Ion Ratio Lower Upper

75 100

77 31.6 23.4 43.4

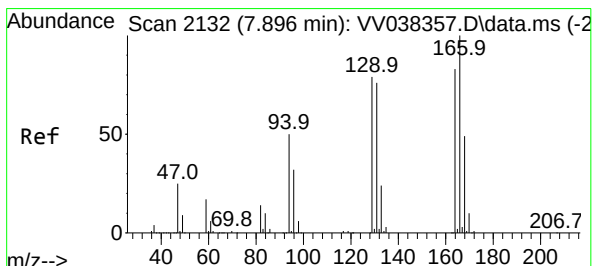
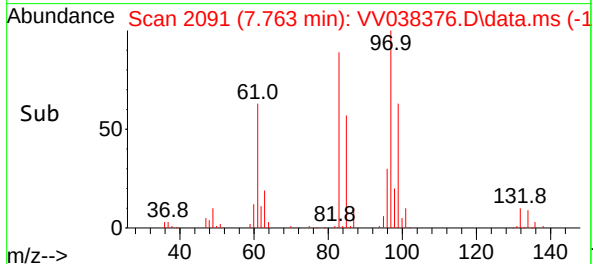
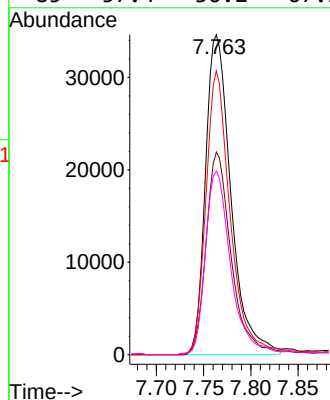
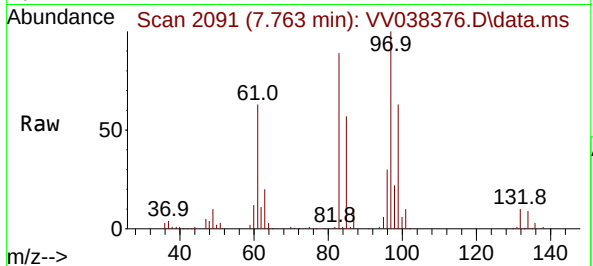




#45  
1,1,2-Trichloroethane  
Concen: 4.673 ug/L  
RT: 7.763 min Scan# 2091  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

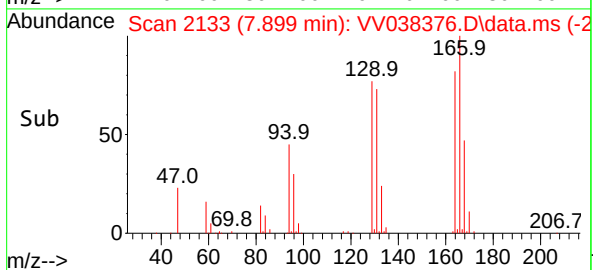
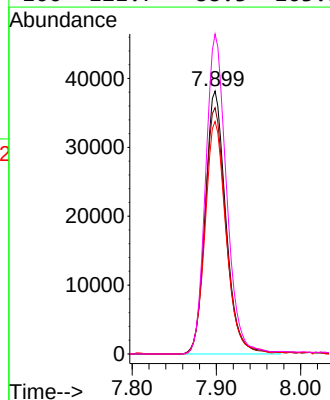
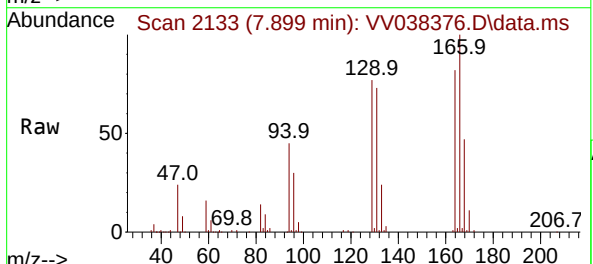
Instrument :  
MSVOA\_V  
ClientSampleId :

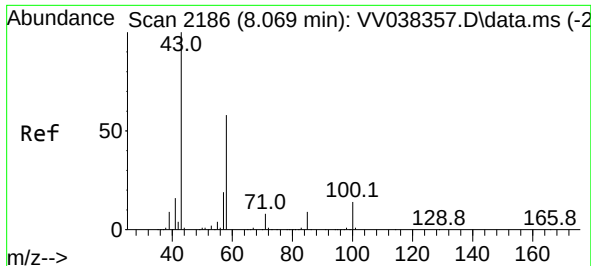
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 64998 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.3  | 41.9  | 77.7  |
| 83       | 88.7  | 57.7  | 107.1 |
| 85       | 57.4  | 36.2  | 67.2  |



#47  
Tetrachloroethene  
Concen: 4.346 ug/L  
RT: 7.899 min Scan# 2133  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 65187 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 93.6  | 68.5  | 127.1 |
| 131      | 88.4  | 64.8  | 120.4 |
| 166      | 121.7 | 88.3  | 163.9 |

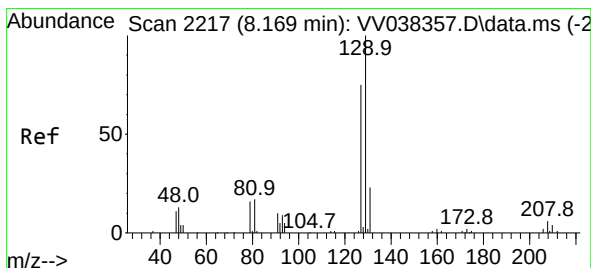
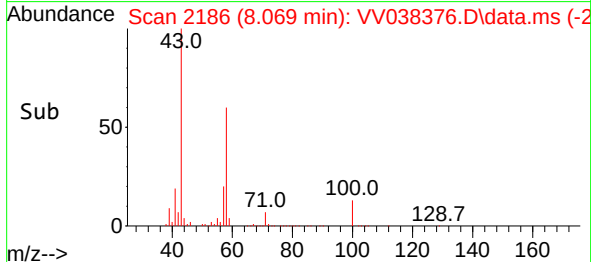
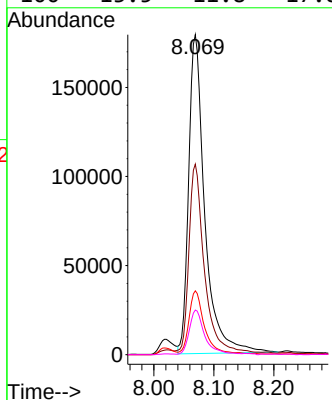
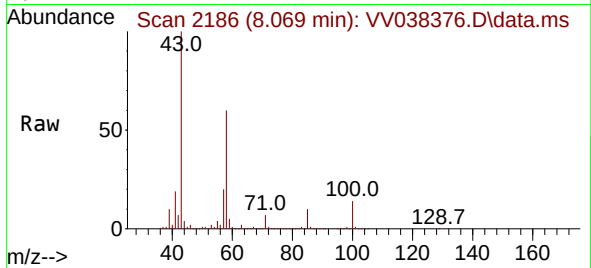




