

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013023\  
 Data File : VW025253.D  
 Acq On : 30 Jan 2023 16:40  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 31 01:41:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jan 31 01:26:27 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 433858   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 383470   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 199158   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 107219   | 22.132   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.520%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 58254    | 18.707   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 259162   | 22.787   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 91.160%  |
| 21) 2-Butanone-d5             | 7.073  | 46    | 71574    | 54.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.240% |
| 24) Chloroform-d              | 7.646  | 84    | 272898   | 23.709   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 147843   | 23.980   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.920%  |
| 32) Benzene-d6                | 8.274  | 84    | 546099   | 24.015   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 158249   | 24.044   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.160%  |
| 41) Toluene-d8                | 10.323 | 98    | 500660   | 23.857   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 95.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 70740    | 24.408   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 97.640%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 58714    | 55.895   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 130668   | 25.773   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 103.080% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 163009   | 22.905   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.001  | 85    | 72825    | 25.463   | ug/L   | 98       |
| 3) Chloromethane              | 2.208  | 50    | 118018   | 23.399   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.355  | 62    | 145049   | 22.826   | ug/L   | 99       |
| 6) Bromomethane               | 2.775  | 94    | 70817    | 21.341   | ug/L   | 95       |
| 8) Chloroethane               | 2.909  | 64    | 50709    | 17.751   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.251  | 101   | 105702   | 21.838   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 154402   | 23.898   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.037  | 96    | 141166   | 23.306   | ug/L   | 97       |
| 13) Acetone                   | 4.117  | 43    | 78109    | 54.681   | ug/L   | 98       |
| 14) Carbon disulfide          | 4.379  | 76    | 462100   | 23.133   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.671  | 43    | 61780    | 26.119   | ug/L   | 99       |
| 16) Methylene chloride        | 4.909  | 84    | 158759   | 23.072   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.421  | 96    | 148773   | 23.564   | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 5.427  | 73    | 232293   | 25.508   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 268614   | 23.891   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 160109   | 24.257   | ug/L   | 99       |
| 22) 2-Butanone                | 7.171  | 43    | 95673    | 54.905   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.512  | 128   | 67888    | 23.903   | ug/L   | 93       |
| 25) Chloroform                | 7.677  | 83    | 275623   | 24.006   | ug/L   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013023\  
 Data File : VW025253.D  
 Acq On : 30 Jan 2023 16:40  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 31 01:41:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jan 31 01:26:27 2023  
 Response via : Initial Calibration

