

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111122\  
 Data File : VV028878.D  
 Acq On : 11 Nov 2022 15:34  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

Quant Time: Nov 11 22:20:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 22:15:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 323044   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 281611   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 151959   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 99379    | 5.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.000% |
| 7) Chloroethane-d5            | 1.564  | 69    | 88311    | 5.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.000% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 185642   | 5.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 103.400% |
| 20) 2-Butanone-d5             | 3.902  | 46    | 151644   | 45.998   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 24) Chloroform-d              | 4.339  | 84    | 211411   | 5.229    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.600% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 92347    | 5.076    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.600% |
| 32) Benzene-d6                | 5.043  | 84    | 455854   | 5.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.400% |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 125464   | 5.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.000% |
| 41) Toluene-d8                | 7.310  | 98    | 423732   | 5.600    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 112.000% |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 42228    | 5.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 110.400% |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 177002   | 54.168   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 84649    | 5.202    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 145024   | 5.334    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 143202   | 5.318    | ug/L   | 100      |
| 3) Chloromethane              | 1.237  | 50    | 113293   | 5.069    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.307  | 62    | 128025   | 5.022    | ug/L   | 98       |
| 6) Bromomethane               | 1.519  | 94    | 80491    | 5.283    | ug/L   | 97       |
| 8) Chloroethane               | 1.584  | 64    | 75993    | 5.073    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 180807   | 5.260    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 100780   | 5.178    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 104032   | 5.320    | ug/L   | 97       |
| 13) Acetone                   | 2.191  | 43    | 76701    | 36.168   | ug/L   | 91       |
| 14) Carbon disulfide          | 2.291  | 76    | 365965   | 5.270    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.442  | 43    | 29308    | 5.695    | ug/L # | 87       |
| 16) Methylene chloride        | 2.500  | 84    | 173943   | 6.879    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73    | 225042   | 5.368    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 119146   | 5.253    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.182  | 63    | 198303   | 5.348    | ug/L   | 99       |
| 21) 2-Butanone                | 3.979  | 43    | 147102   | 44.803   | ug/L   | 91       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96    | 124228   | 5.388    | ug/L   | 97       |
| 23) Bromochloromethane        | 4.243  | 128   | 51260    | 5.256    | ug/L   | 94       |
| 25) Chloroform                | 4.368  | 83    | 209529   | 5.391    | ug/L   | 97       |

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 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

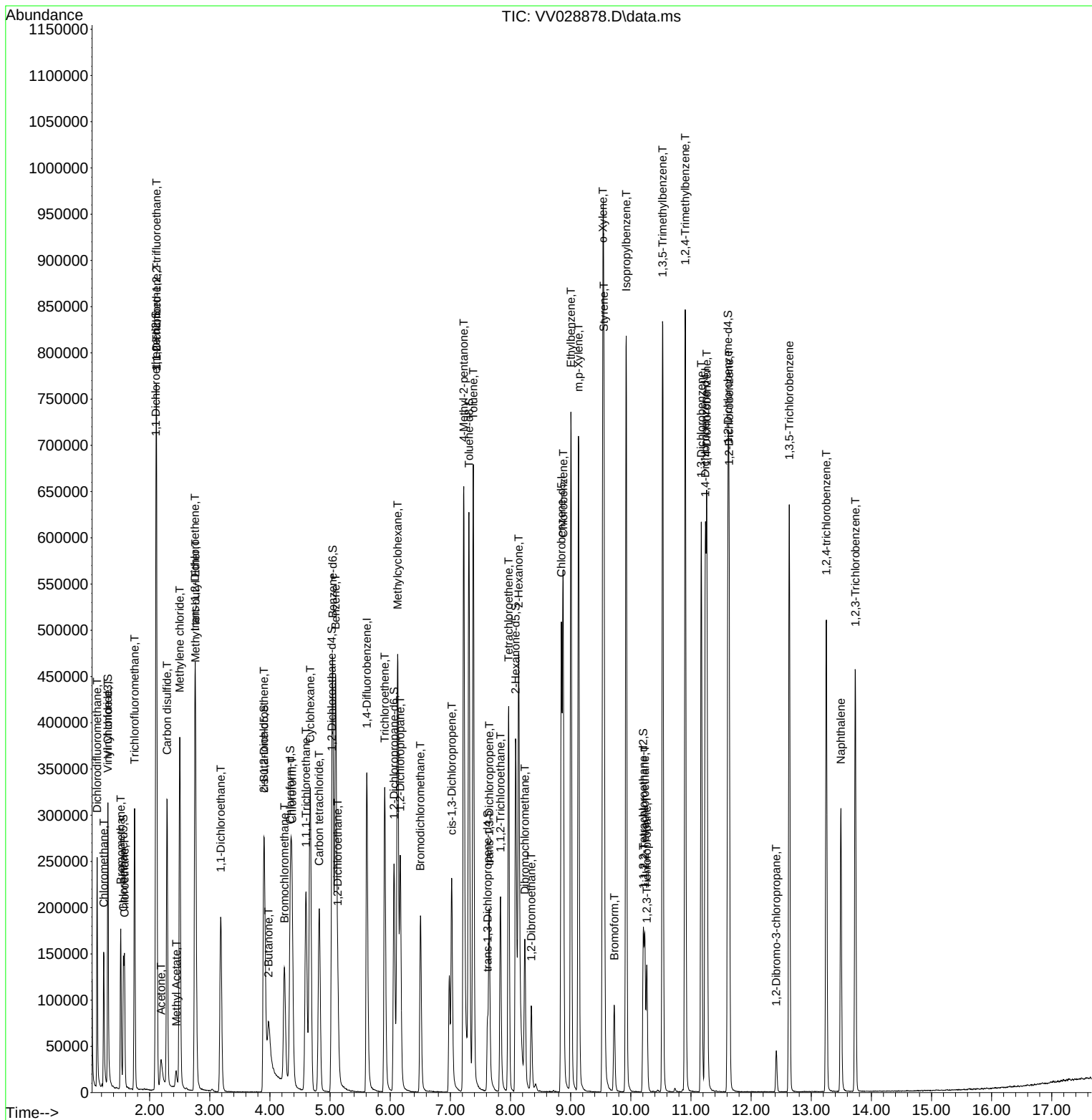
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

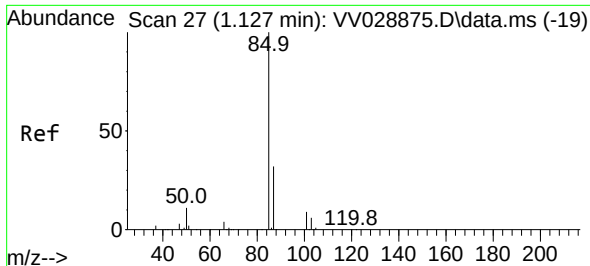
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 22:15:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 105082   | 5.249  | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 178742   | 5.409  | ug/L   | 98       |
| 30) Cyclohexane               | 4.670  | 56   | 189489   | 5.642  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 155585   | 5.467  | ug/L   | 99       |
| 33) Benzene                   | 5.092  | 78   | 477484   | 5.549  | ug/L   | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 120370   | 5.464  | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 212516   | 5.489  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 104732   | 5.278  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 136823   | 5.444  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 156844   | 5.661  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 483011   | 56.572 | ug/L   | 98       |
| 42) Toluene                   | 7.381  | 91   | 513742   | 5.526  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 122638   | 5.702  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 70829    | 5.452  | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.969  | 164  | 96712    | 5.482  | ug/L   | 98       |
| 48) 2-Hexanone                | 8.137  | 43   | 329893   | 55.159 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.239  | 129  | 85554    | 5.447  | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 8.346  | 107  | 65106    | 5.395  | ug/L   | 100      |
| 51) Chlorobenzene             | 8.876  | 112  | 312587   | 5.438  | ug/L   | 100      |
| 52) Ethylbenzene              | 9.005  | 91   | 529070   | 5.466  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.130  | 106  | 205406   | 5.336  | ug/L   | 95       |
| 54) o-Xylene                  | 9.535  | 106  | 200981   | 5.492  | ug/L   | 97       |
| 55) Styrene                   | 9.555  | 104  | 344105   | 5.606  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83   | 79888    | 5.276  | ug/L   | 99       |
| 59) Bromoform                 | 9.725  | 173  | 45353    | 5.475  | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.924  | 105  | 540433   | 5.479  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.268 | 75   | 56605    | 5.451  | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 461902   | 5.528  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 464178   | 5.546  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.172 | 146  | 257891   | 5.565  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.265 | 146  | 253636   | 5.444  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.635 | 146  | 230969   | 5.547  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.419 | 75   | 11006    | 5.387  | ug/L # | 77       |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 201955   | 5.648  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.252 | 180  | 164833   | 6.095  | ug/L   | 98       |
| 71) Naphthalene               | 13.493 | 128  | 252794   | 7.244  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.734 | 180  | 143238   | 6.254  | ug/L   | 100      |

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

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 11 22:15:05 2022  
Response via : Initial Calibration

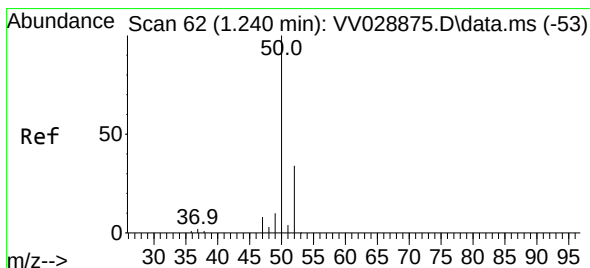
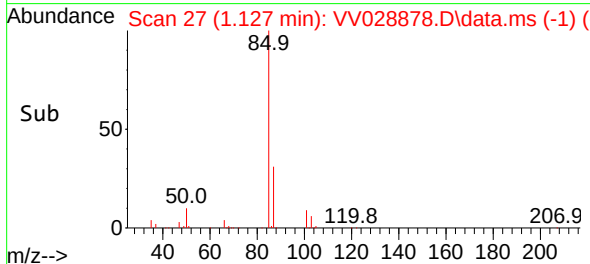
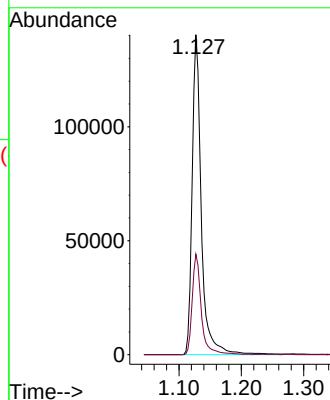
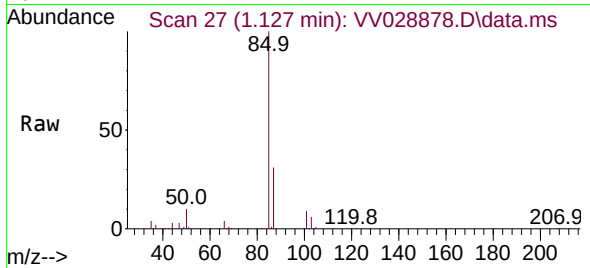




#2  
 Dichlorodifluoromethane  
 Concen: 5.318 ug/L  
 RT: 1.127 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

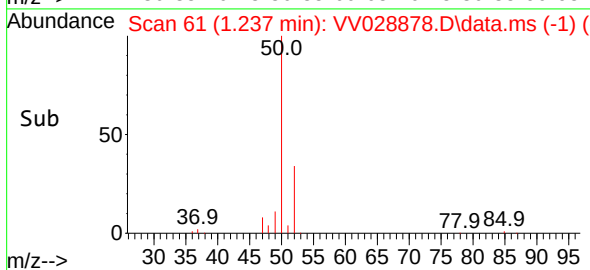
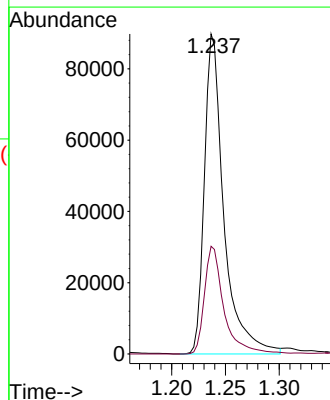
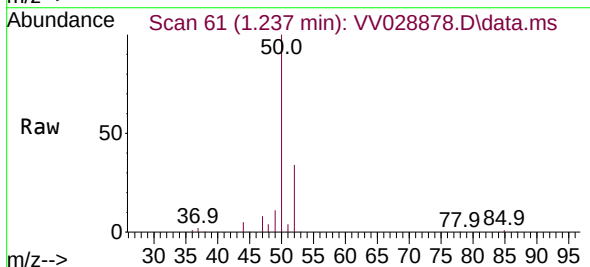
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

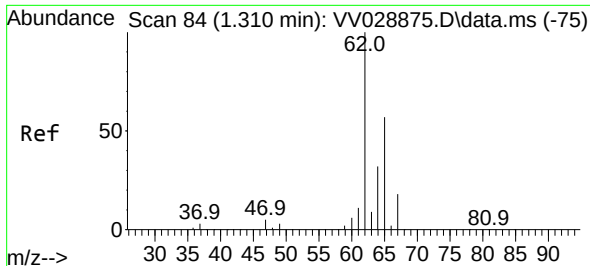
Tgt Ion: 85 Resp: 143202  
 Ion Ratio Lower Upper  
 85 100  
 87 31.3 25.0 37.4



#3  
 Chloromethane  
 Concen: 5.069 ug/L  
 RT: 1.237 min Scan# 61  
 Delta R.T. -0.003 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

Tgt Ion: 50 Resp: 113293  
 Ion Ratio Lower Upper  
 50 100  
 52 33.7 23.7 43.9

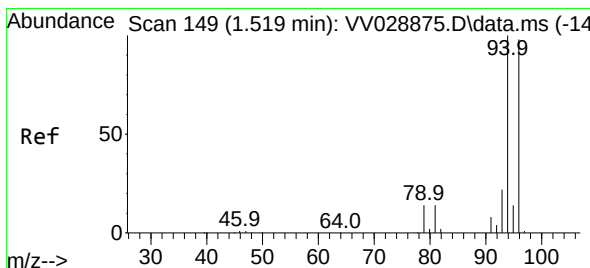
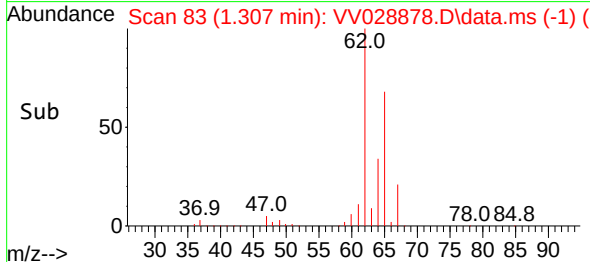
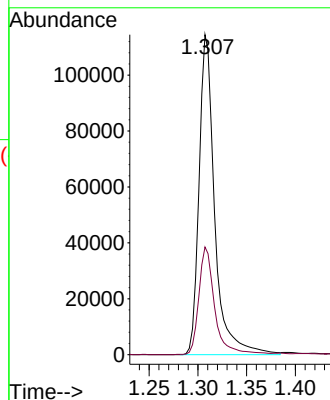
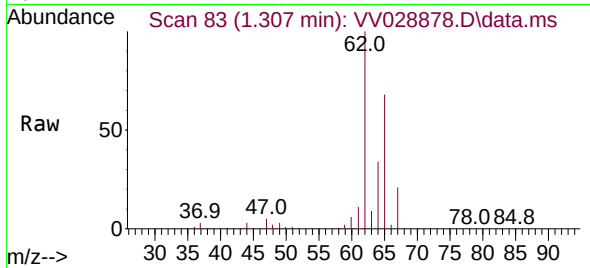




#5  
 Vinyl chloride  
 Concen: 5.022 ug/L  
 RT: 1.307 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

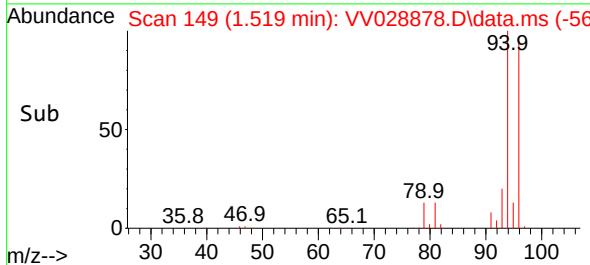
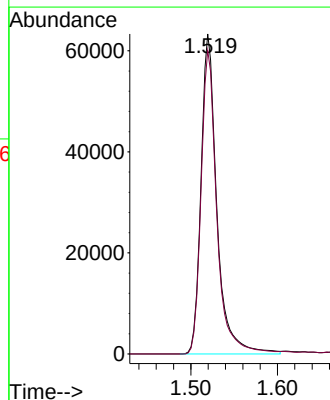
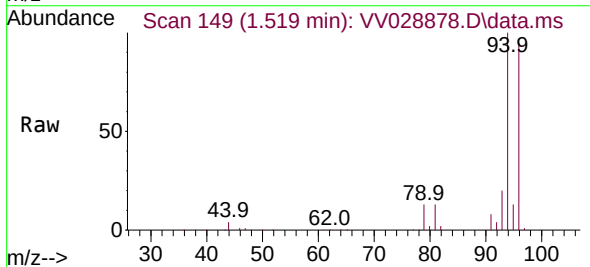
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