#48  
2-Hexanone  
Concen: 51.336 ug/L  
RT: 8.069 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

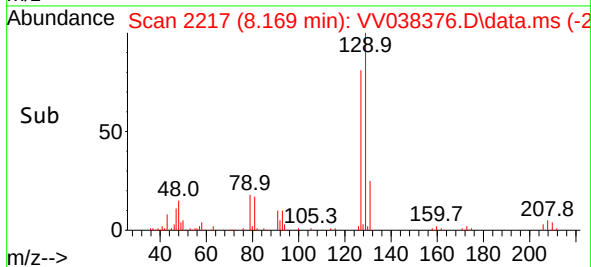
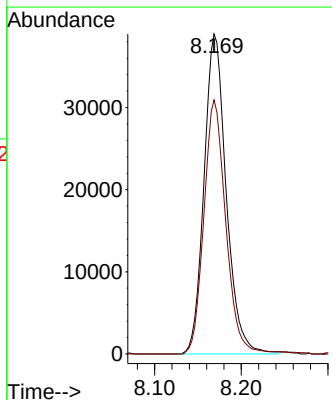
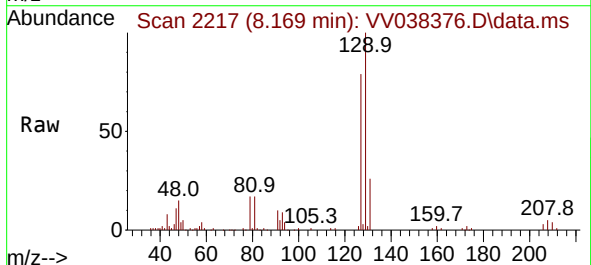
Instrument :  
MSVOA\_V  
ClientSampleId :

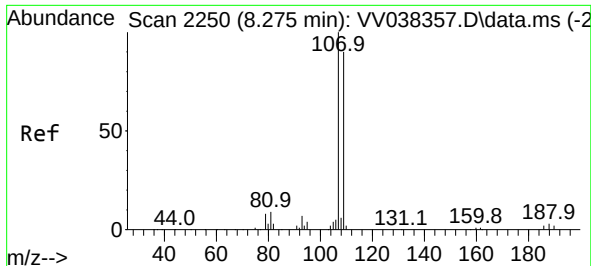
Tgt Ion: 43 Resp: 334177  
Ion Ratio Lower Upper  
43 100  
58 56.7 49.2 73.8  
57 18.7 16.9 25.3  
100 13.5 11.8 17.8



#49  
Dibromochloromethane  
Concen: 4.575 ug/L  
RT: 8.169 min Scan# 2217  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 129 Resp: 69374  
Ion Ratio Lower Upper  
129 100  
127 79.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.603 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038376.D

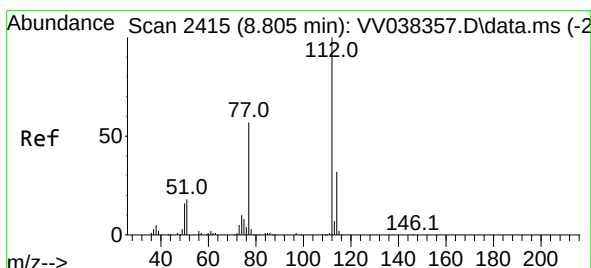
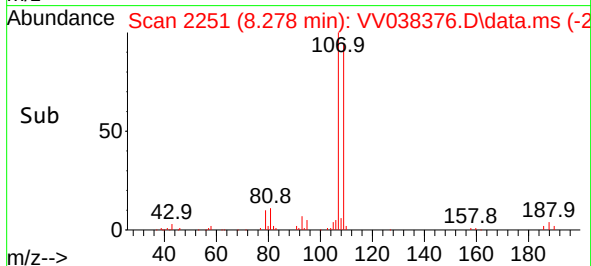
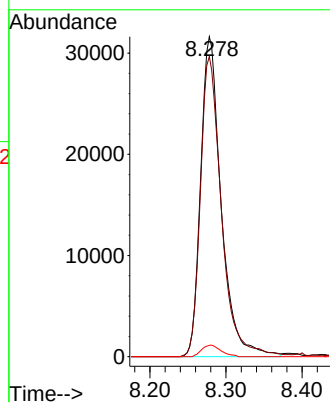
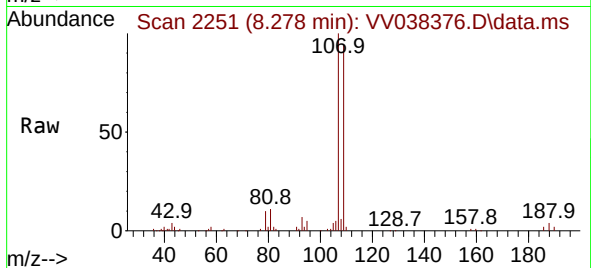
Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 59355 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 93.8  | 66.1  | 122.7 |
| 188      | 3.6   | 2.6   | 3.8   |



#51

Chlorobenzene

Concen: 4.449 ug/L

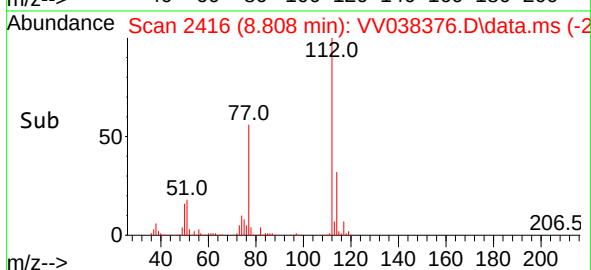
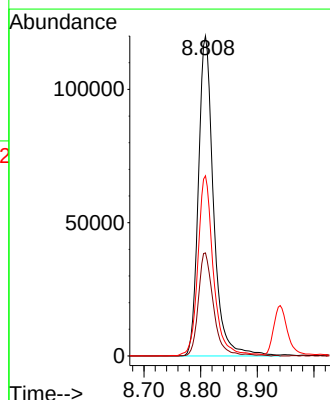
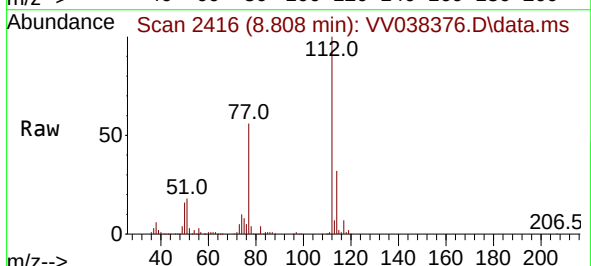
RT: 8.808 min Scan# 2416