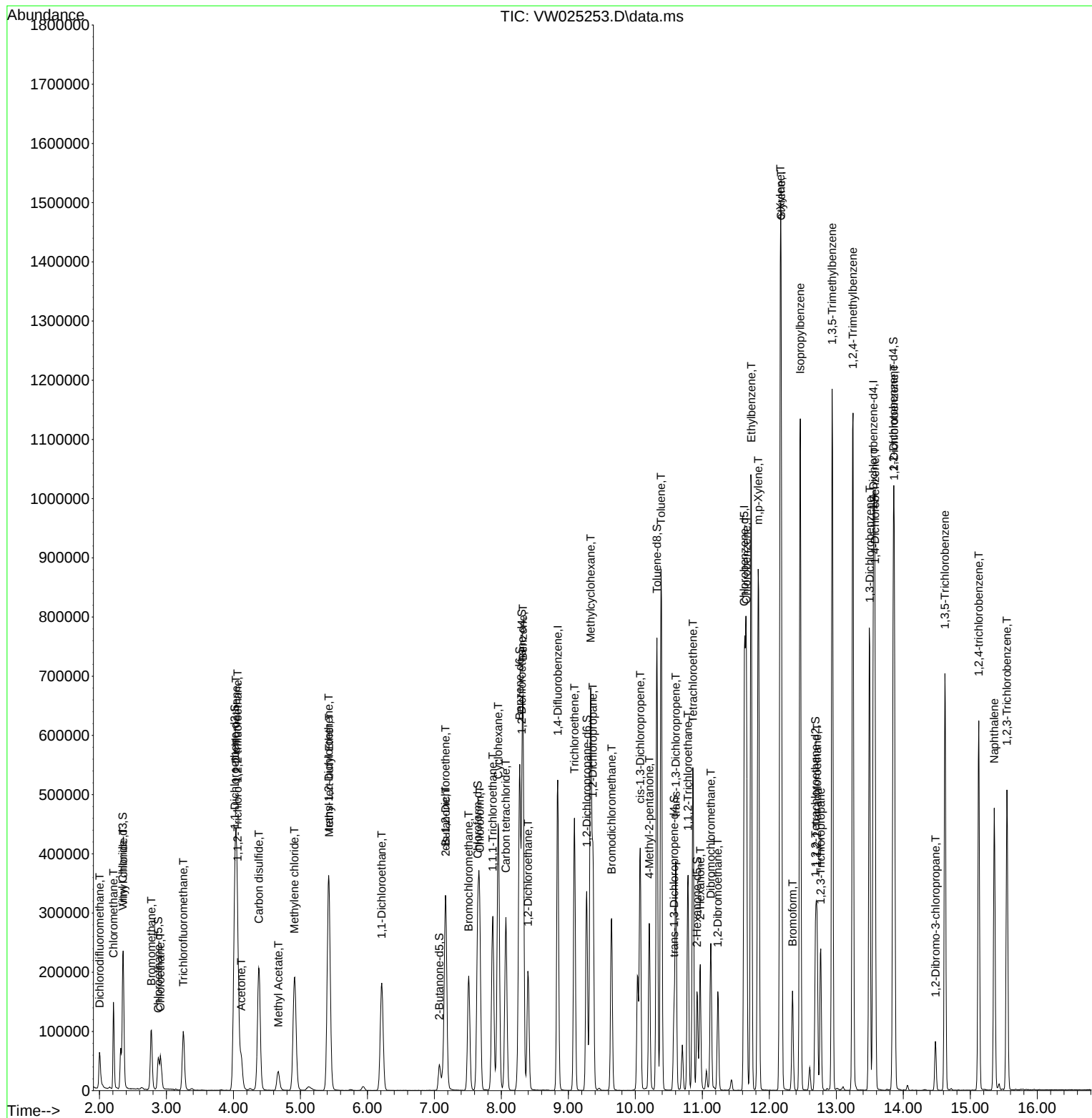
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 188373   | 24.691 | ug/L  | 98       |
| 29) Cyclohexane               | 7.951  | 56   | 257174   | 24.461 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 237061   | 23.810 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 8.067  | 117  | 215320   | 22.991 | ug/L  | 97       |
| 33) Benzene                   | 8.323  | 78   | 598810   | 23.795 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 162842   | 23.754 | ug/L  | 98       |
| 35) Methylcyclohexane         | 9.335  | 83   | 286924   | 24.080 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 148132   | 24.406 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 200065   | 24.619 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 249565   | 25.005 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 174704   | 55.066 | ug/L  | 99       |
| 42) Toluene                   | 10.384 | 91   | 645324   | 24.264 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 210555   | 25.136 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 113960   | 24.966 | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.859 | 164  | 120436   | 23.845 | ug/L  | 91       |
| 48) 2-Hexanone                | 10.969 | 43   | 126485   | 52.583 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.127 | 129  | 129404   | 24.888 | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 108553   | 24.690 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 408560   | 23.995 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 747408   | 24.209 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 286236   | 24.396 | ug/L  | 93       |
| 54) o-Xylene                  | 12.164 | 106  | 269437   | 24.462 | ug/L  | 98       |
| 55) Styrene                   | 12.176 | 104  | 460397   | 24.823 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 137135   | 26.015 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 72922    | 22.153 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 744941   | 21.354 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.767 | 75   | 100392   | 22.902 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 637480   | 23.125 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 633505   | 23.485 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 313542   | 22.350 | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 312639   | 22.429 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 276183   | 23.456 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 22146    | 21.493 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 201750   | 21.795 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 177117   | 23.876 | ug/L  | 94       |
| 71) Naphthalene               | 15.358 | 128  | 396347   | 26.462 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.547 | 180  | 161029   | 24.026 | ug/L  | 96       |