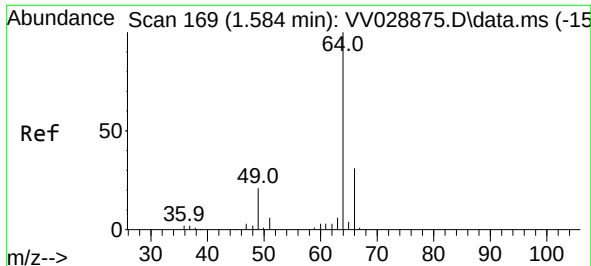
Tgt Ion: 62 Resp: 128025  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 22.8 42.4



#6  
 Bromomethane  
 Concen: 5.283 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. 0.000 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

Tgt Ion: 94 Resp: 80491  
 Ion Ratio Lower Upper  
 94 100  
 96 94.9 68.5 127.3





#8

Chloroethane

Concen: 5.073 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

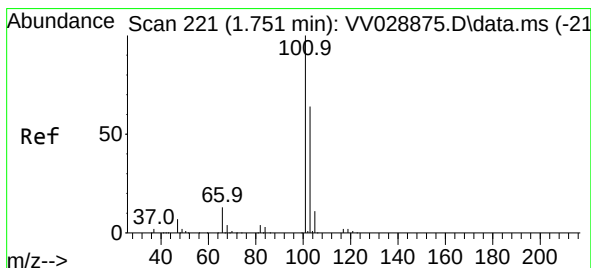
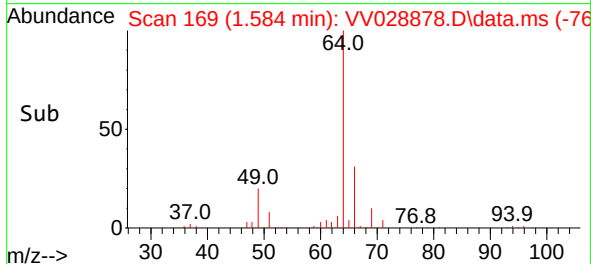
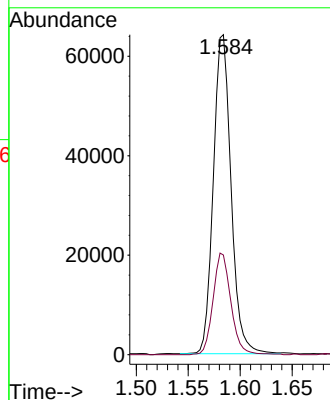
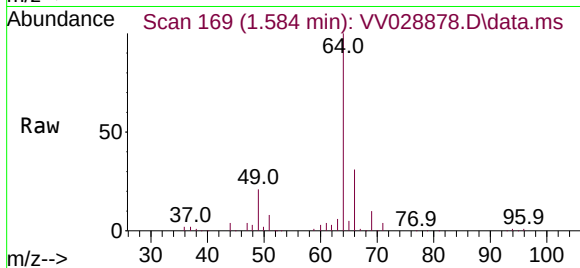
VICV202

Tgt Ion: 64 Resp: 75993

Ion Ratio Lower Upper

64 100

66 31.1 22.0 40.8



#9

Trichlorofluoromethane

Concen: 5.260 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.000 min

Lab File: VV028878.D

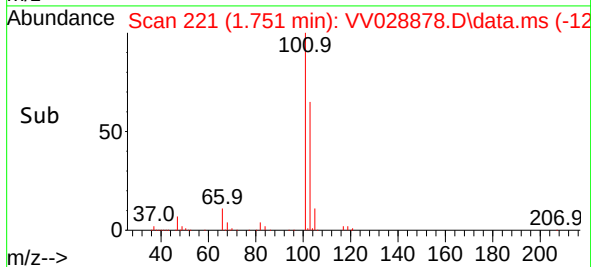
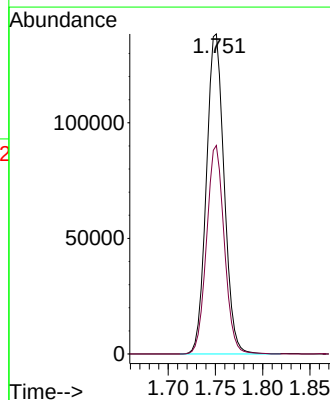
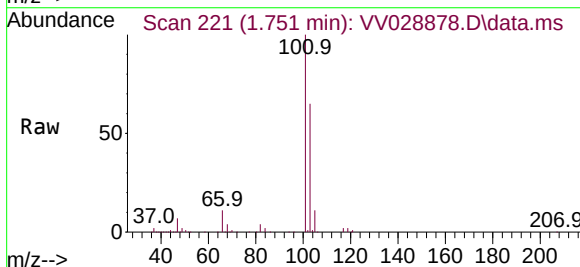
Acq: 11 Nov 2022 15:34

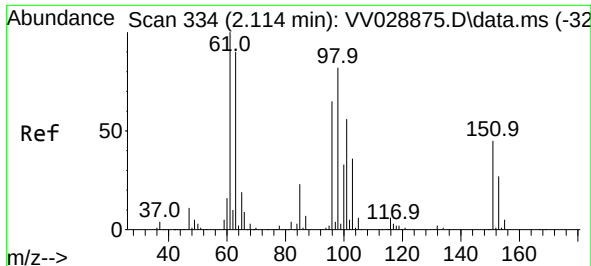
Tgt Ion:101 Resp: 180807

Ion Ratio Lower Upper

101 100

103 65.0 51.3 76.9





#10

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

Concen: 5.178 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

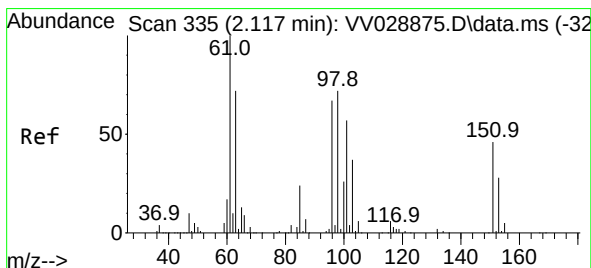
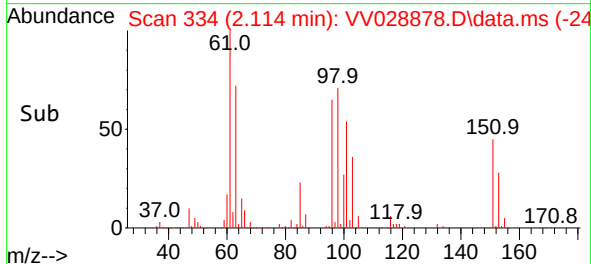
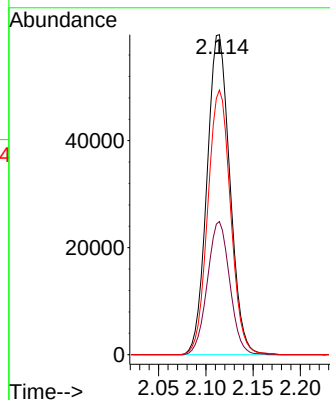
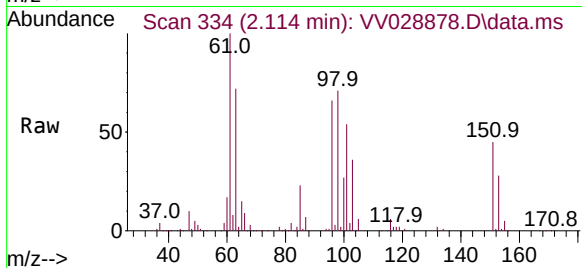
Tgt Ion:101 Resp: 100780

Ion Ratio Lower Upper

101 100

85 40.6 32.9 49.3

151 82.5 62.5 93.7



#12

1,1-Dichloroethene

Concen: 5.320 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

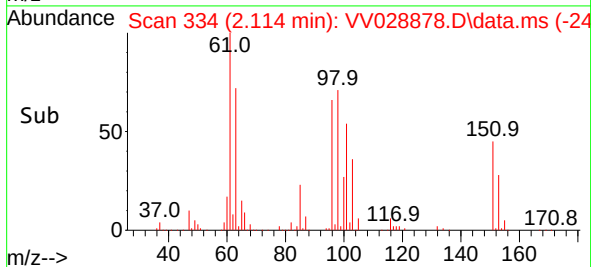
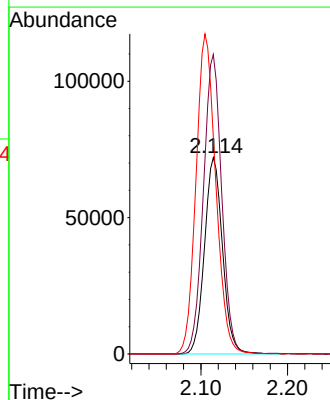
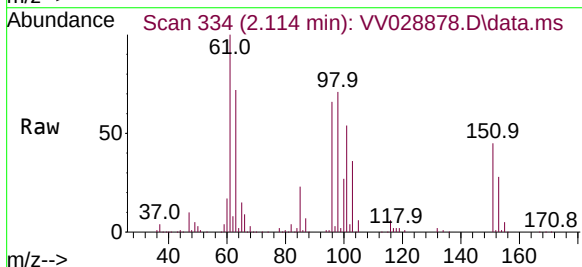
Tgt Ion: 96 Resp: 104032

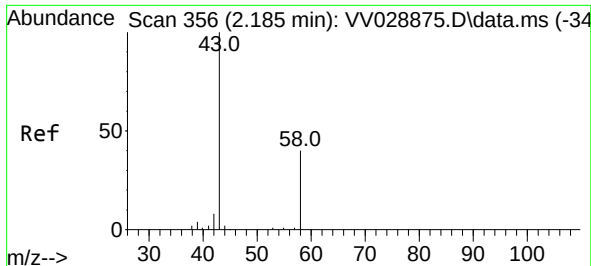
Ion Ratio Lower Upper

96 100

61 152.5 104.2 193.4

63 110.5 75.9 140.9





#13

Acetone

Concen: 36.168 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

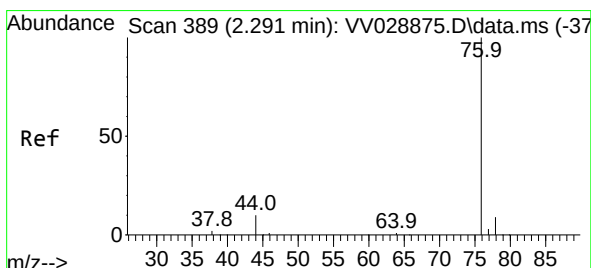
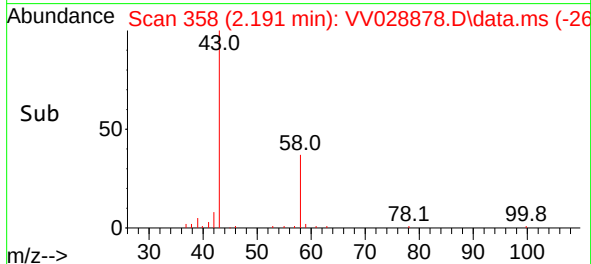
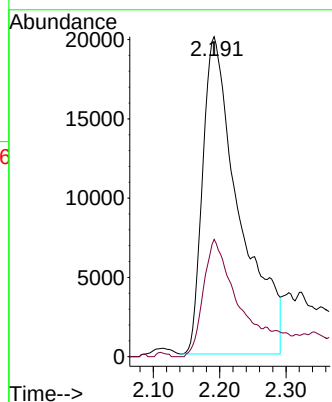
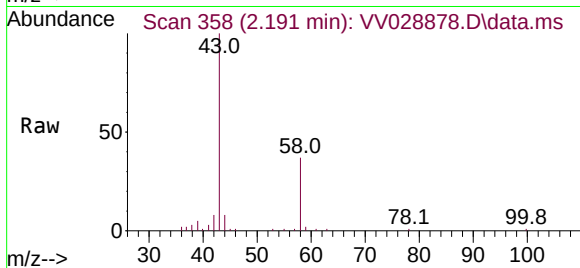
VICV202

Tgt Ion: 43 Resp: 76701

Ion Ratio Lower Upper

43 100

58 33.2 0.0 56.6



#14

Carbon disulfide

Concen: 5.270 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028878.D

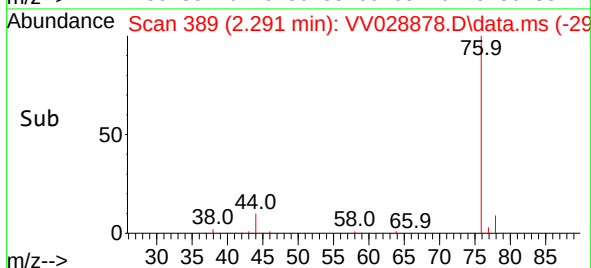
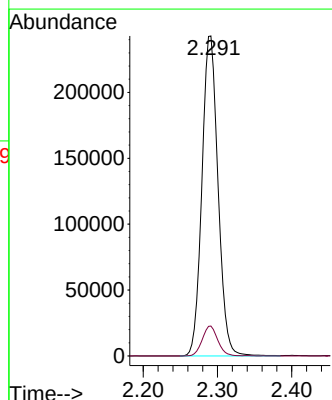
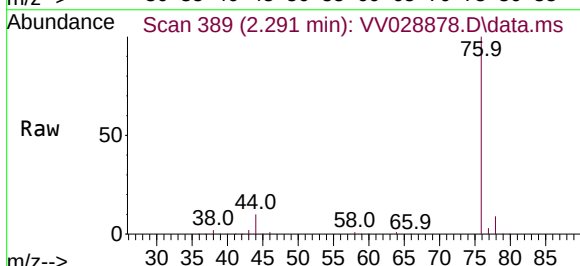
Acq: 11 Nov 2022 15:34

Tgt Ion: 76 Resp: 365965

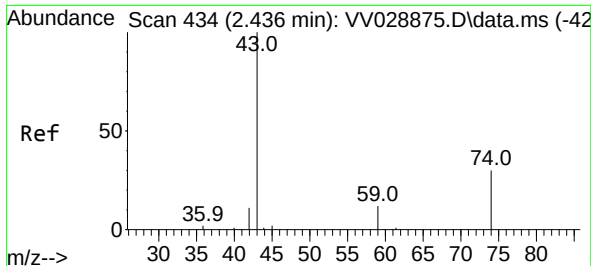
Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



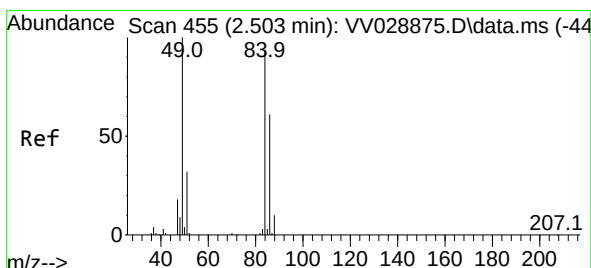
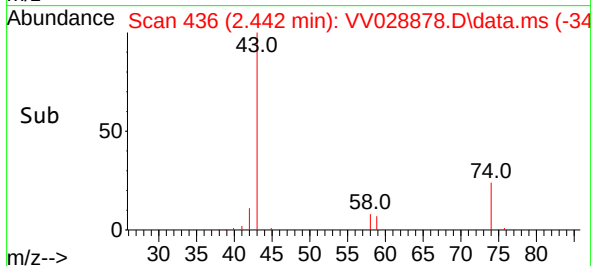
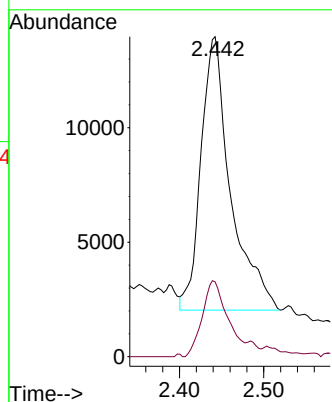
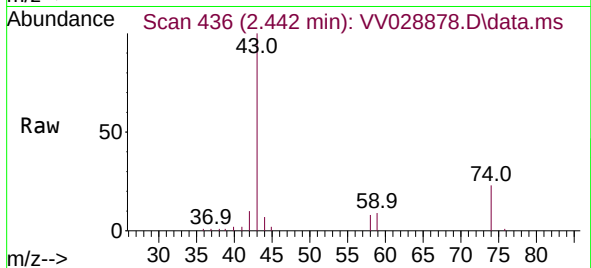