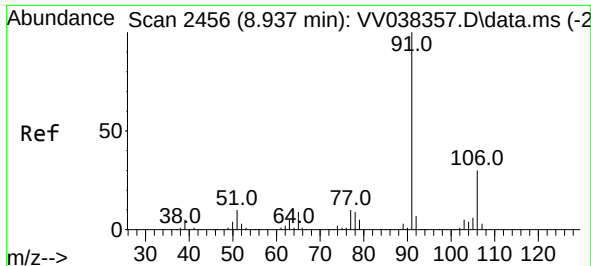
Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 222280 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.2  | 22.0  | 40.8   |
| 77       | 56.3  | 45.0  | 67.4   |

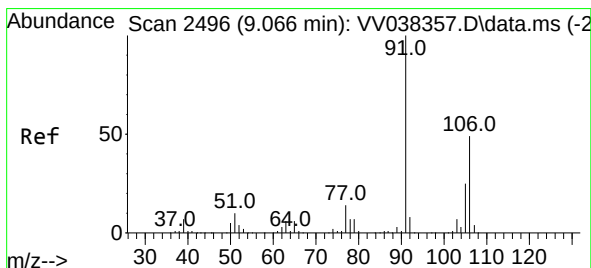
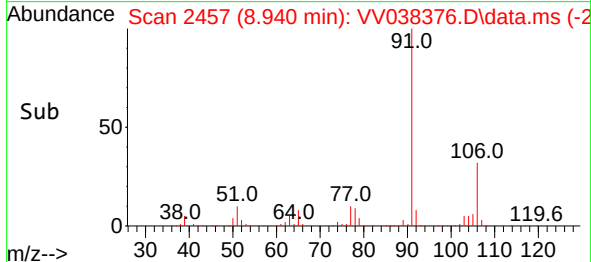
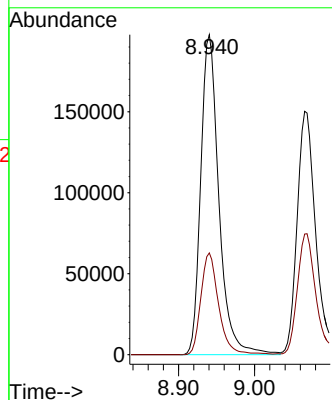
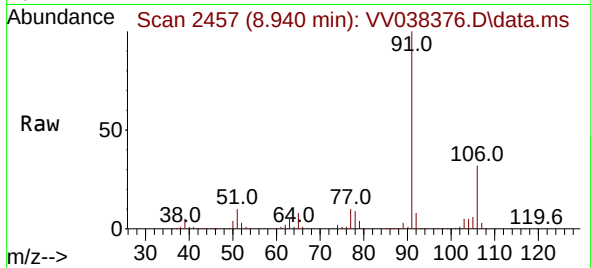




#52  
Ethylbenzene  
Concen: 4.257 ug/L  
RT: 8.940 min Scan# 2456  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

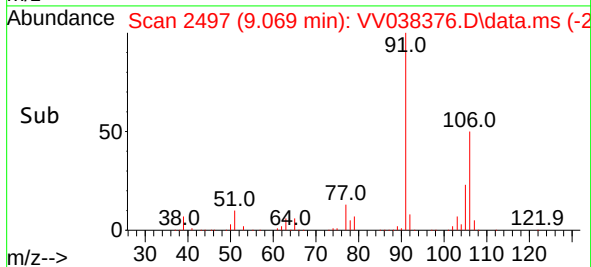
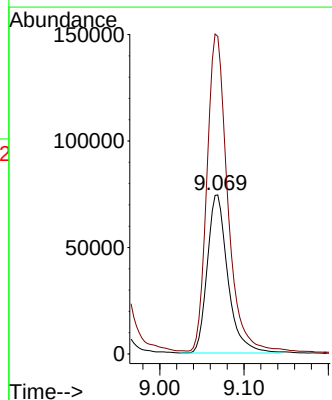
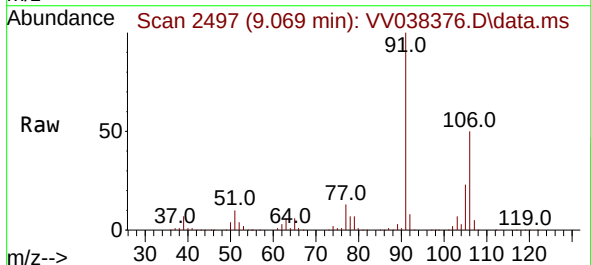
Instrument :  
MSVOA\_V  
ClientSampleId :

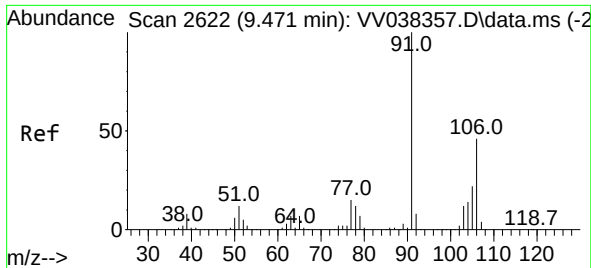
Tgt Ion: 91 Resp: 327486  
Ion Ratio Lower Upper  
91 100  
106 31.8 21.8 40.4



#53  
m,p-Xylene  
Concen: 4.350 ug/L  
RT: 9.069 min Scan# 2497  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion: 106 Resp: 126284  
Ion Ratio Lower Upper  
106 100  
91 199.7 138.7 257.5

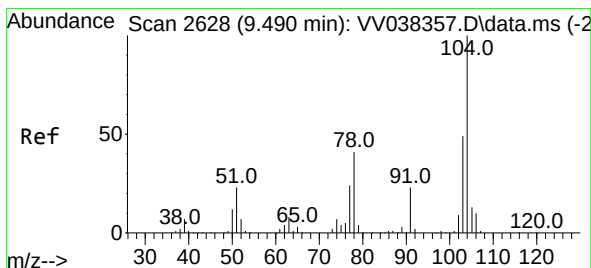
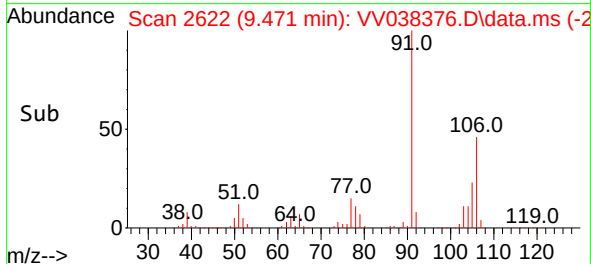
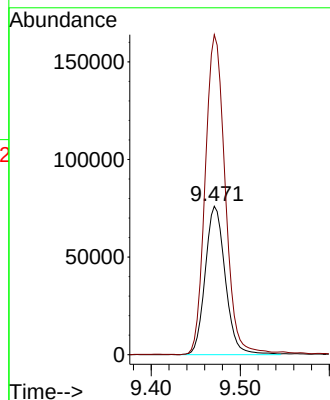
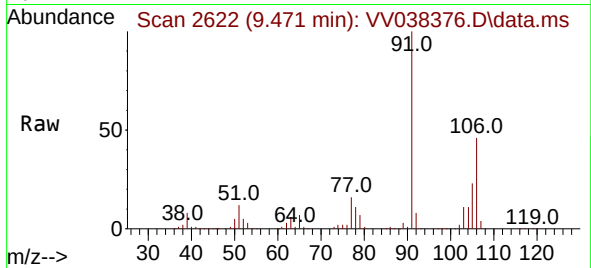