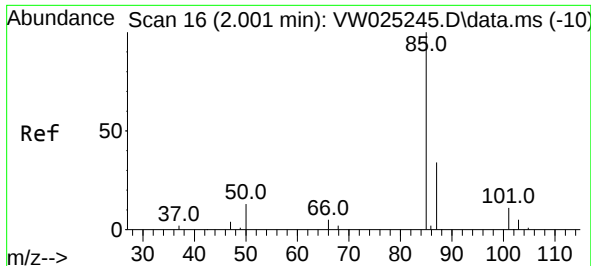
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013023\  
 Data File : VW025253.D  
 Acq On : 30 Jan 2023 16:40  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 31 01:41:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jan 31 01:26:27 2023  
 Response via : Initial Calibration

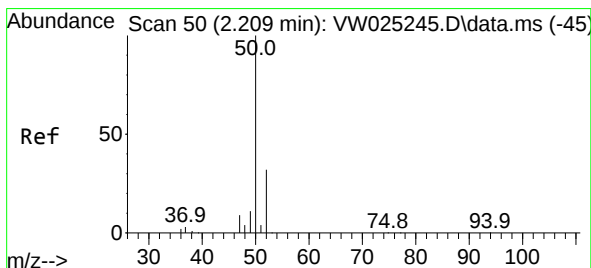
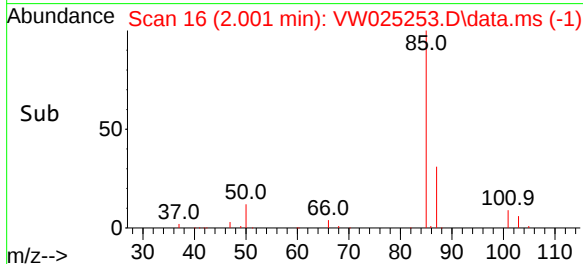
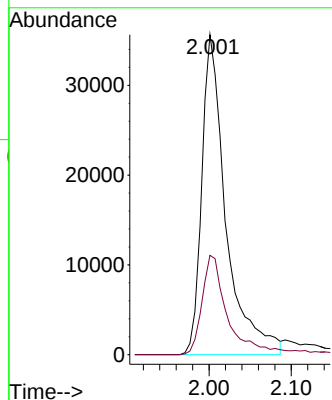
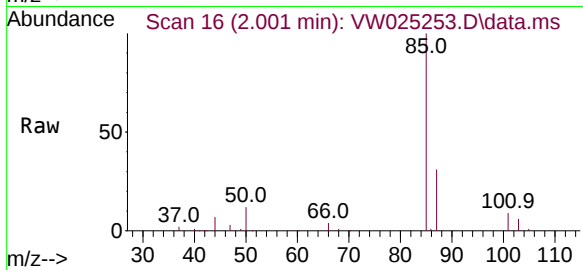




#2  
 Dichlorodifluoromethane  
 Concen: 25.463 ug/L  
 RT: 2.001 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