#15  
Methyl Acetate  
Concen: 5.695 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

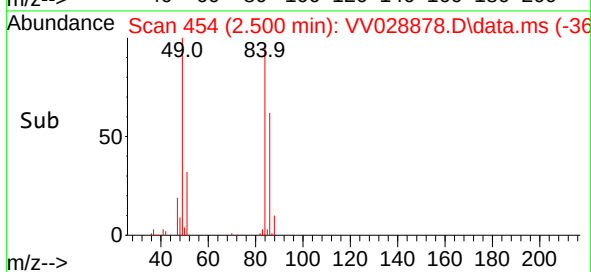
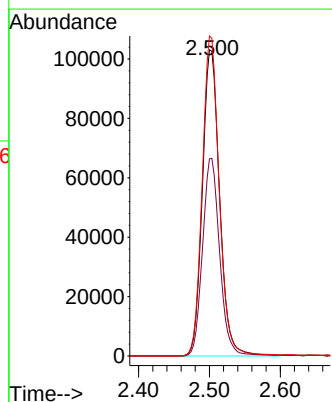
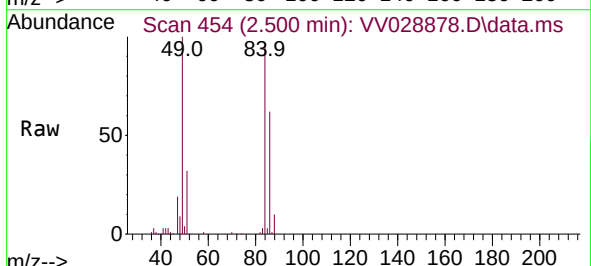
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

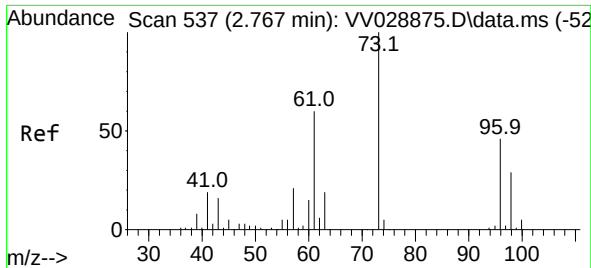
Tgt Ion: 43 Resp: 29308  
Ion Ratio Lower Upper  
43 100  
74 23.7 24.6 37.0#



#16  
Methylene chloride  
Concen: 6.879 ug/L  
RT: 2.500 min Scan# 454  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 84 Resp: 173943  
Ion Ratio Lower Upper  
84 100  
86 64.4 45.8 85.0  
49 104.6 75.5 140.1

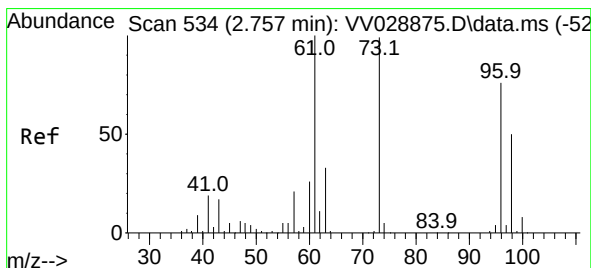
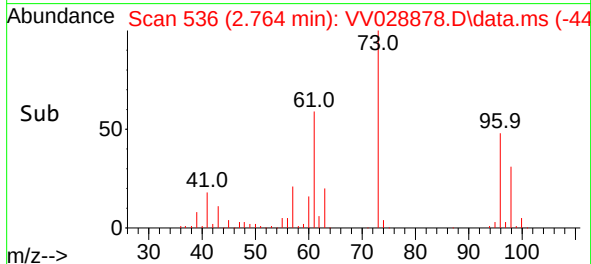
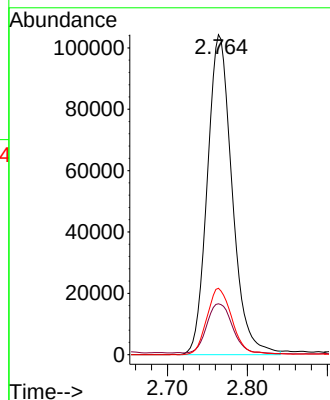
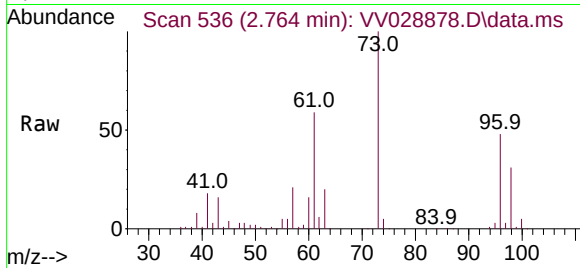




#17  
Methyl tert-butyl Ether  
Concen: 5.368 ug/L  
RT: 2.764 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

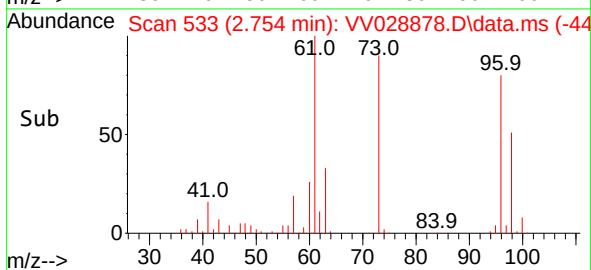
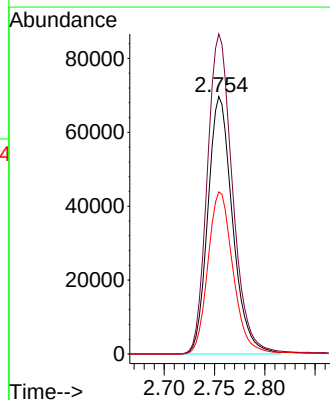
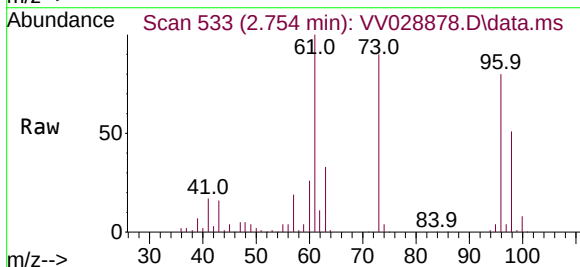
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

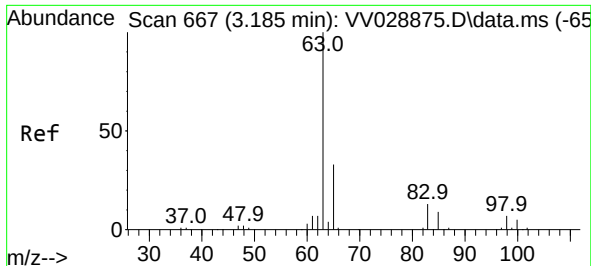
Tgt Ion: 73 Resp: 225042  
Ion Ratio Lower Upper  
73 100  
43 16.6 13.0 19.4  
57 21.2 16.6 24.8



#18  
trans-1,2-Dichloroethene  
Concen: 5.253 ug/L  
RT: 2.754 min Scan# 533  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 96 Resp: 119146  
Ion Ratio Lower Upper  
96 100  
61 124.3 91.8 170.6  
98 63.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.348 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

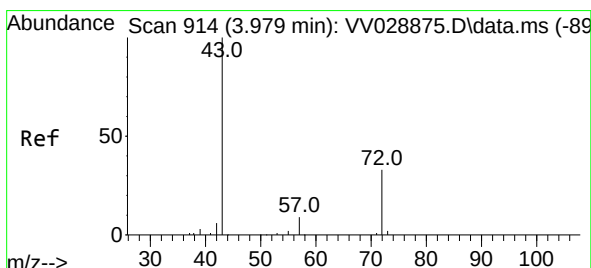
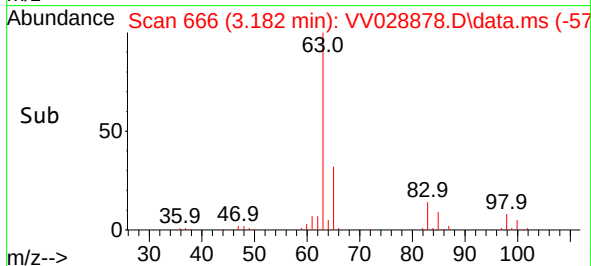
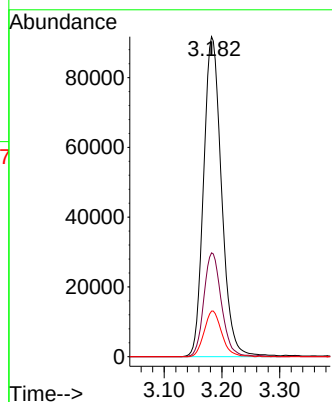
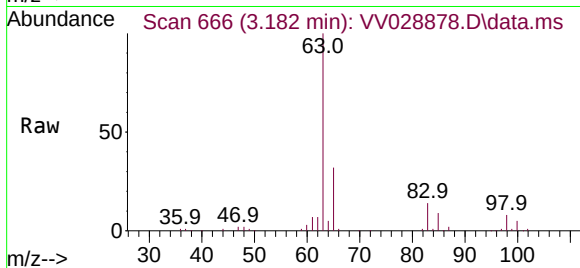
Tgt Ion: 63 Resp: 198303

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 14.2 9.4 17.6



#21

2-Butanone

Concen: 44.803 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.000 min

Lab File: VV028878.D

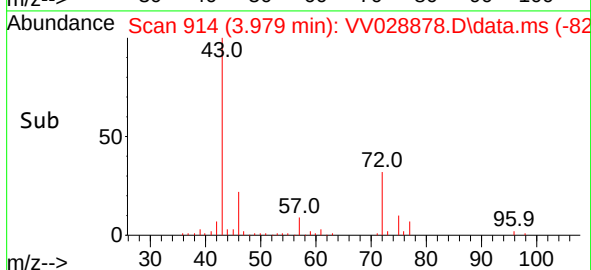
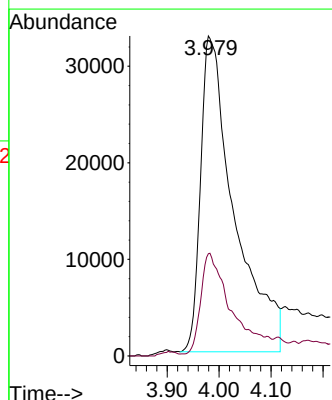
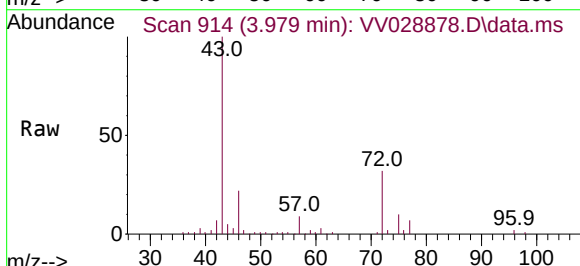
Acq: 11 Nov 2022 15:34

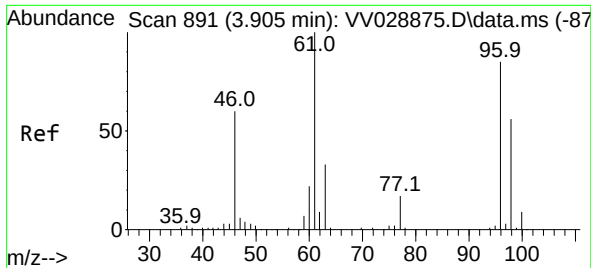
Tgt Ion: 43 Resp: 147102

Ion Ratio Lower Upper

43 100

72 28.4 11.9 35.9

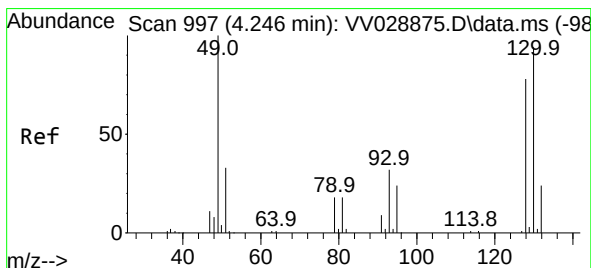
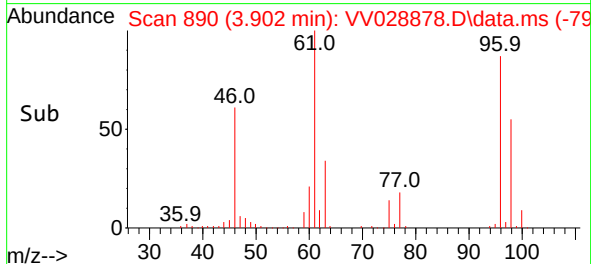
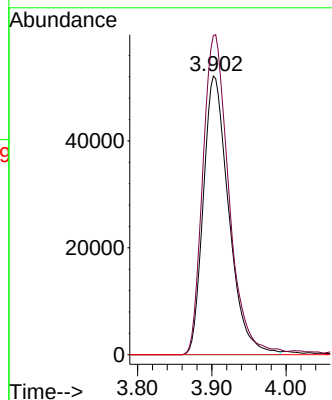
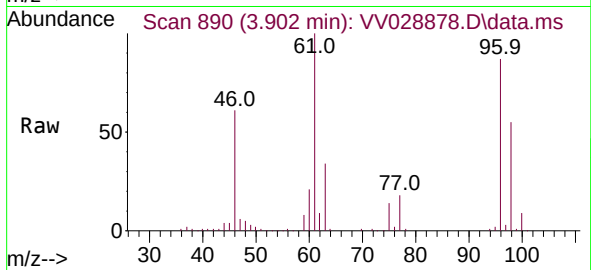




#22  
 cis-1,2-Dichloroethene  
 Concen: 5.388 ug/L  
 RT: 3.902 min Scan# 891  
 Delta R.T. -0.003 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

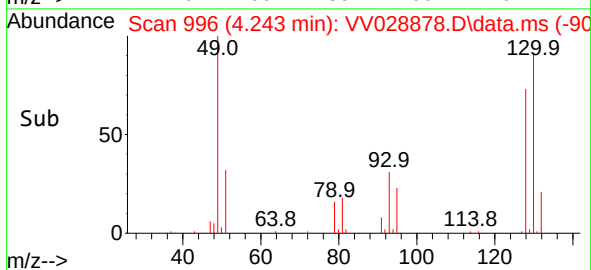
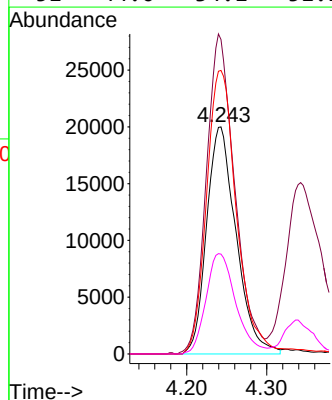
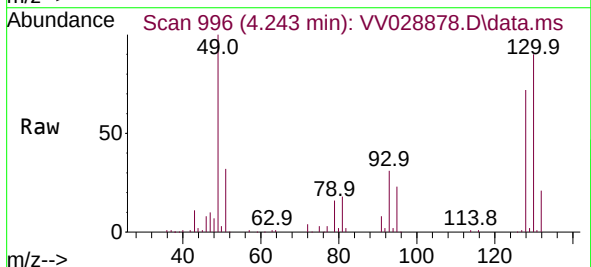
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

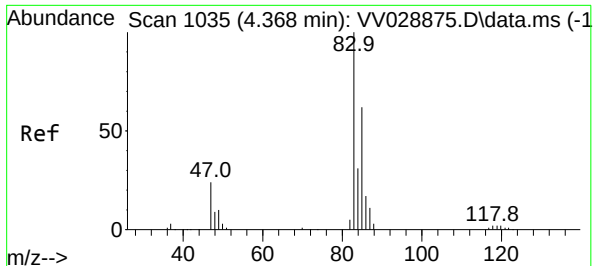
Tgt Ion: 96 Resp: 124228  
 Ion Ratio Lower Upper  
 96 100  
 61 114.5 82.3 152.9  
 68 0.0 0.0 0.0



#23  
 Bromochloromethane  
 Concen: 5.256 ug/L  
 RT: 4.243 min Scan# 996  
 Delta R.T. -0.003 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

Tgt Ion: 128 Resp: 51260  
 Ion Ratio Lower Upper  
 128 100  
 49 138.5 89.5 166.1  
 130 124.9 84.4 156.8  
 51 44.0 34.1 51.1