#54  
o-Xylene  
Concen: 4.221 ug/L  
RT: 9.471 min Scan# 2622  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

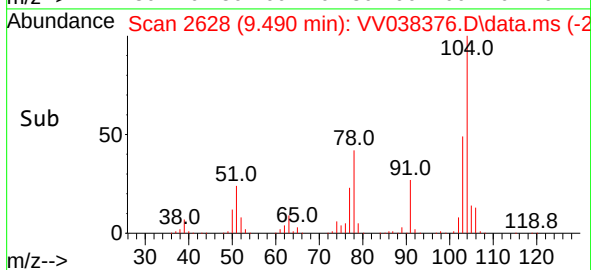
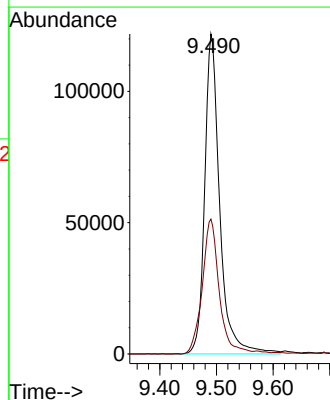
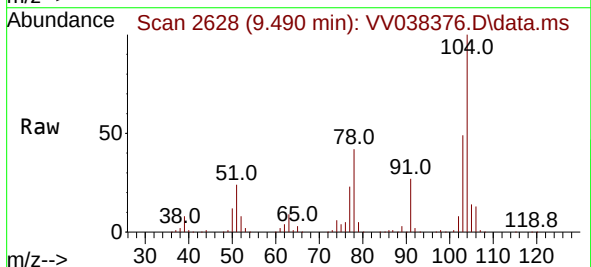
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:106 Resp: 119306  
Ion Ratio Lower Upper  
106 100  
91 215.6 155.5 288.7

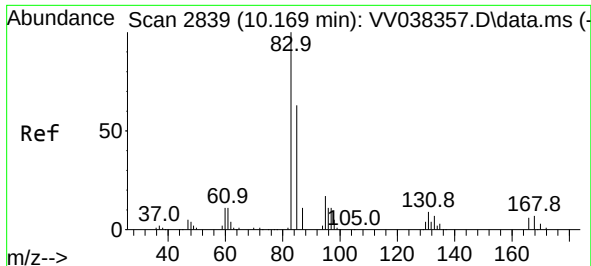


#55  
Styrene  
Concen: 4.500 ug/L  
RT: 9.490 min Scan# 2628  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

Tgt Ion:104 Resp: 224190  
Ion Ratio Lower Upper  
104 100  
78 42.1 29.7 55.1







#57

1,1,2,2-Tetrachloroethane

Concen: 4.827 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038376.D

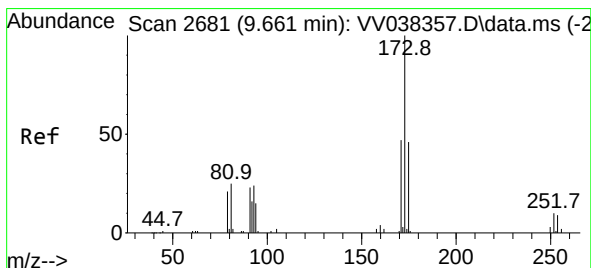
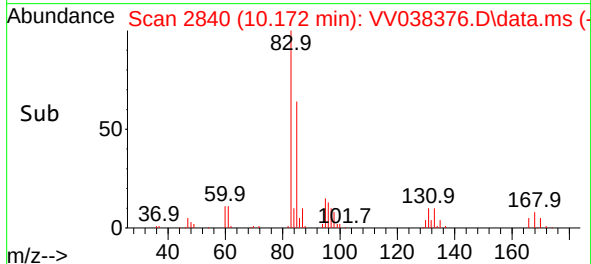
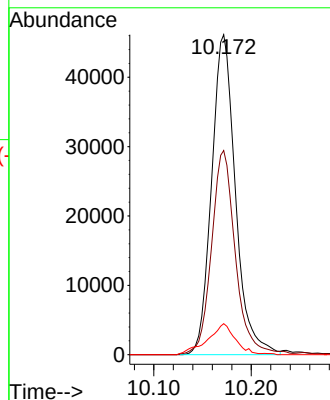
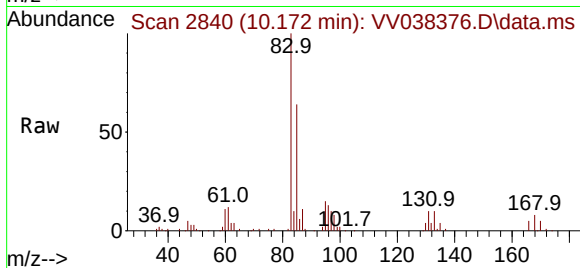
Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 78508 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.8  | 45.7  | 84.9  |
| 131      | 9.7   | 8.2   | 12.4  |



#59

Bromoform

Concen: 4.358 ug/L

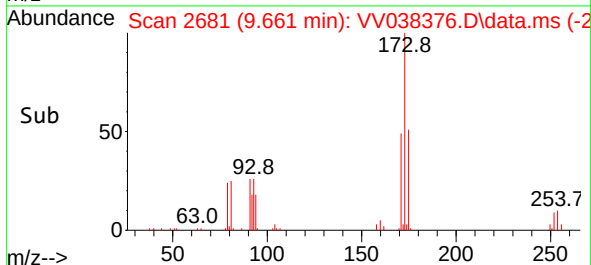
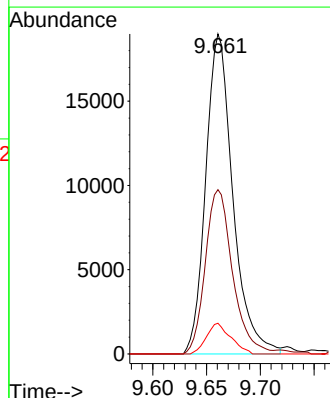
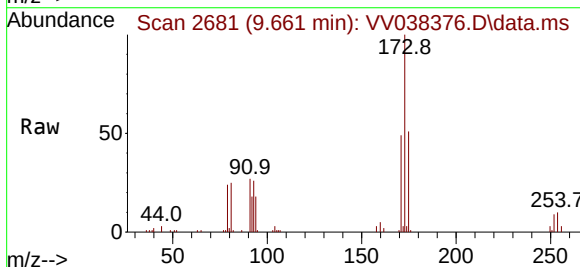
RT: 9.661 min Scan# 2681