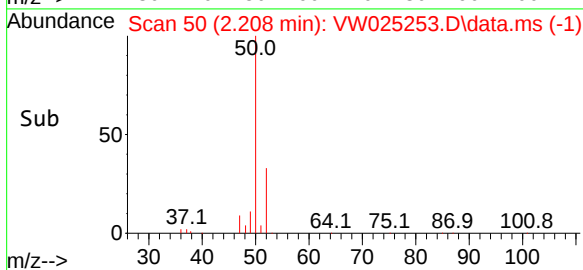
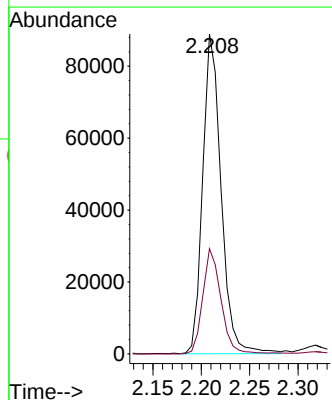
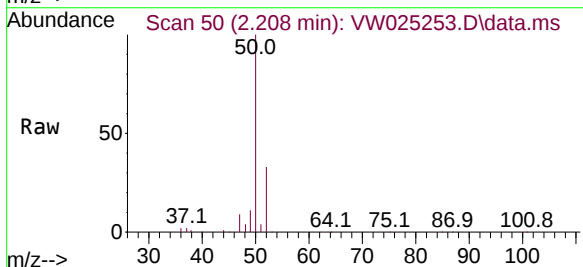
Instrument :  
 MSVOA\_W  
 ClientSampleId :

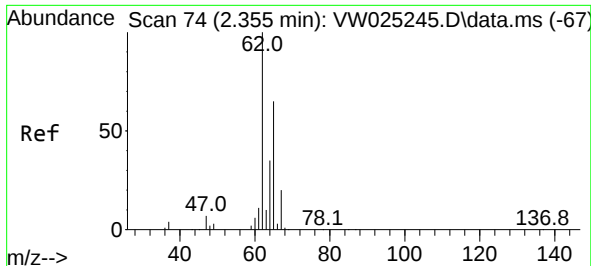
Tgt Ion: 85 Resp: 72825  
 Ion Ratio Lower Upper  
 85 100  
 87 31.6 24.6 37.0



#3  
 Chloromethane  
 Concen: 23.399 ug/L  
 RT: 2.208 min Scan# 50  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

Tgt Ion: 50 Resp: 118018  
 Ion Ratio Lower Upper  
 50 100  
 52 32.9 22.3 41.3

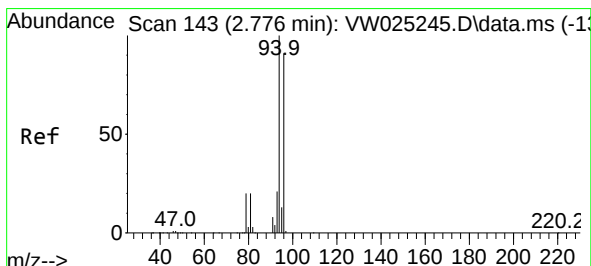
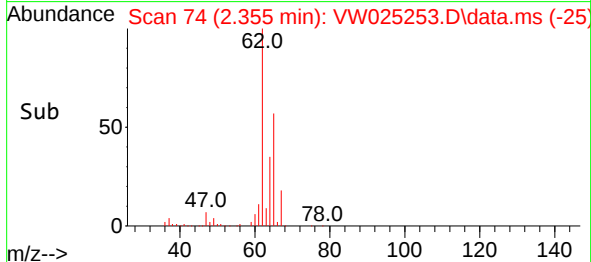
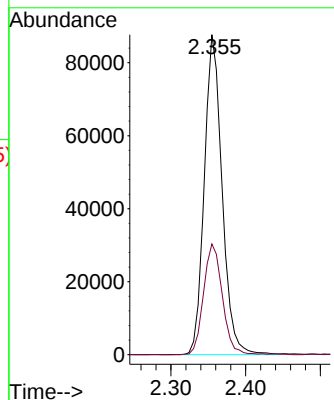
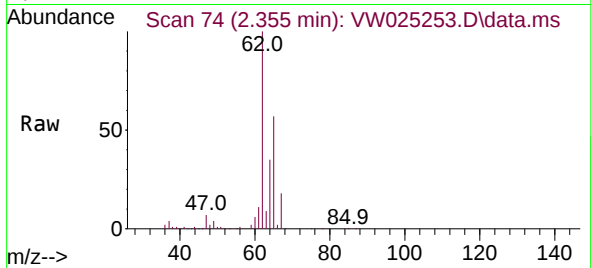