#25

Chloroform

Concen: 5.391 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

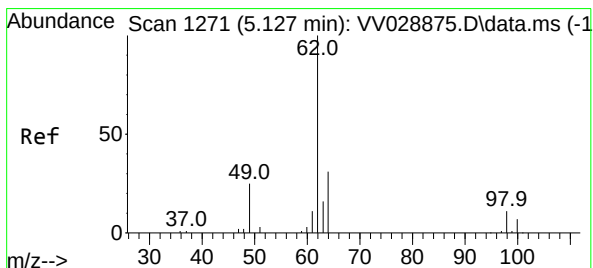
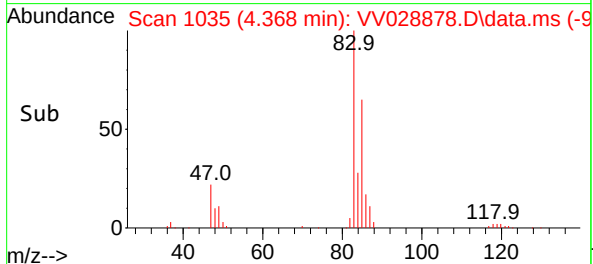
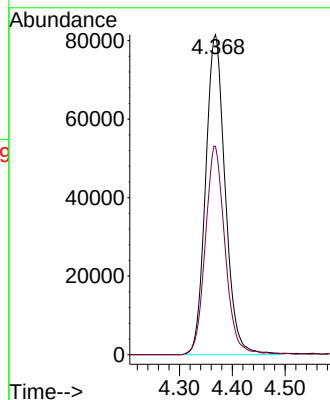
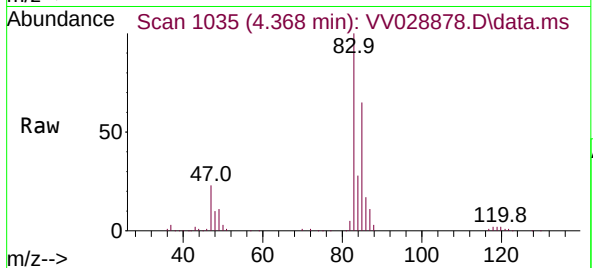
VICV202

Tgt Ion: 83 Resp: 209529

Ion Ratio Lower Upper

83 100

85 65.0 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.249 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028878.D

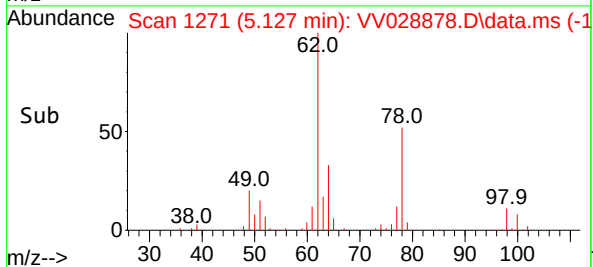
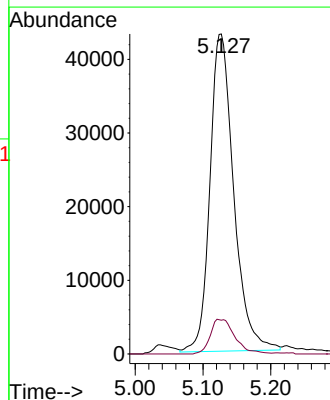
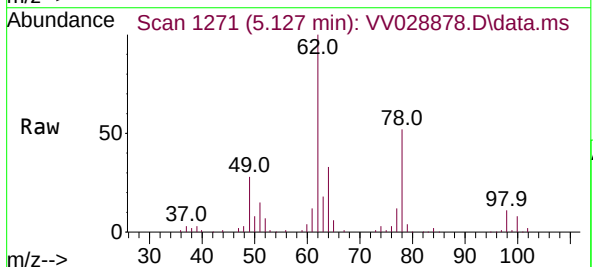
Acq: 11 Nov 2022 15:34

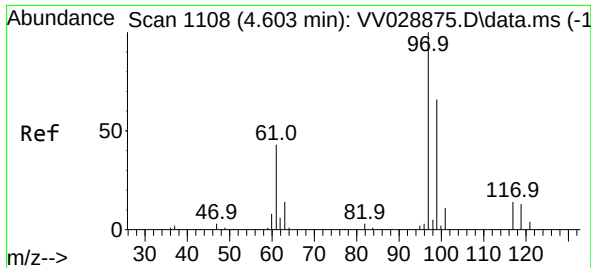
Tgt Ion: 62 Resp: 105082

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.409 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

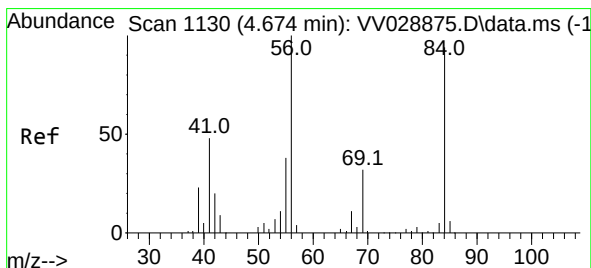
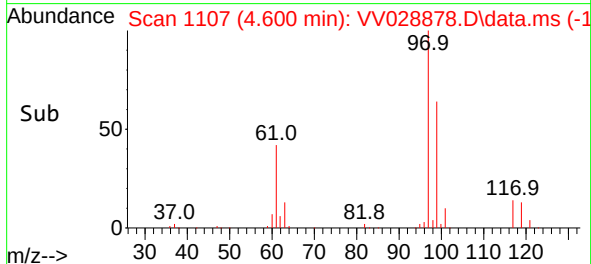
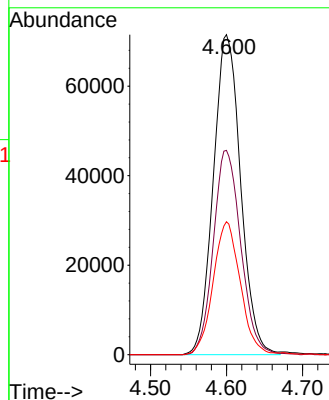
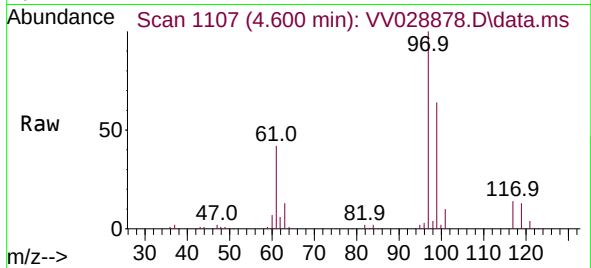
Tgt Ion: 97 Resp: 178742

Ion Ratio Lower Upper

97 100

99 64.2 52.7 79.1

61 41.2 33.8 50.6



#30

Cyclohexane

Concen: 5.642 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

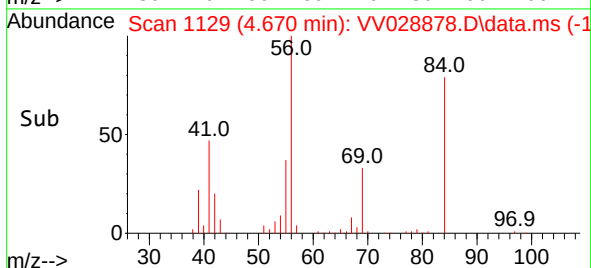
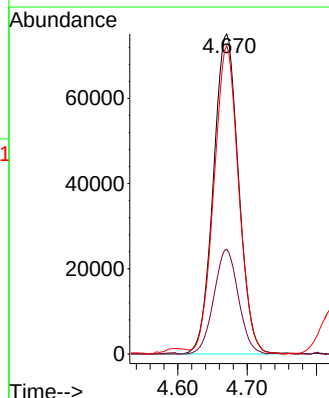
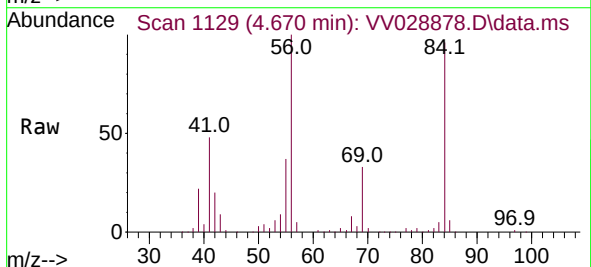
Tgt Ion: 56 Resp: 189489

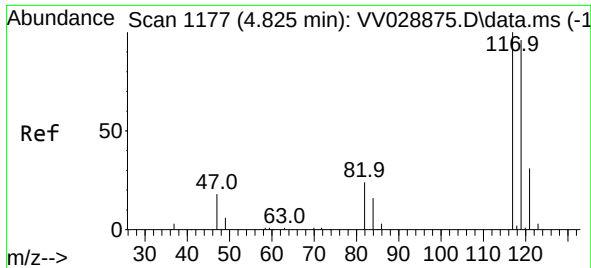
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 95.1 77.9 116.9

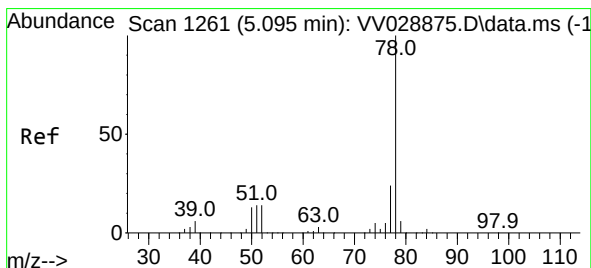
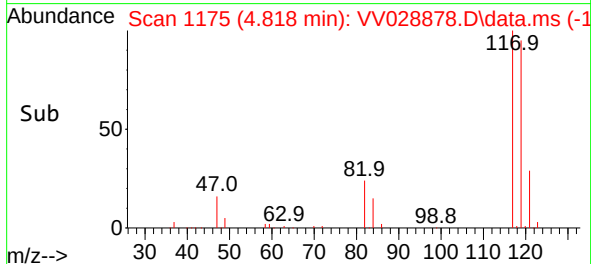
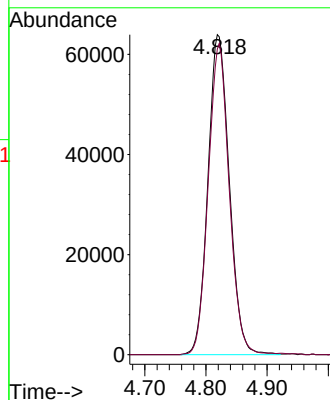
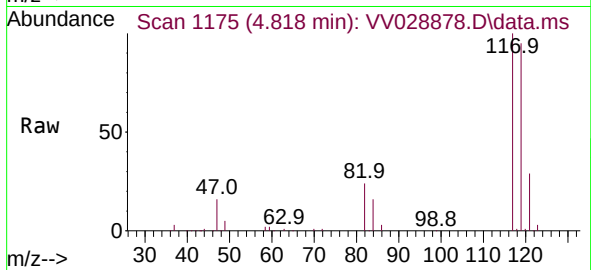




#31  
Carbon tetrachloride  
Concen: 5.467 ug/L  
RT: 4.818 min Scan# 1177  
Delta R.T. -0.006 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

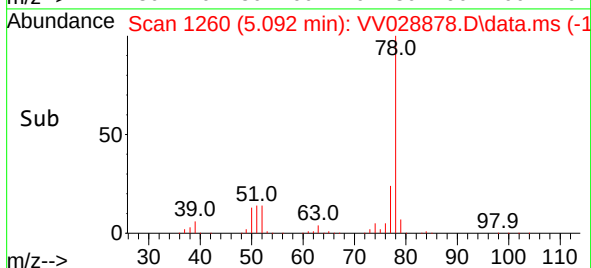
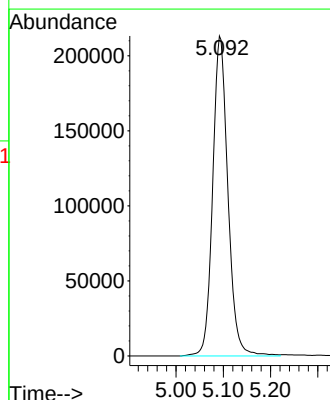
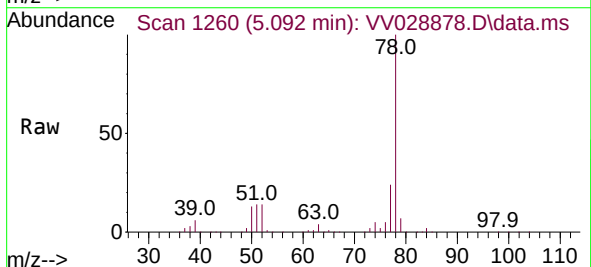
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

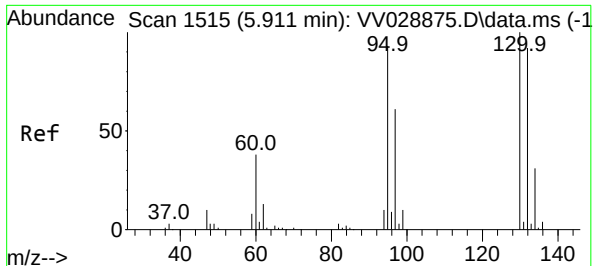
Tgt Ion:117 Resp: 155585  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.0 115.6



#33  
Benzene  
Concen: 5.549 ug/L  
RT: 5.092 min Scan# 1260  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 78 Resp: 477484

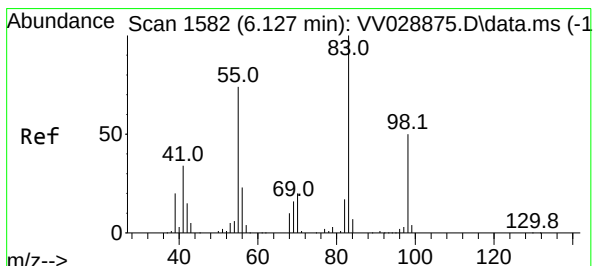
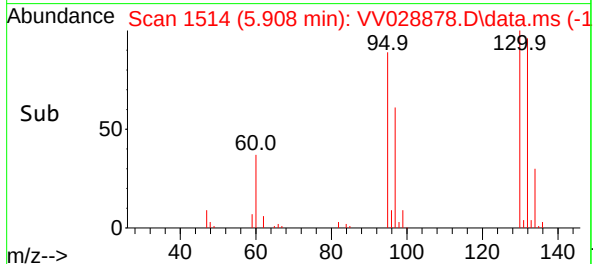
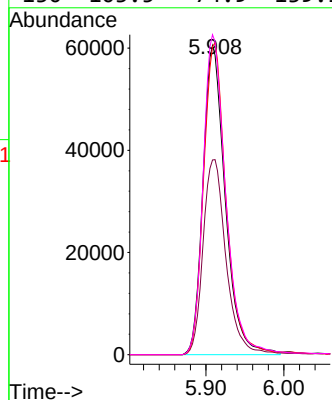
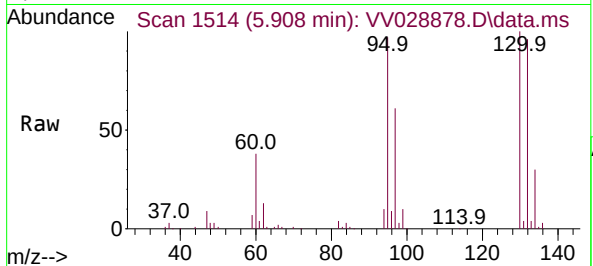




#34  
Trichloroethene  
Concen: 5.464 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

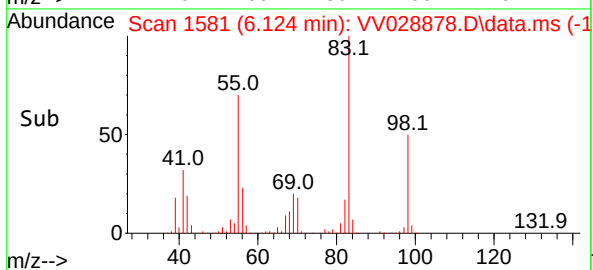
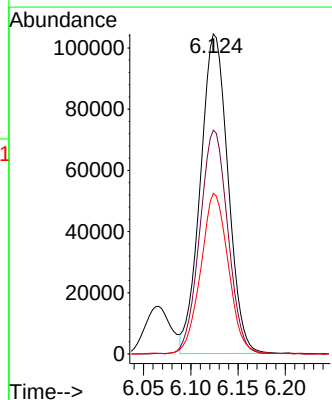
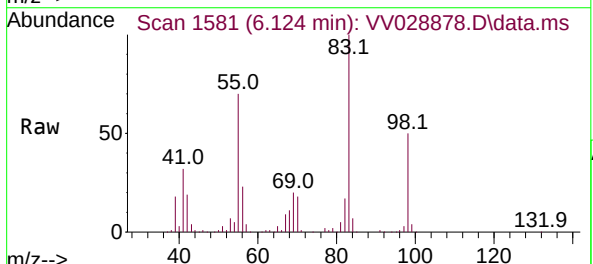
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