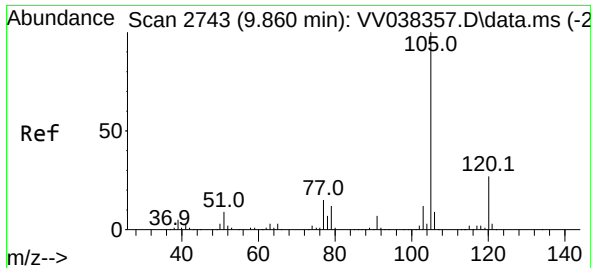
Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

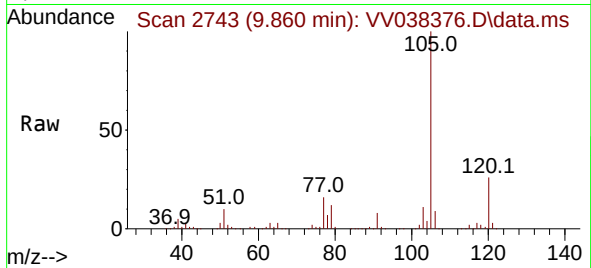
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 33332 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 51.6  | 38.5  | 57.7  |
| 254      | 8.6   | 6.9   | 10.3  |



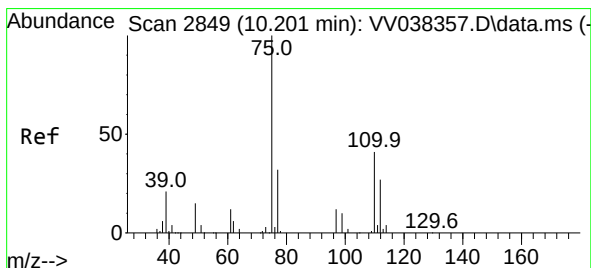
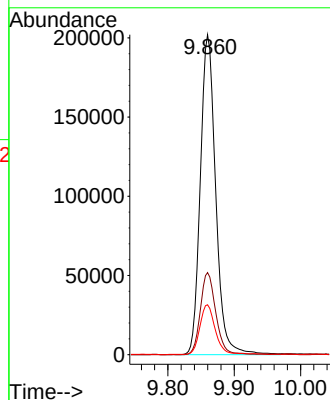
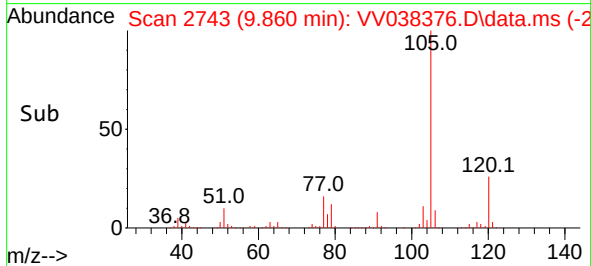


#60  
Isopropylbenzene  
Concen: 4.315 ug/L  
RT: 9.860 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

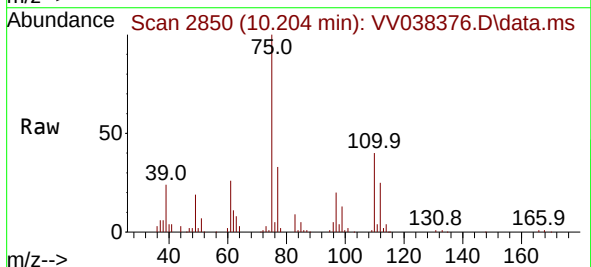
Instrument :  
MSVOA\_V  
ClientSampleId :



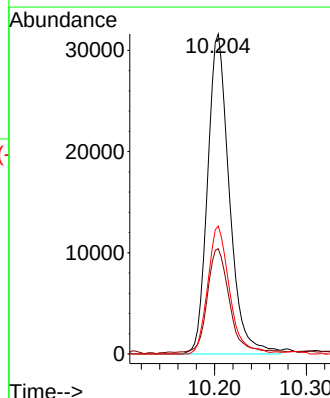
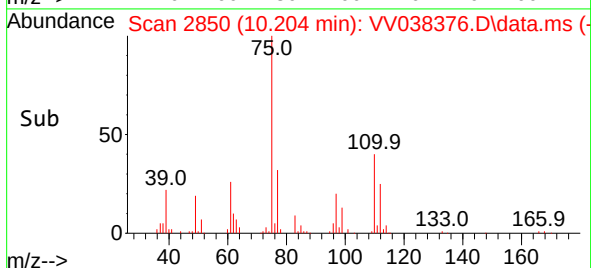
Tgt Ion:105 Resp: 326615  
Ion Ratio Lower Upper  
105 100  
120 25.7 20.8 31.2  
77 15.4 12.2 18.2

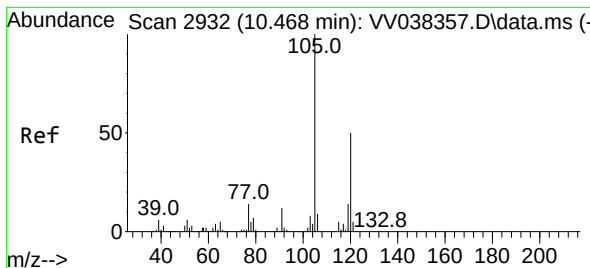


#61  
1,2,3-Trichloropropane  
Concen: 4.634 ug/L  
RT: 10.204 min Scan# 2850  
Delta R.T. 0.003 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55



Tgt Ion: 75 Resp: 52132  
Ion Ratio Lower Upper  
75 100  
77 32.1 26.4 39.6  
110 40.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 3.861 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