#5  
 Vinyl chloride  
 Concen: 22.826 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

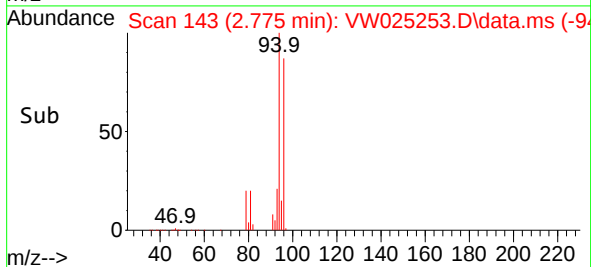
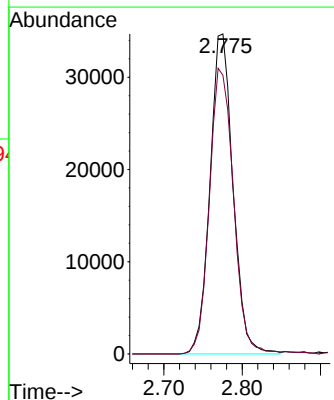
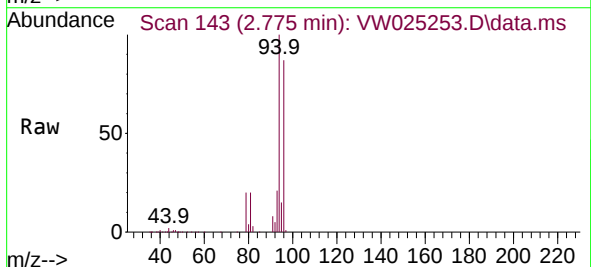
Instrument :  
 MSVOA\_W  
 ClientSampleId :

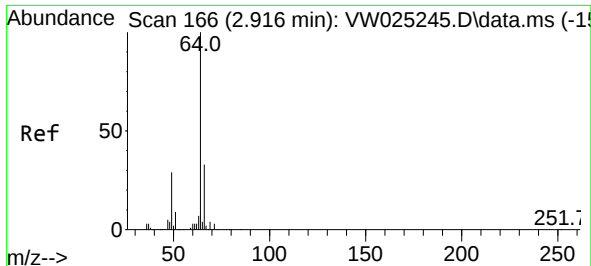
Tgt Ion: 62 Resp: 145049  
 Ion Ratio Lower Upper  
 62 100  
 64 34.6 24.7 45.9



#6  
 Bromomethane  
 Concen: 21.341 ug/L  
 RT: 2.775 min Scan# 143  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