Tgt Ion: 95 Resp: 120370  
Ion Ratio Lower Upper  
95 100  
97 63.0 45.6 84.8  
132 99.6 69.1 128.3  
130 103.5 74.9 139.1

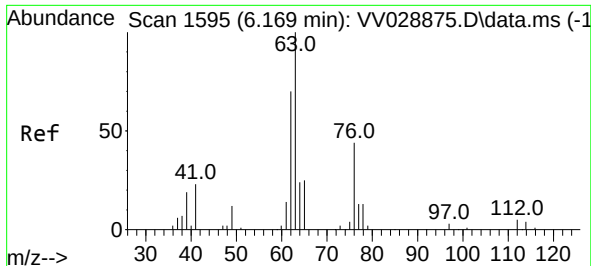


#35  
Methylcyclohexane  
Concen: 5.489 ug/L  
RT: 6.124 min Scan# 1581  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 83 Resp: 212516  
Ion Ratio Lower Upper  
83 100  
55 71.1 55.8 83.6  
98 50.3 38.2 57.2







#37

1,2-Dichloropropane

Concen: 5.278 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

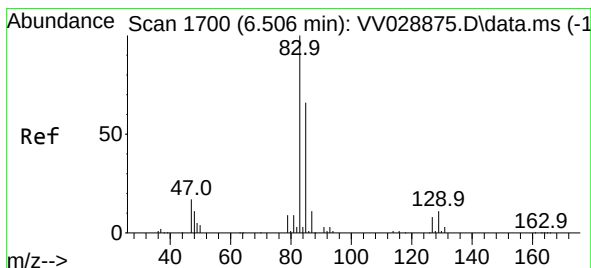
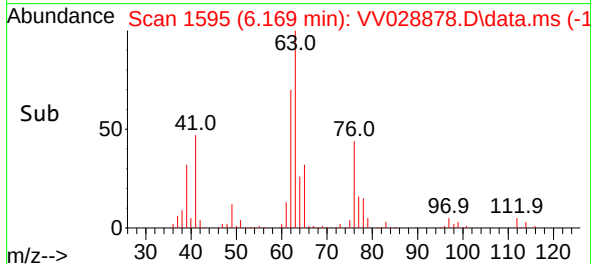
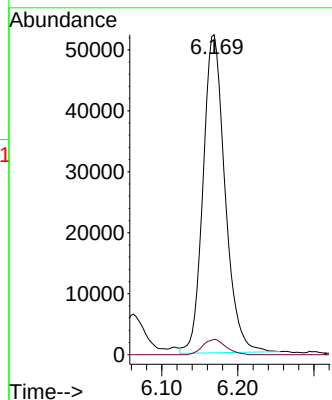
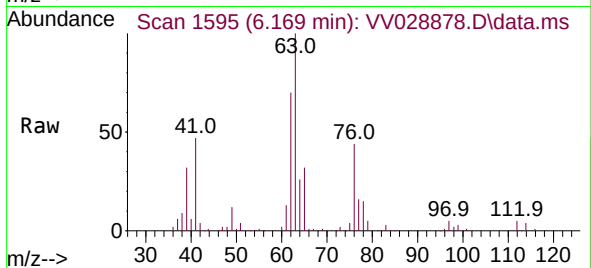
VICV202

Tgt Ion: 63 Resp: 104732

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 5.444 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

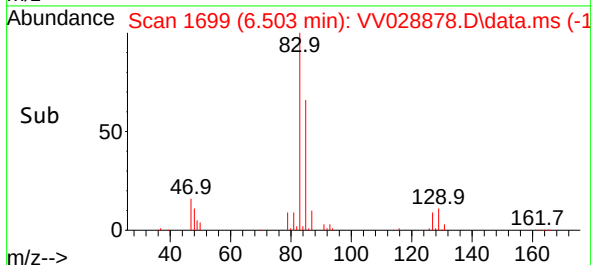
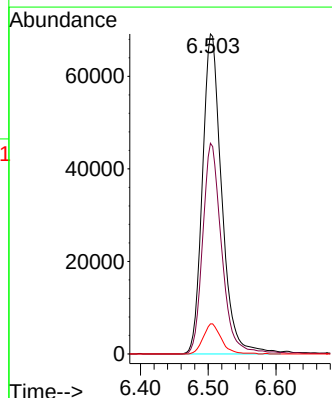
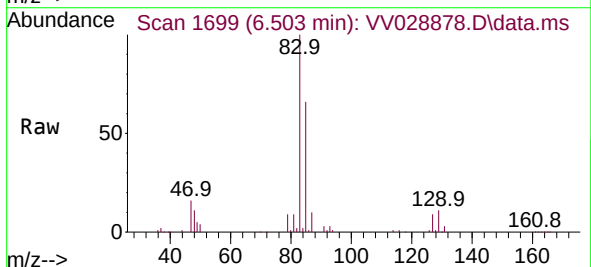
Tgt Ion: 83 Resp: 136823

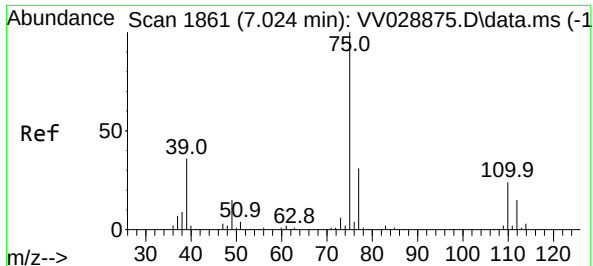
Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.5

127 9.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.661 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

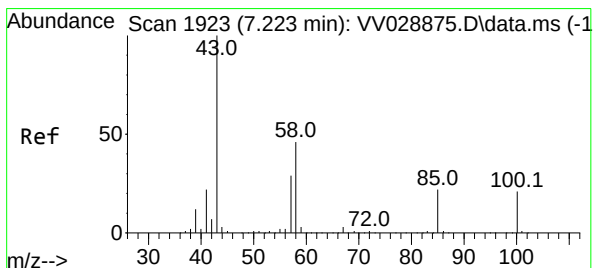
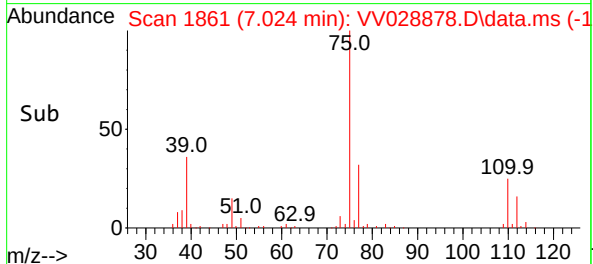
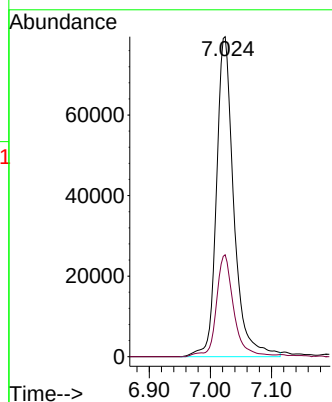
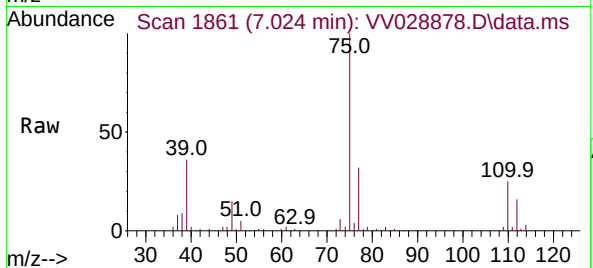
VICV202

Tgt Ion: 75 Resp: 156844

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.572 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

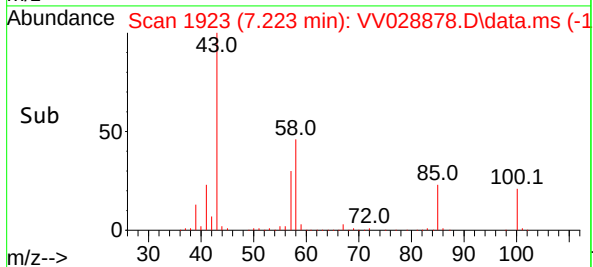
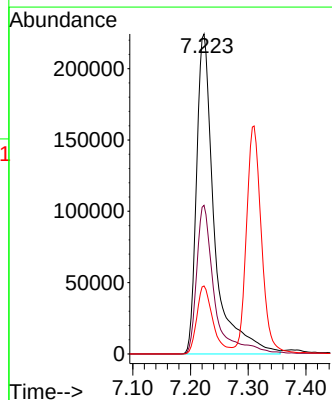
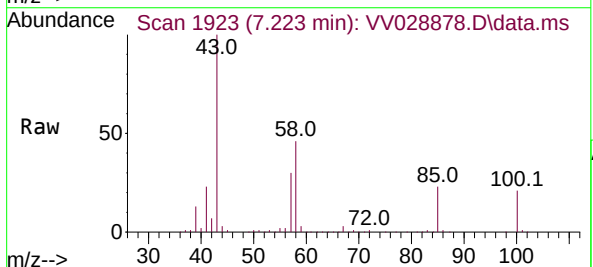
Tgt Ion: 43 Resp: 483011

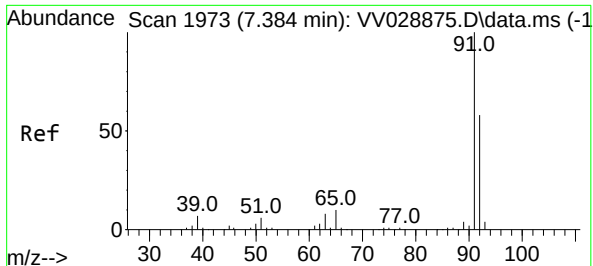
Ion Ratio Lower Upper

43 100

58 46.7 36.6 55.0

100 19.2 14.5 21.7





#42

Toluene

Concen: 5.526 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

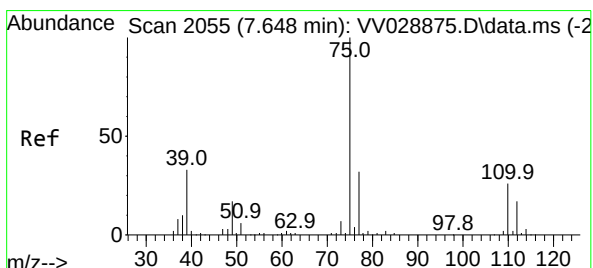
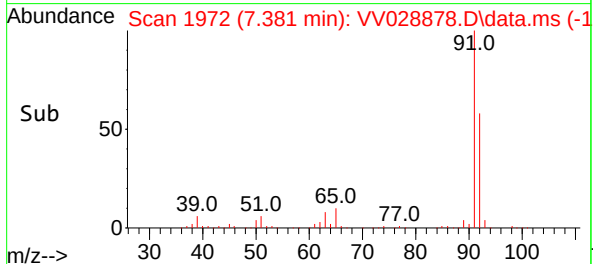
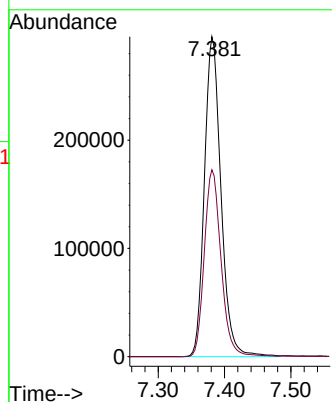
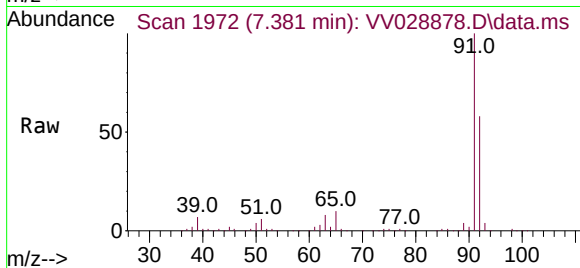
VICV202

Tgt Ion: 91 Resp: 513742

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.702 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028878.D

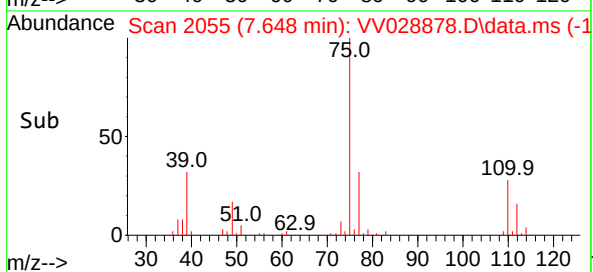
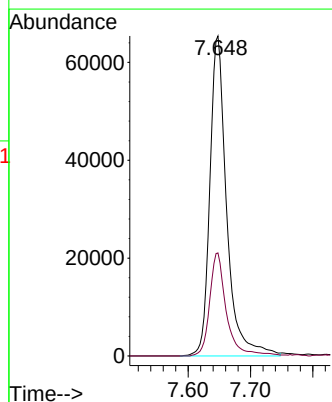
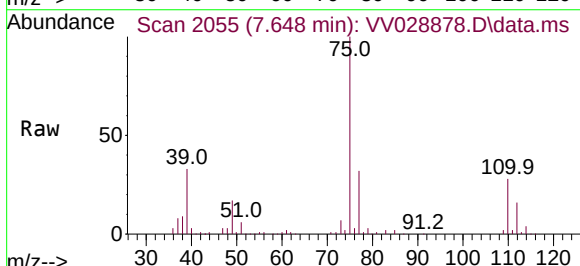
Acq: 11 Nov 2022 15:34

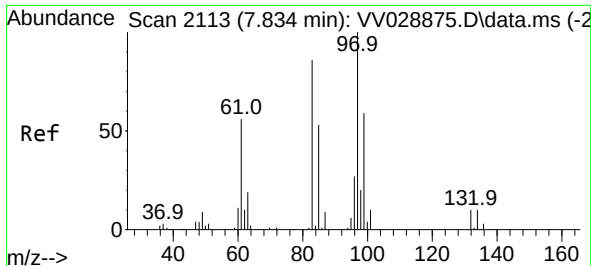
Tgt Ion: 75 Resp: 122638

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.452 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

Tgt Ion: 97 Resp: 70829

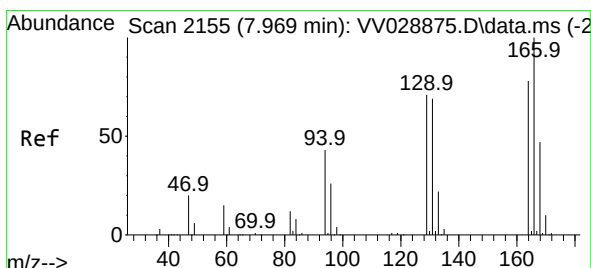
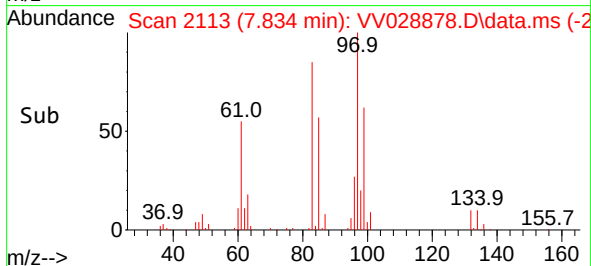
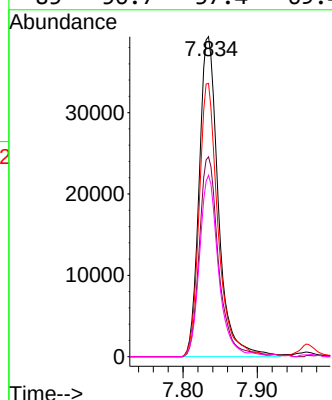
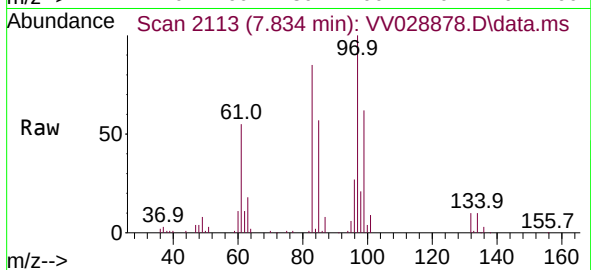
Ion Ratio Lower Upper

97 100

99 62.5 41.5 77.1

83 85.4 60.0 111.4

85 56.7 37.4 69.4



#47

Tetrachloroethene

Concen: 5.482 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Tgt Ion: 164 Resp: 96712