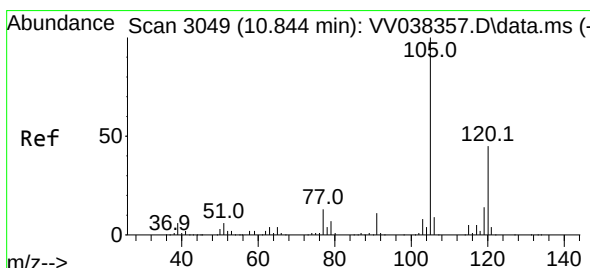
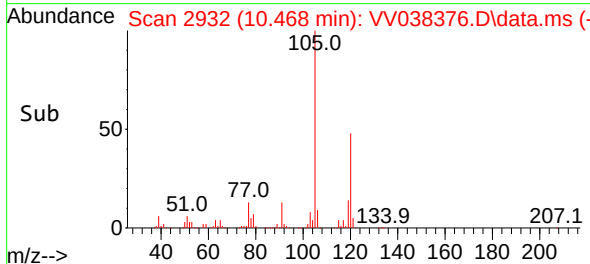
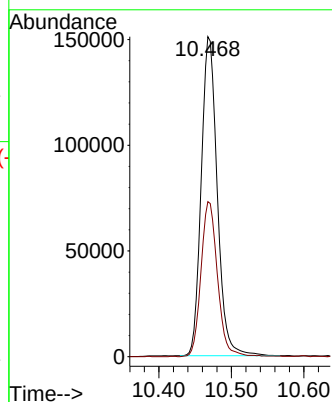
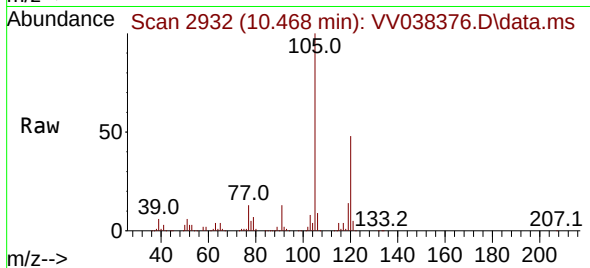
ClientSampleId :

Tgt Ion:105 Resp: 231901

Ion Ratio Lower Upper

105 100

120 50.1 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 3.980 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038376.D

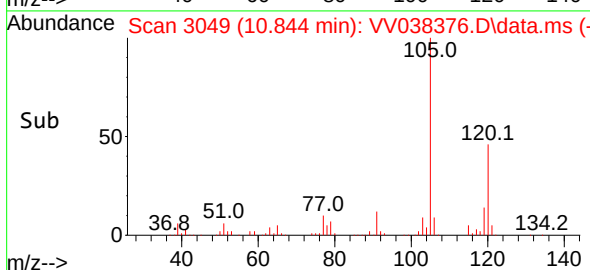
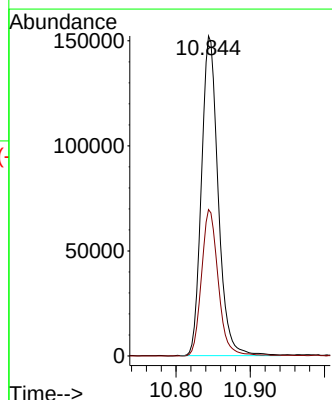
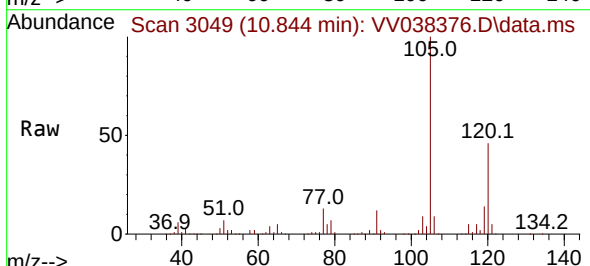
Acq: 26 Nov 2024 19:55

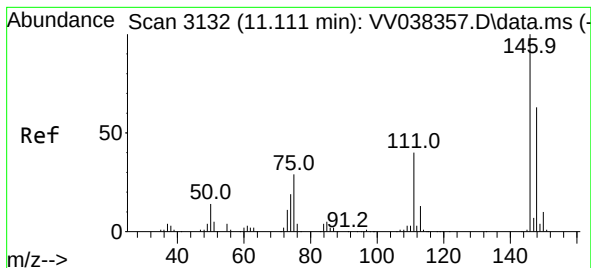
Tgt Ion:105 Resp: 238379

Ion Ratio Lower Upper

105 100

120 46.0 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.258 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

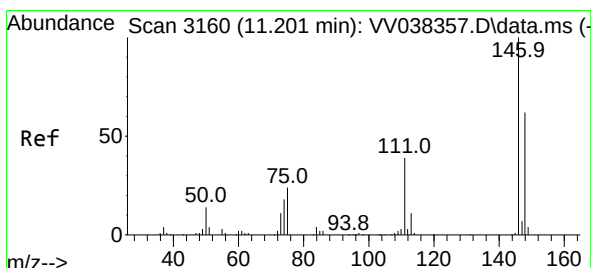
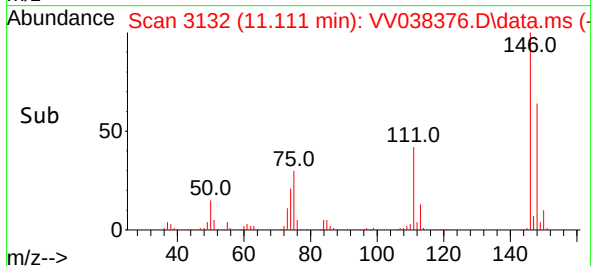
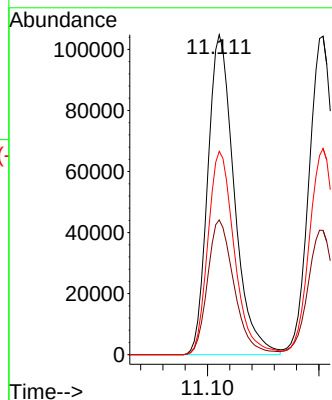
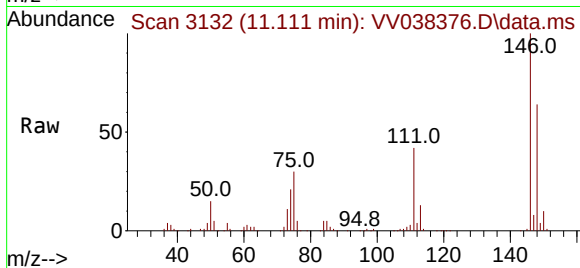
Tgt Ion:146 Resp: 173032

Ion Ratio Lower Upper

146 100

111 42.1 28.2 52.4

148 63.6 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.376 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

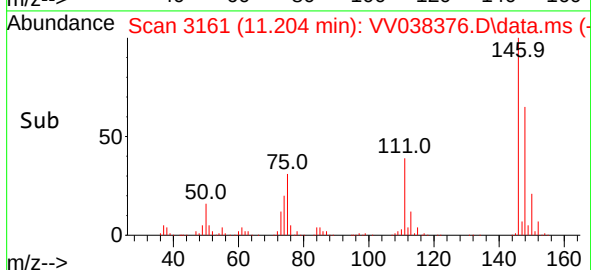
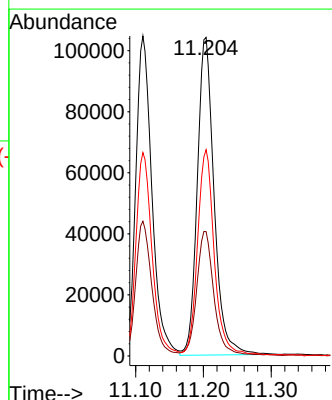
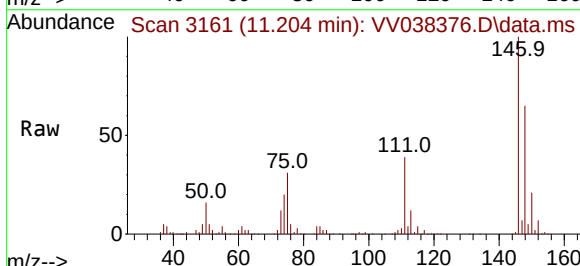
Tgt Ion:146 Resp: 179794