Tgt Ion: 94 Resp: 70817  
 Ion Ratio Lower Upper  
 94 100  
 96 87.1 64.0 118.8





#8

Chloroethane

Concen: 17.751 ug/L

RT: 2.909 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

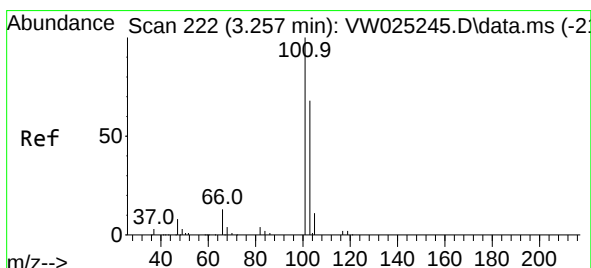
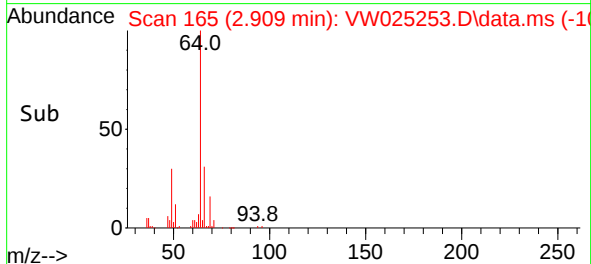
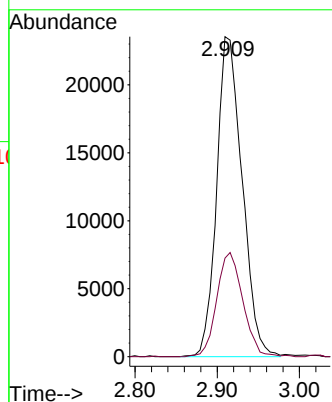
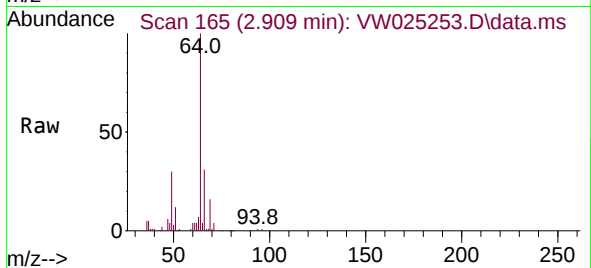
ClientSampleId :

Tgt Ion: 64 Resp: 50709

Ion Ratio Lower Upper

64 100

66 30.8 23.0 42.8



#9

Trichlorofluoromethane

Concen: 21.838 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW025253.D

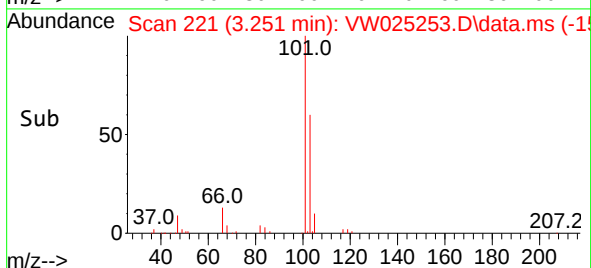
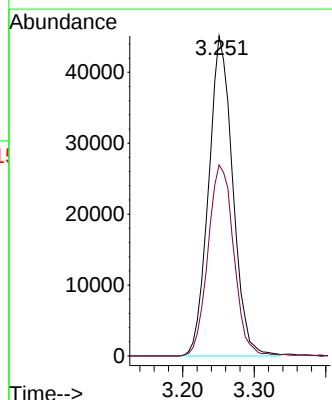
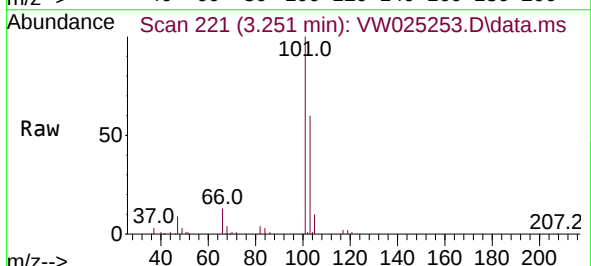
Acq: 30 Jan 2023 16:40