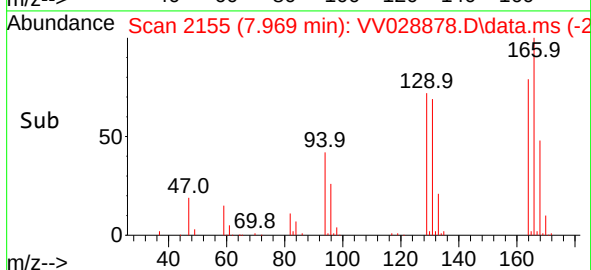
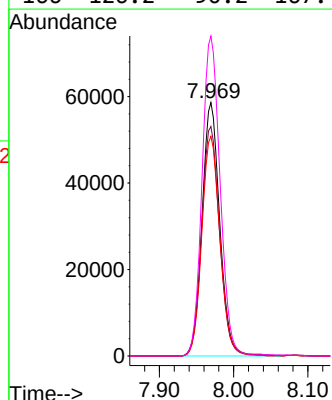
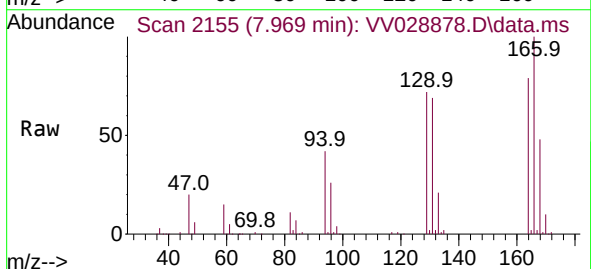
Ion Ratio Lower Upper

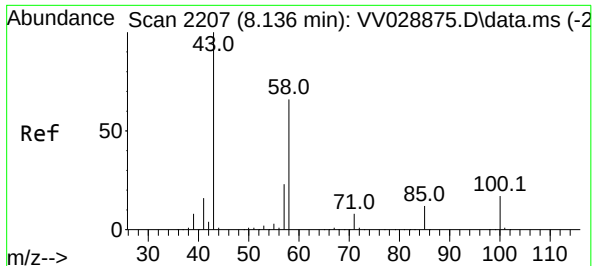
164 100

129 90.5 63.9 118.7

131 86.7 61.8 114.8

166 126.2 90.2 167.4

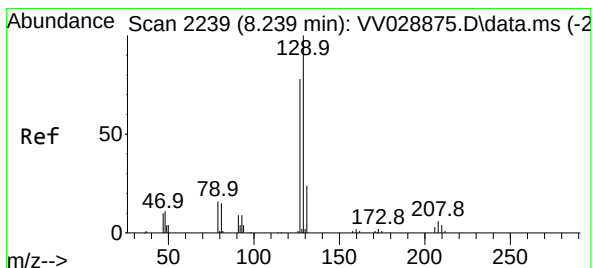
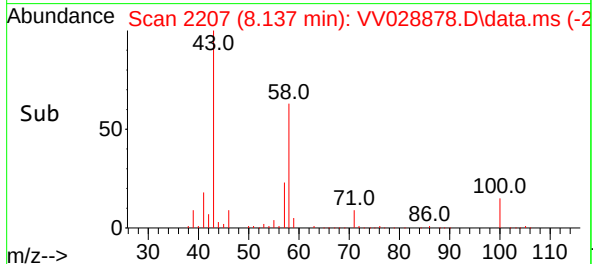
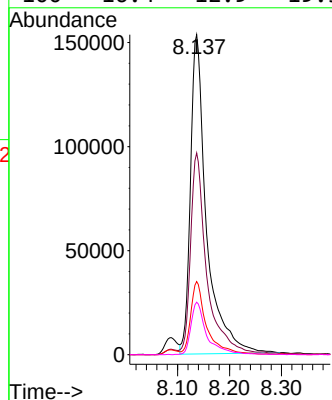
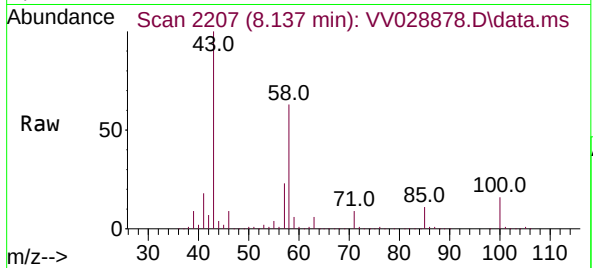




#48  
2-Hexanone  
Concen: 55.159 ug/L  
RT: 8.137 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

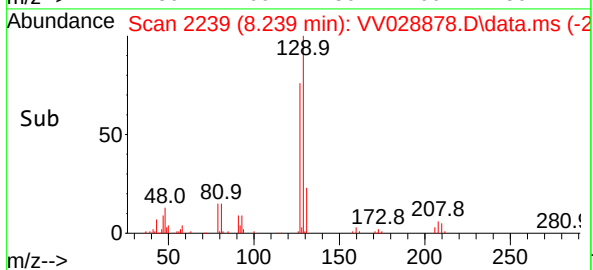
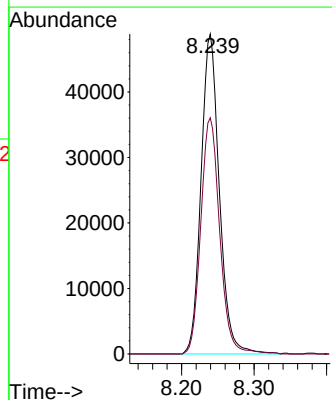
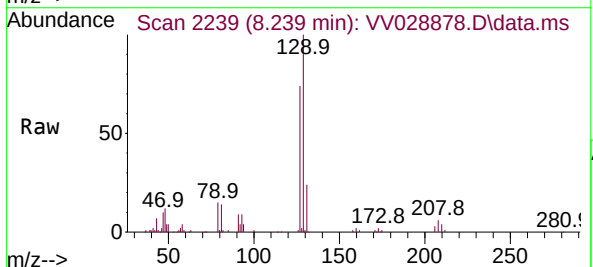
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

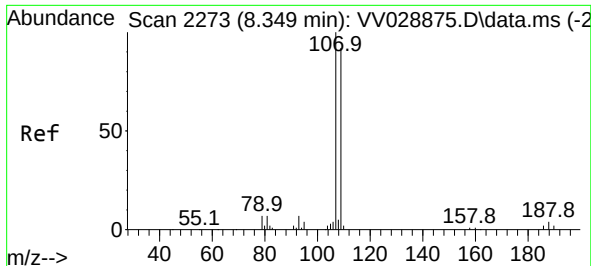
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 329893 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 61.8  | 50.2  | 75.4   |
| 57       | 22.4  | 17.8  | 26.8   |
| 100      | 16.4  | 12.9  | 19.3   |



#49  
Dibromochloromethane  
Concen: 5.447 ug/L  
RT: 8.239 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 85554 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 73.8  | 54.5  | 101.1 |





#50

1,2-Dibromoethane

Concen: 5.395 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

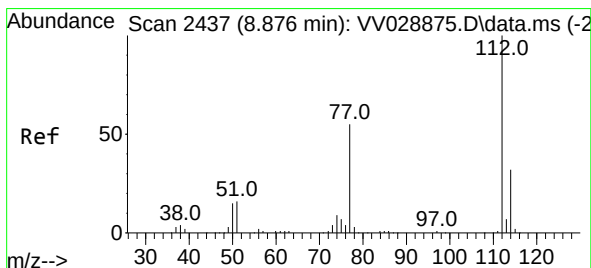
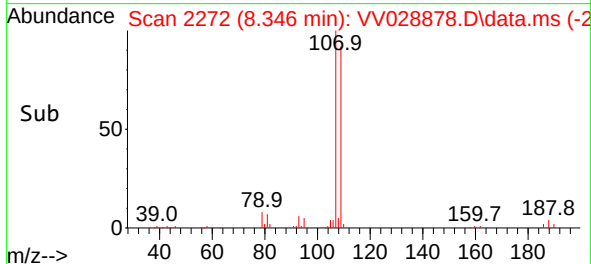
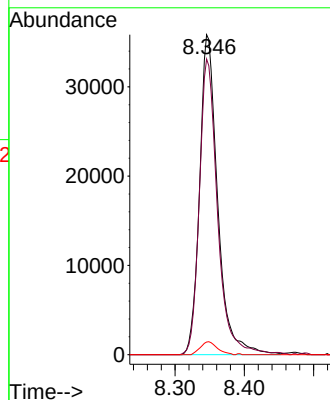
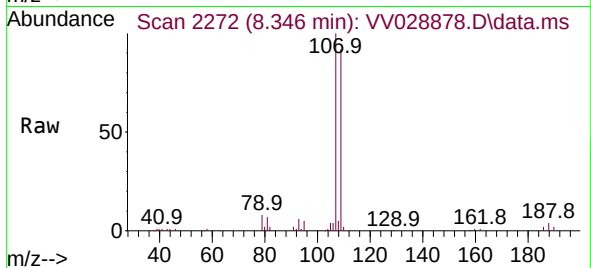
Tgt Ion:107 Resp: 65106

Ion Ratio Lower Upper

107 100

109 92.4 64.4 119.6

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.438 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

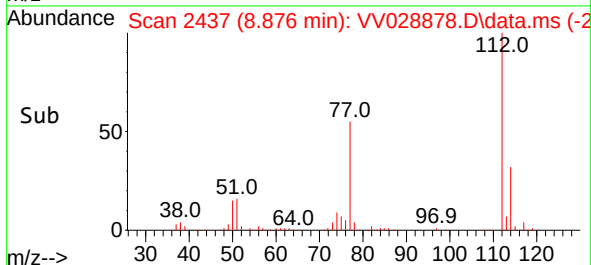
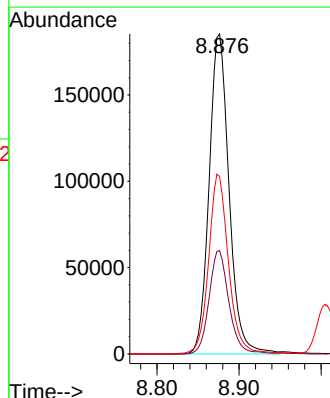
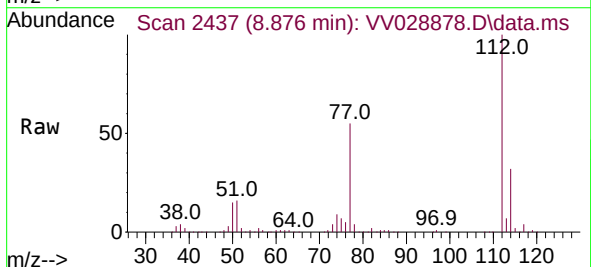
Tgt Ion:112 Resp: 312587

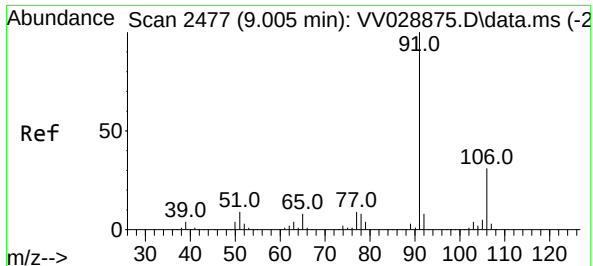
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 55.5 44.4 66.6

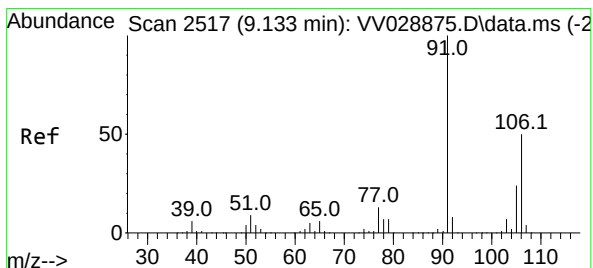
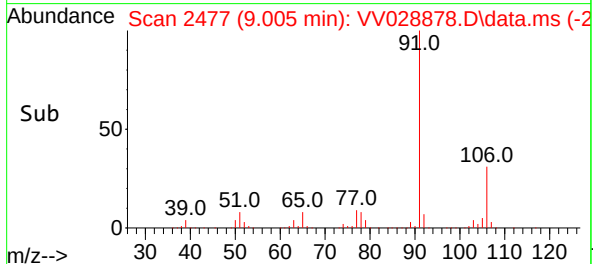
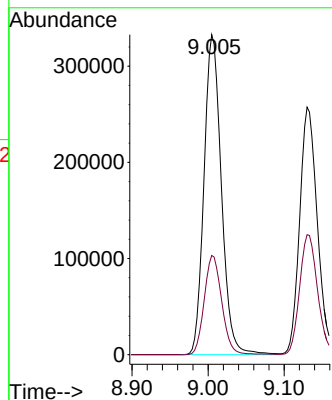
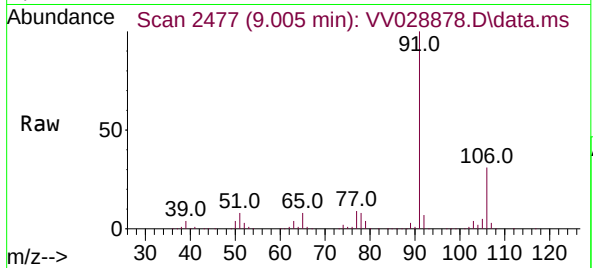




#52  
Ethylbenzene  
Concen: 5.466 ug/L  
RT: 9.005 min Scan# 2477  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

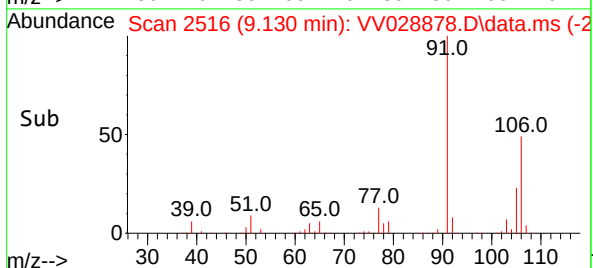
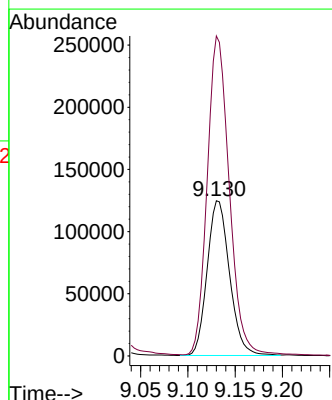
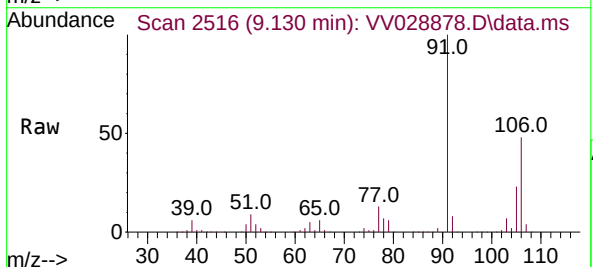
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

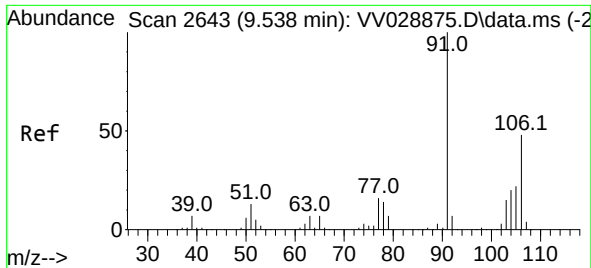
Tgt Ion: 91 Resp: 529070  
Ion Ratio Lower Upper  
91 100  
106 31.0 21.6 40.2



#53  
m,p-Xylene  
Concen: 5.336 ug/L  
RT: 9.130 min Scan# 2516  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 106 Resp: 205406  
Ion Ratio Lower Upper  
106 100  
91 206.3 139.1 258.3

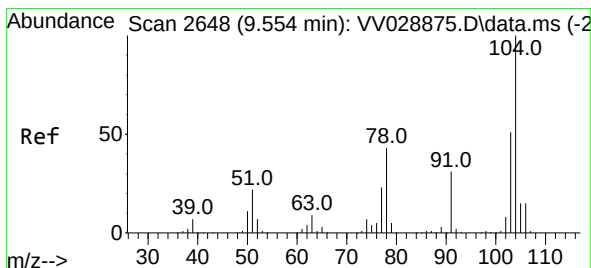
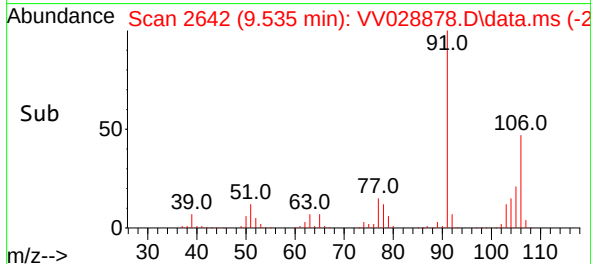
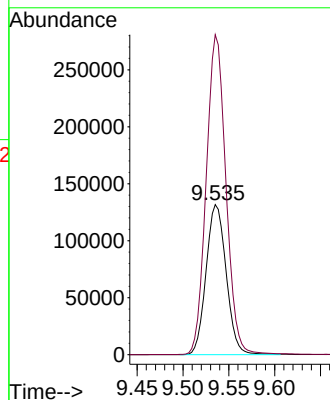
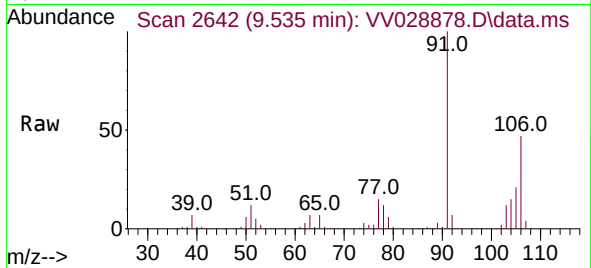