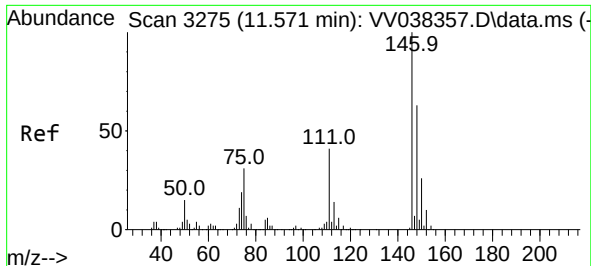
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 64.7 44.4 82.4

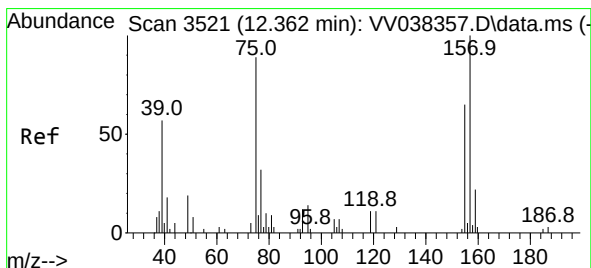
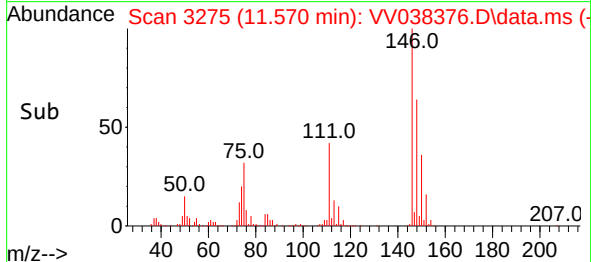
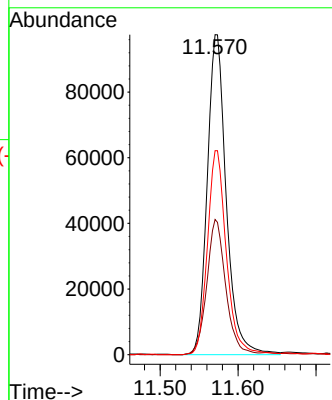
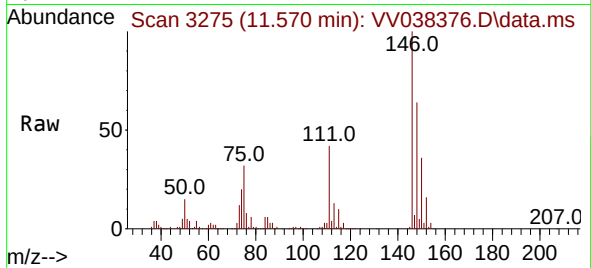




#67  
1,2-Dichlorobenzene  
Concen: 4.385 ug/L  
RT: 11.570 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

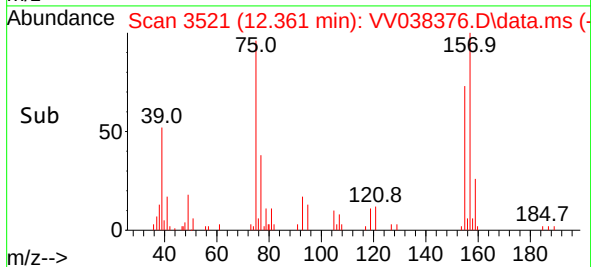
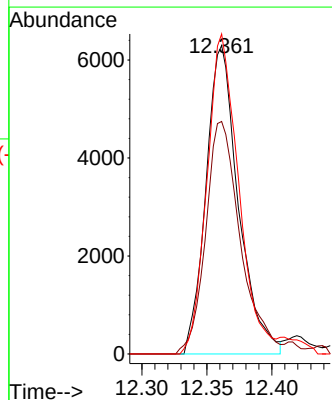
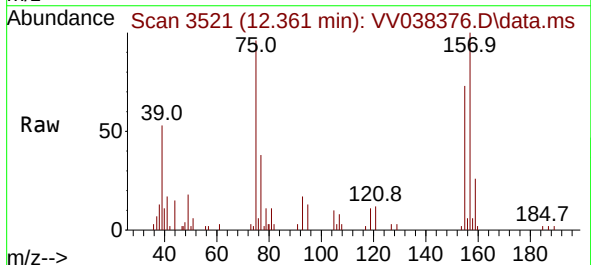
Instrument :  
MSVOA\_V  
ClientSampleId :

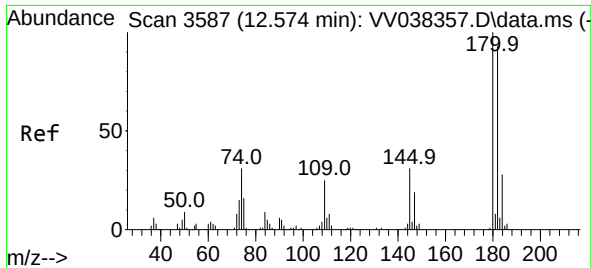
Tgt Ion:146 Resp: 164938  
Ion Ratio Lower Upper  
146 100  
111 42.3 34.2 51.2  
148 63.7 51.0 76.4



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.327 ug/L  
RT: 12.361 min Scan# 3521  
Delta R.T. -0.000 min  
Lab File: VV038376.D  
Acq: 26 Nov 2024 19:55

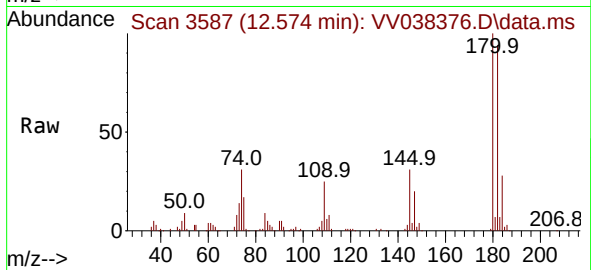
Tgt Ion: 75 Resp: 10928  
Ion Ratio Lower Upper  
75 100  
155 75.4 67.5 101.3  
157 103.7 82.7 124.1