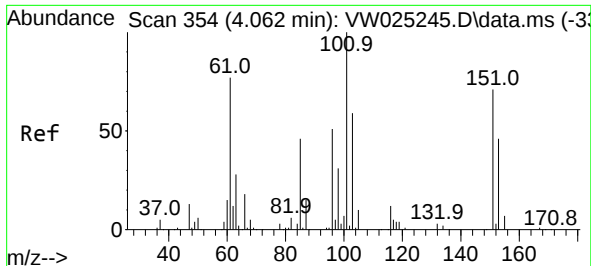
Tgt Ion:101 Resp: 105702

Ion Ratio Lower Upper

101 100

103 63.3 51.4 77.2

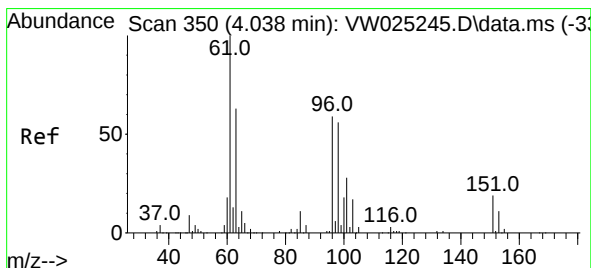
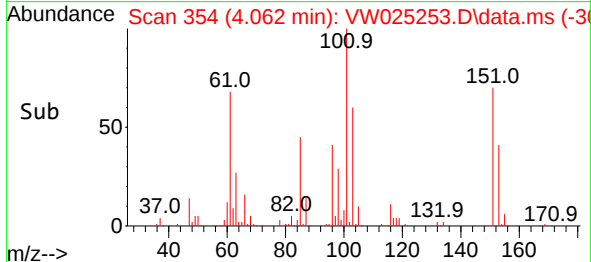
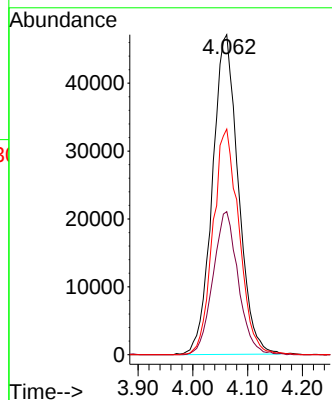
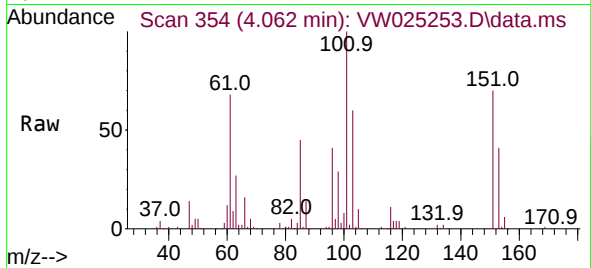




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 23.898 ug/L  
 RT: 4.062 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

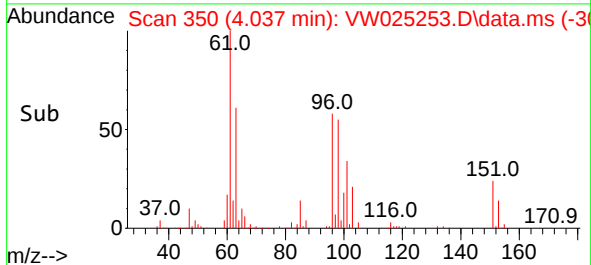
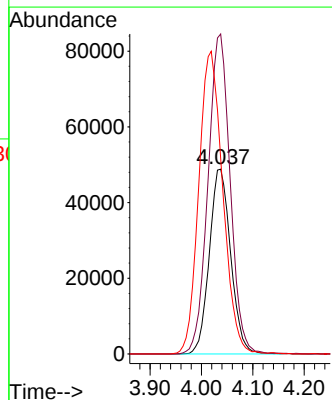
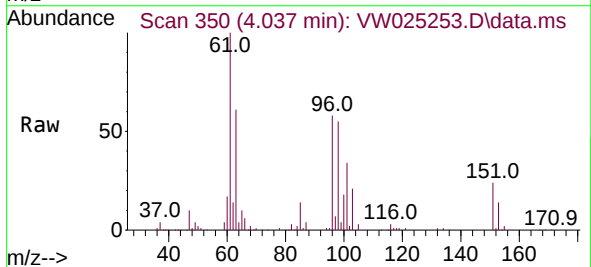
Instrument :  
 MSVOA\_W  
 ClientSampleId :

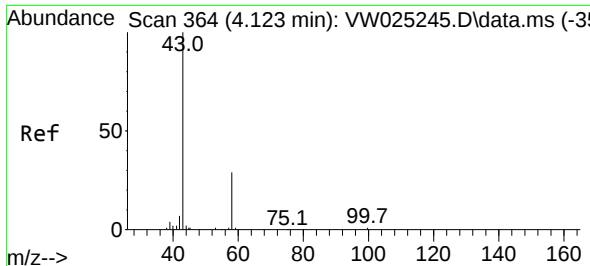
Tgt Ion:101 Resp: 154402  
 Ion Ratio Lower Upper  
 101 100  
 85 43.4 35.7 53.5  
 151 70.8 56.4 84.6