#54  
o-Xylene  
Concen: 5.492 ug/L  
RT: 9.535 min Scan# 2643  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

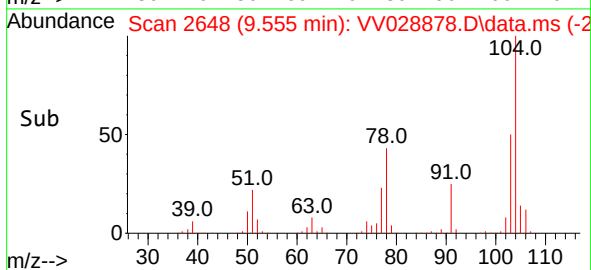
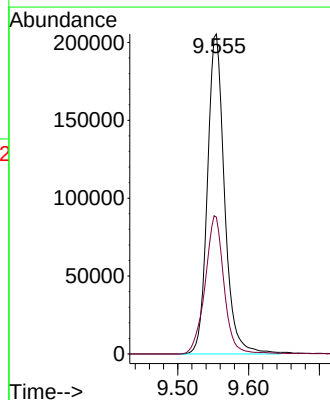
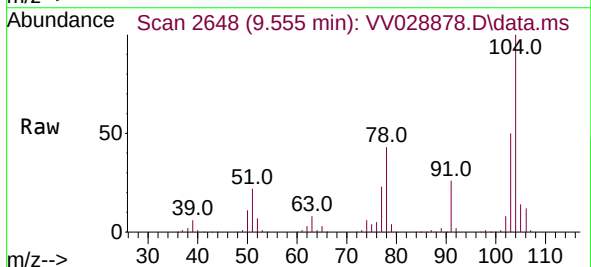
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

Tgt Ion:106 Resp: 200981  
Ion Ratio Lower Upper  
106 100  
91 213.1 145.7 270.7

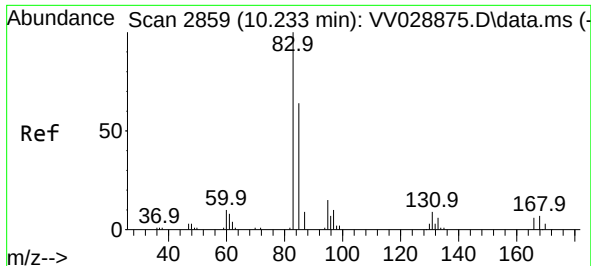


#55  
Styrene  
Concen: 5.606 ug/L  
RT: 9.555 min Scan# 2648  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion:104 Resp: 344105  
Ion Ratio Lower Upper  
104 100  
78 42.8 30.1 55.9







#57

1,1,2,2-Tetrachloroethane

Concen: 5.276 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

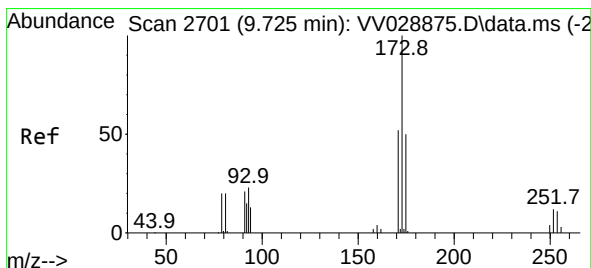
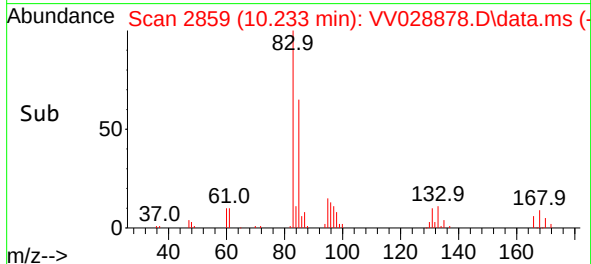
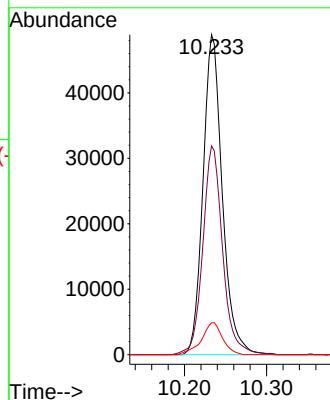
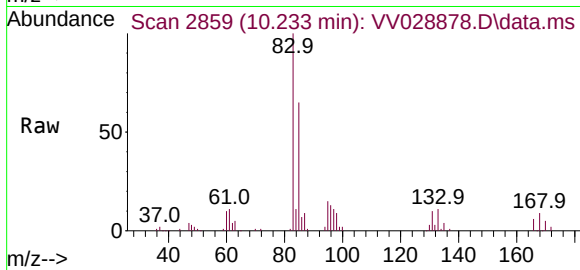
Tgt Ion: 83 Resp: 79888

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

131 10.0 7.5 11.3



#59

Bromoform

Concen: 5.475 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

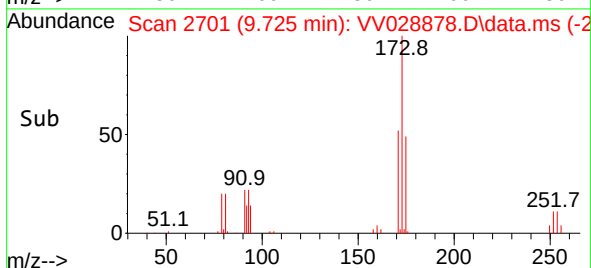
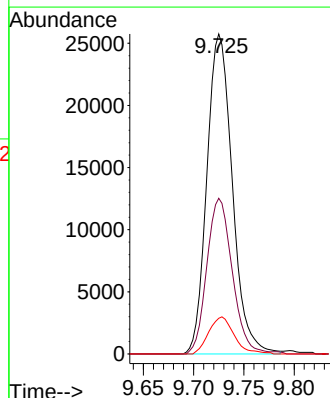
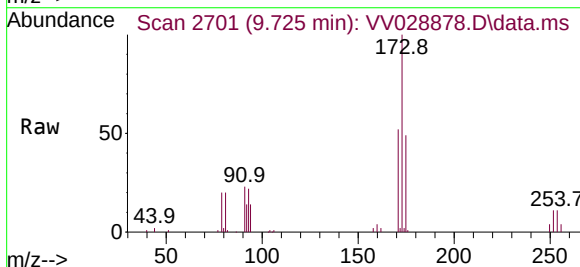
Tgt Ion: 173 Resp: 45353

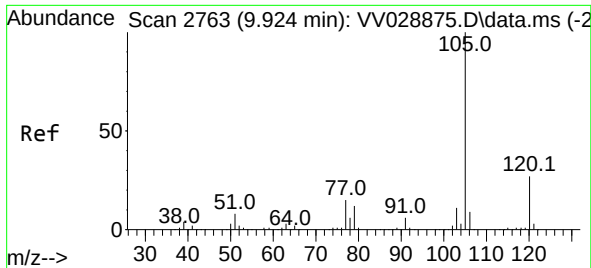
Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.4

254 11.6 8.5 12.7

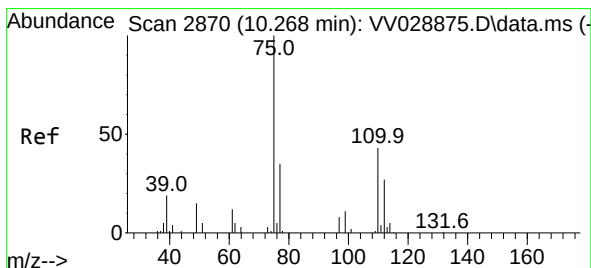
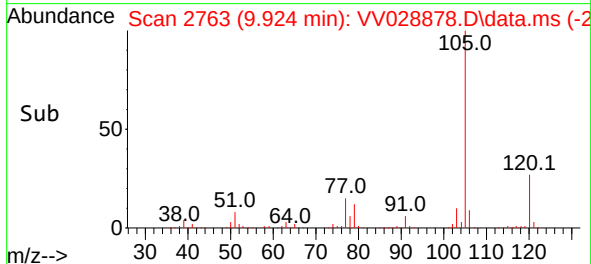
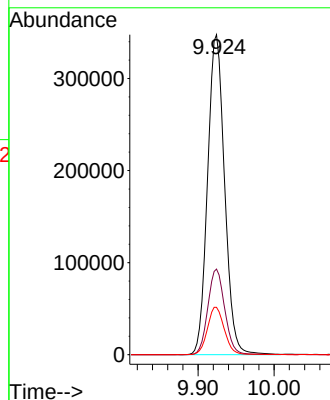
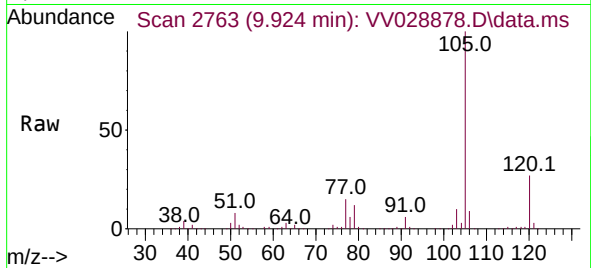




#60  
Isopropylbenzene  
Concen: 5.479 ug/L  
RT: 9.924 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

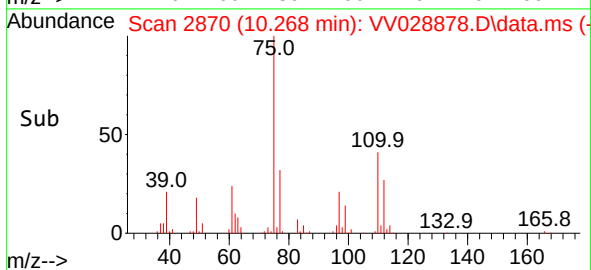
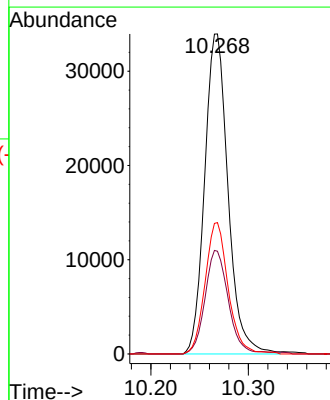
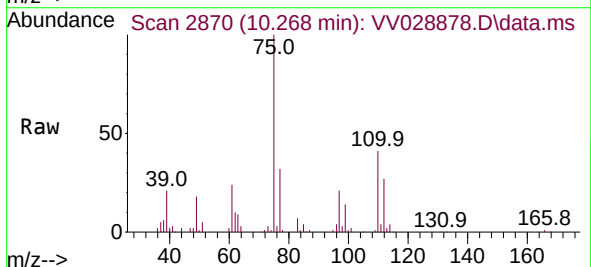
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

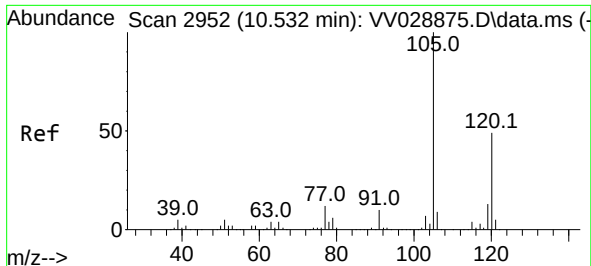
Tgt Ion:105 Resp: 540433  
Ion Ratio Lower Upper  
105 100  
120 26.6 21.3 31.9  
77 14.8 11.8 17.8



#61  
1,2,3-Trichloropropane  
Concen: 5.451 ug/L  
RT: 10.268 min Scan# 2870  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion: 75 Resp: 56605  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.2  
110 40.6 32.6 48.8

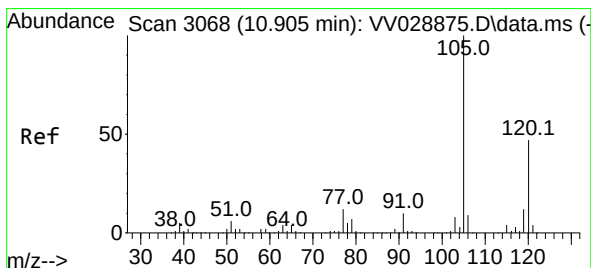
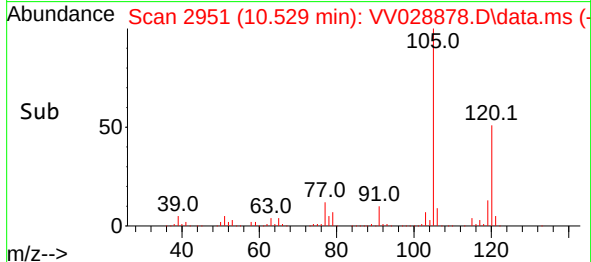
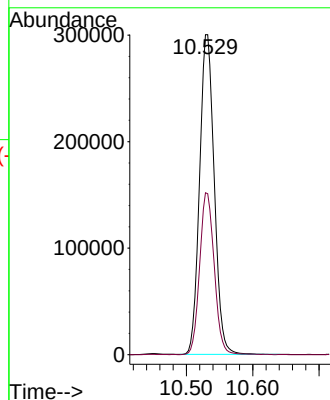
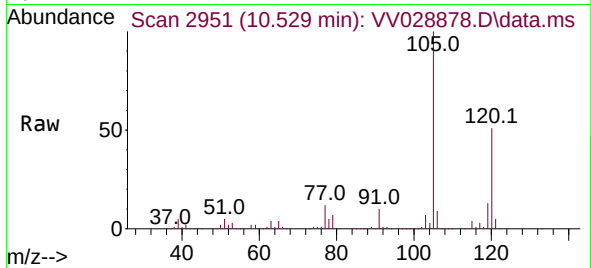




#62  
1,3,5-Trimethylbenzene  
Concen: 5.528 ug/L  
RT: 10.529 min Scan# 2951  
Delta R.T. -0.003 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

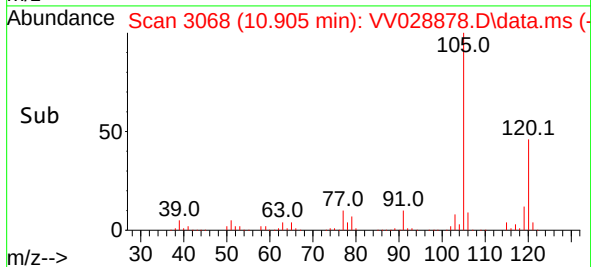
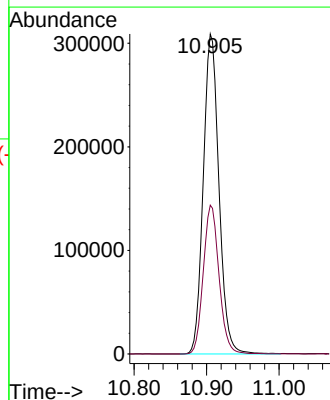
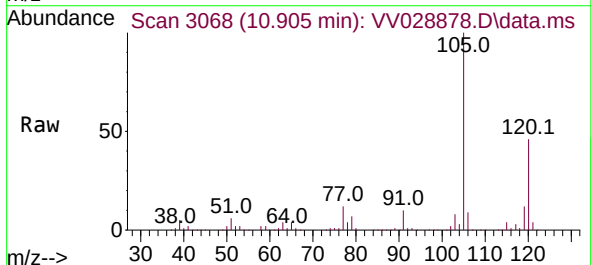
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

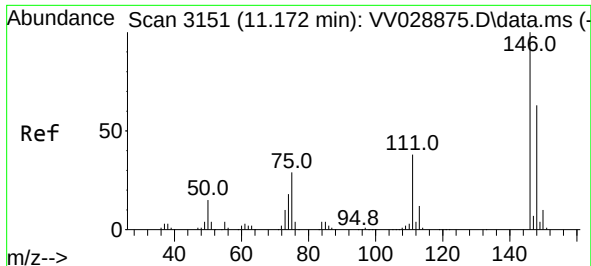
Tgt Ion:105 Resp: 461902  
Ion Ratio Lower Upper  
105 100  
120 50.4 39.9 59.9