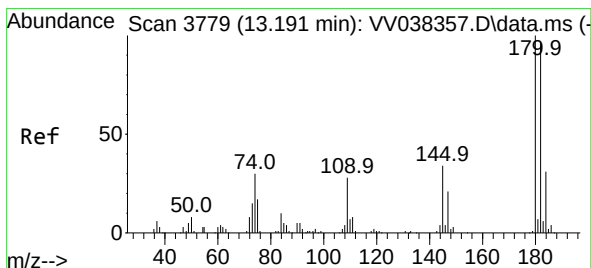
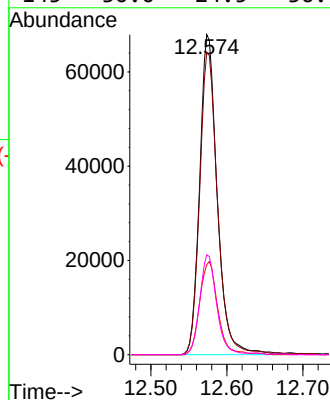
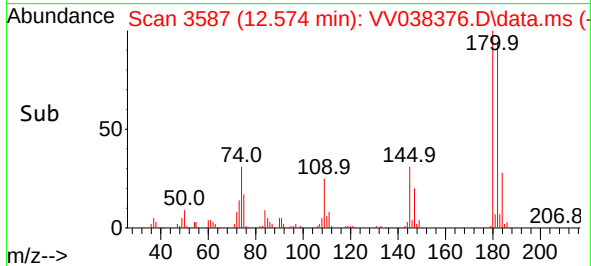


#69  
 1,3,5-Trichlorobenzene  
 Concen: 3.794 ug/L  
 RT: 12.574 min Scan# 3587  
 Delta R.T. -0.000 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55

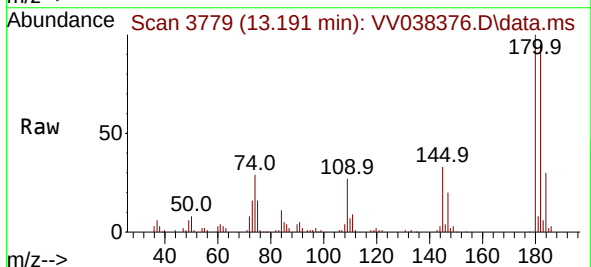
Instrument :  
 MSVOA\_V  
 ClientSampleId :



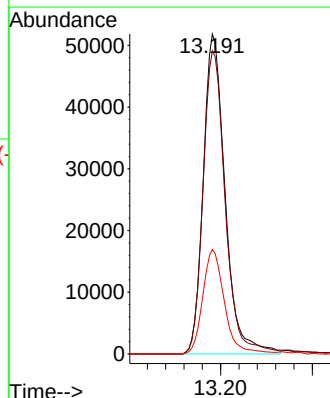
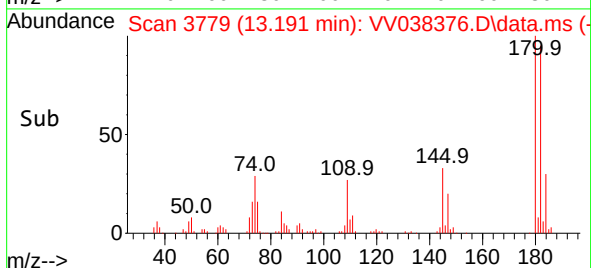
Tgt Ion:180 Resp: 109218  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 76.0 114.0  
 184 29.6 23.7 35.5  
 145 30.0 24.5 36.7

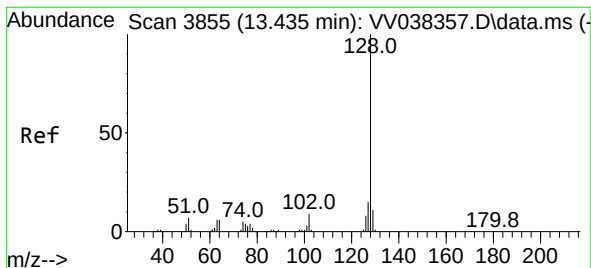


#70  
 1,2,4-trichlorobenzene  
 Concen: 3.598 ug/L  
 RT: 13.191 min Scan# 3779  
 Delta R.T. -0.000 min  
 Lab File: VV038376.D  
 Acq: 26 Nov 2024 19:55



Tgt Ion:180 Resp: 85621  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 73.8 110.8  
 145 32.3 24.6 37.0





#71

Naphthalene

Concen: 3.020 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Instrument :

MSVOA\_V

ClientSampleId :

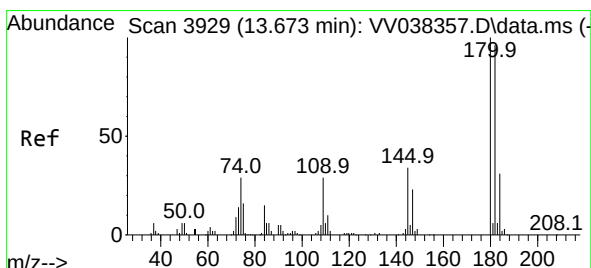
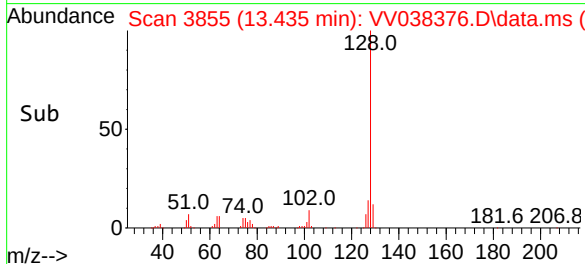
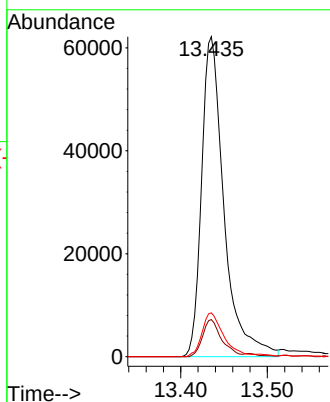
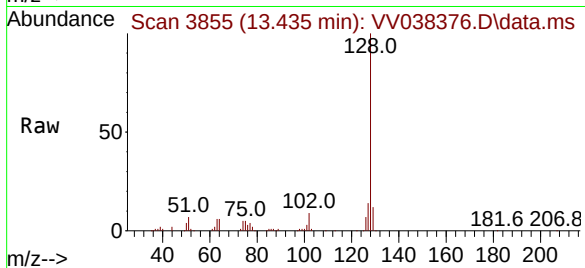
Tgt Ion:128 Resp: 111804

Ion Ratio Lower Upper

128 100

129 9.9 8.5 12.7

127 13.2 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.678 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038376.D

Acq: 26 Nov 2024 19:55

Tgt Ion:180 Resp: 80870

Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

145 32.9 27.0 40.4