#63  
1,2,4-Trimethylbenzene  
Concen: 5.546 ug/L  
RT: 10.905 min Scan# 3068  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion:105 Resp: 464178  
Ion Ratio Lower Upper  
105 100  
120 46.7 37.8 56.8

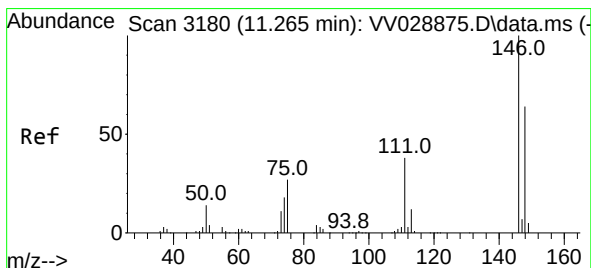
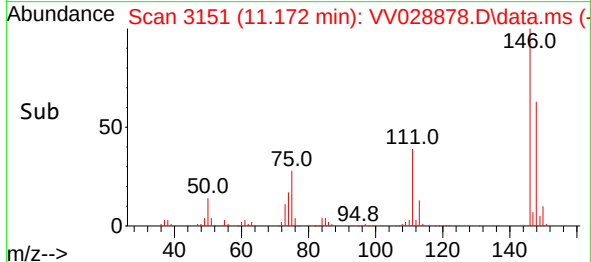
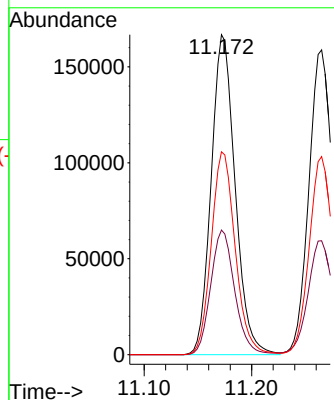
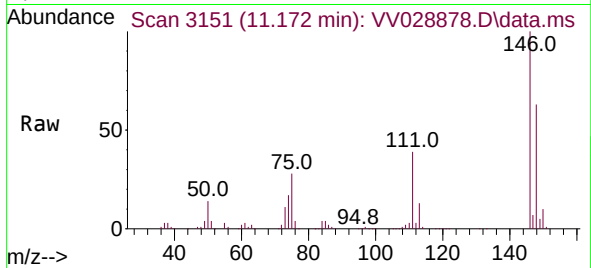




#64  
1,3-Dichlorobenzene  
Concen: 5.565 ug/L  
RT: 11.172 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

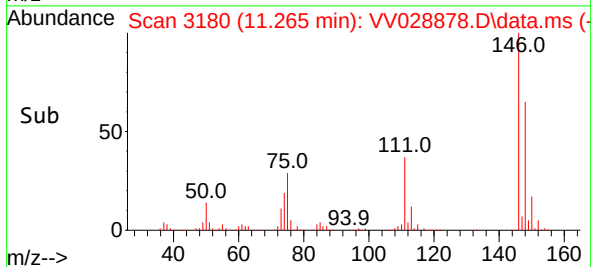
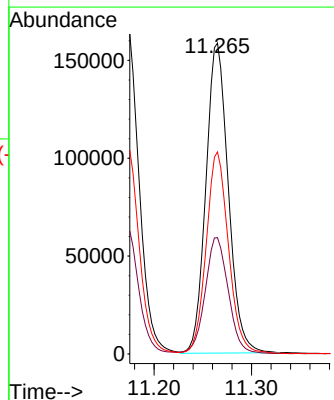
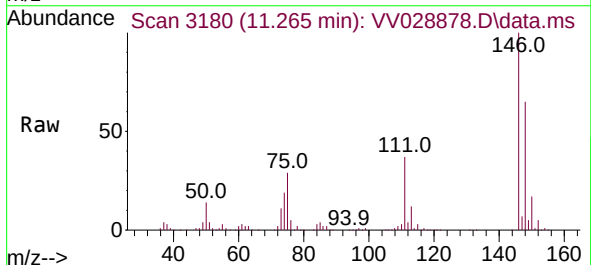
Instrument :  
MSVOA\_V  
ClientSampleId :  
VICV202

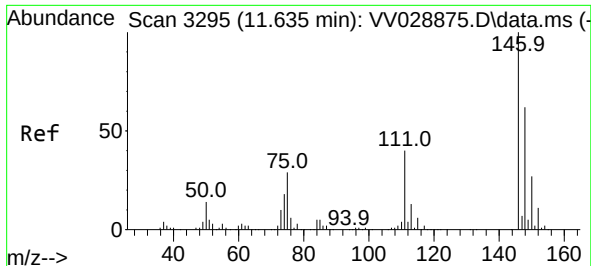
Tgt Ion:146 Resp: 257891  
Ion Ratio Lower Upper  
146 100  
111 39.0 26.9 50.1  
148 63.4 44.1 81.9



#65  
1,4-Dichlorobenzene  
Concen: 5.444 ug/L  
RT: 11.265 min Scan# 3180  
Delta R.T. 0.000 min  
Lab File: VV028878.D  
Acq: 11 Nov 2022 15:34

Tgt Ion:146 Resp: 253636  
Ion Ratio Lower Upper  
146 100  
111 37.4 26.5 49.3  
148 65.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.547 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

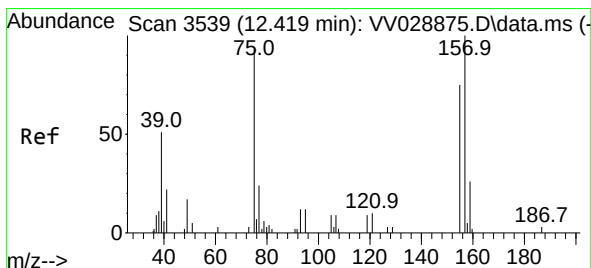
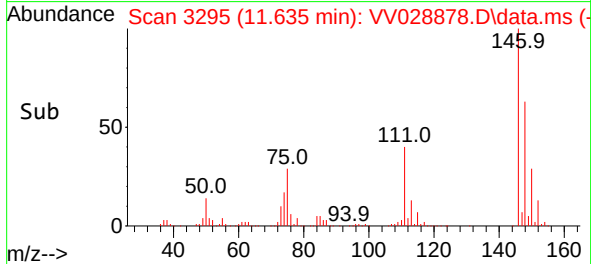
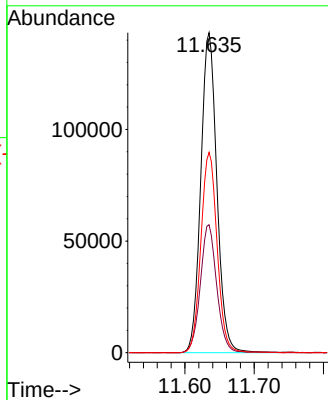
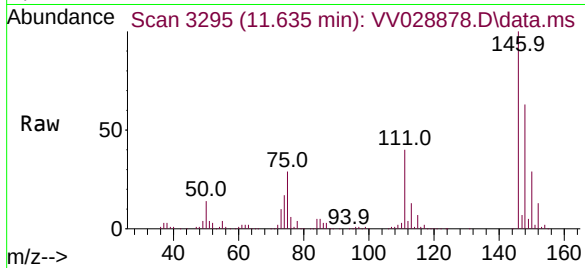
Tgt Ion:146 Resp: 230969

Ion Ratio Lower Upper

146 100

111 40.0 32.4 48.6

148 62.6 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.387 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

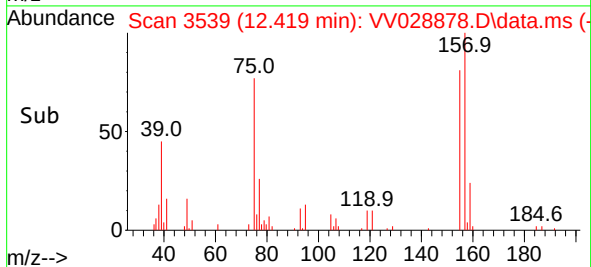
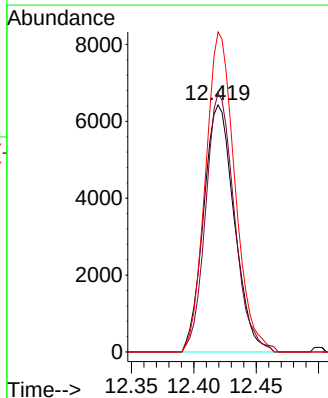
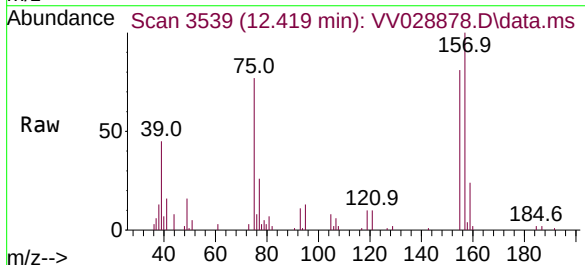
Tgt Ion: 75 Resp: 11006

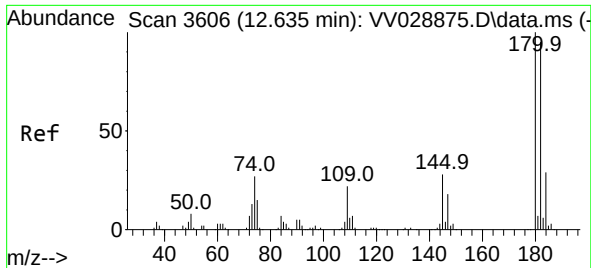
Ion Ratio Lower Upper

75 100

155 104.7 64.8 97.2#

157 129.5 86.3 129.5#

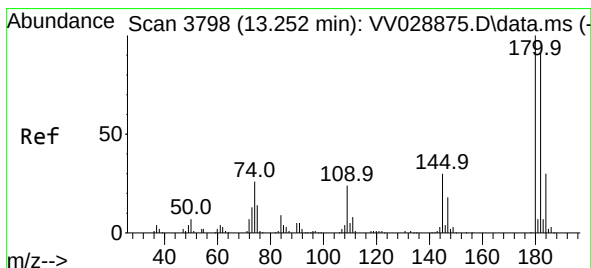
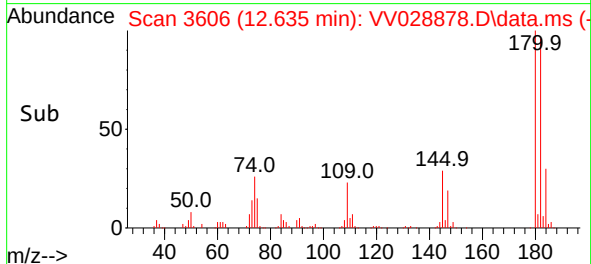
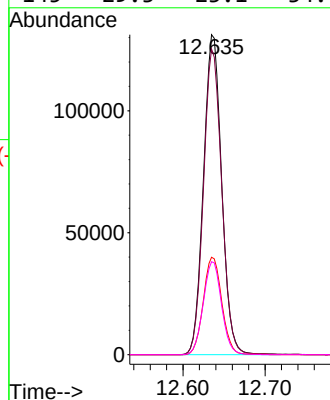
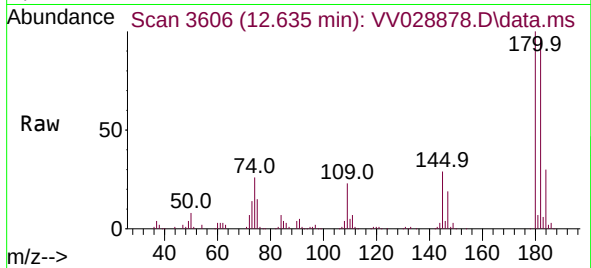




#69  
 1,3,5-Trichlorobenzene  
 Concen: 5.648 ug/L  
 RT: 12.635 min Scan# 3606  
 Delta R.T. 0.000 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

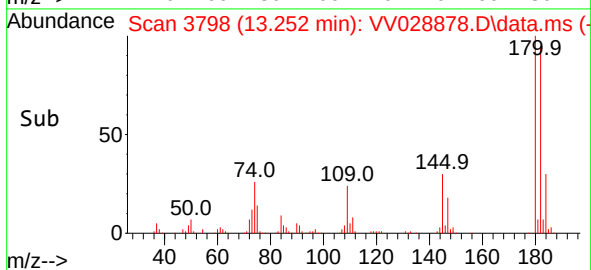
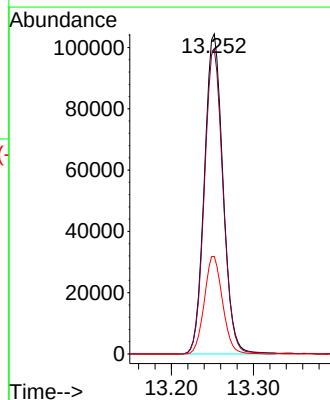
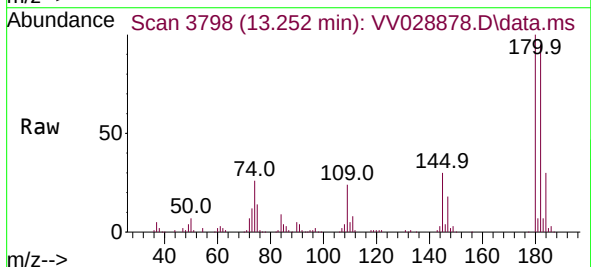
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

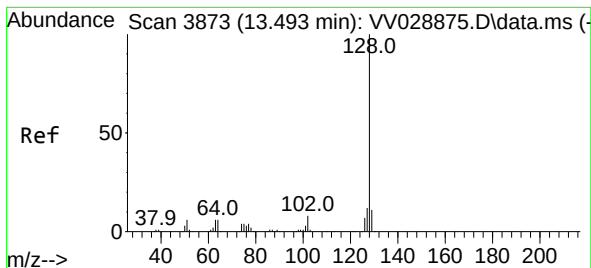
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 201955      |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 95.7  | 76.7 115.1  |
| 184         | 31.0  | 24.0 36.0   |
| 145         | 29.3  | 23.1 34.7   |



#70  
 1,2,4-trichlorobenzene  
 Concen: 6.095 ug/L  
 RT: 13.252 min Scan# 3798  
 Delta R.T. 0.000 min  
 Lab File: VV028878.D  
 Acq: 11 Nov 2022 15:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 164833      |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 95.5  | 74.3 111.5  |
| 145         | 29.8  | 23.7 35.5   |





#71

Naphthalene

Concen: 7.244 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Instrument :

MSVOA\_V

ClientSampleId :

VICV202

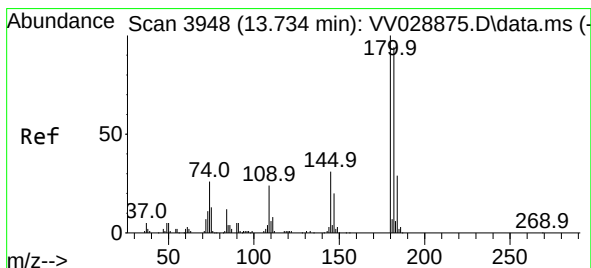
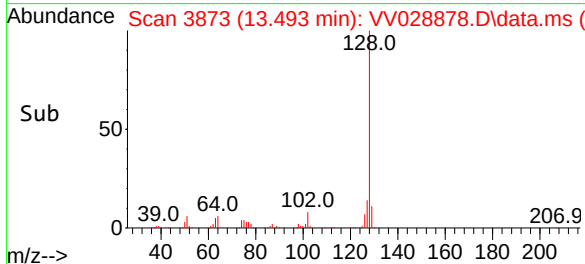
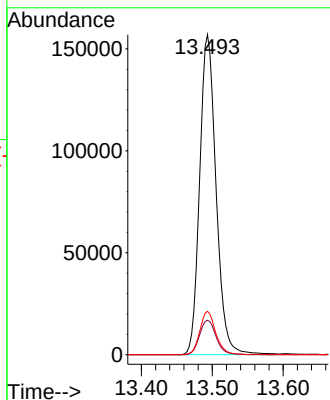
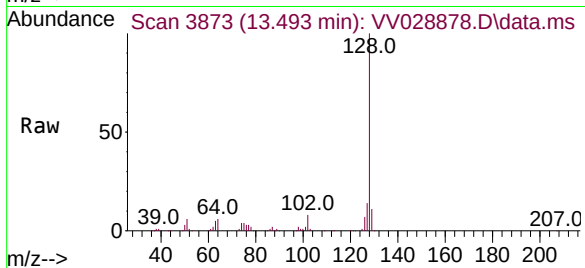
Tgt Ion:128 Resp: 252794

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.1 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 6.254 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028878.D

Acq: 11 Nov 2022 15:34

Tgt Ion:180 Resp: 143238

Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.2

145 31.3 24.9 37.3