#12  
 1,1-Dichloroethene  
 Concen: 23.306 ug/L  
 RT: 4.037 min Scan# 350  
 Delta R.T. -0.000 min  
 Lab File: VW025253.D  
 Acq: 30 Jan 2023 16:40

Tgt Ion: 96 Resp: 141166  
 Ion Ratio Lower Upper  
 96 100  
 61 173.1 119.1 221.3  
 63 105.8 76.4 141.8

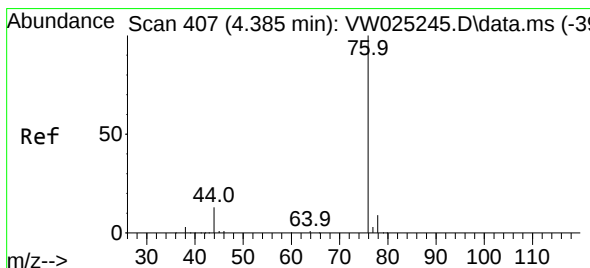
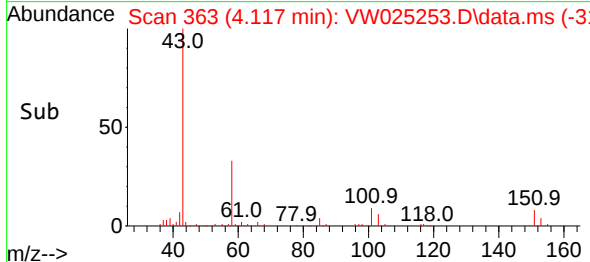
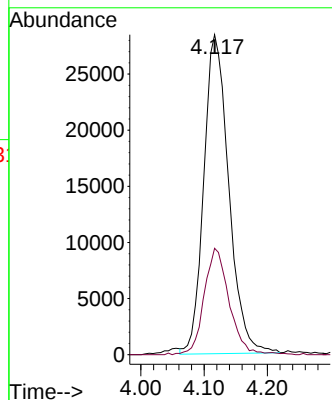
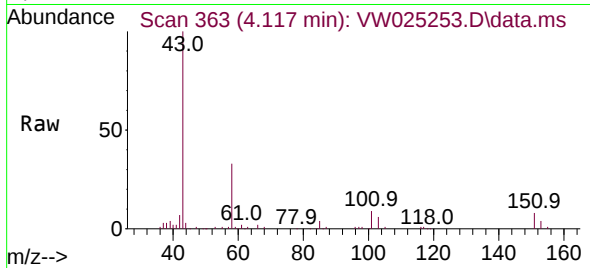




#13  
Acetone  
Concen: 54.681 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

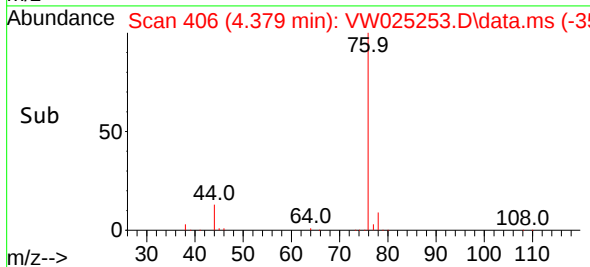
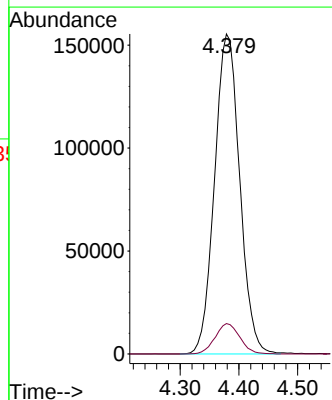
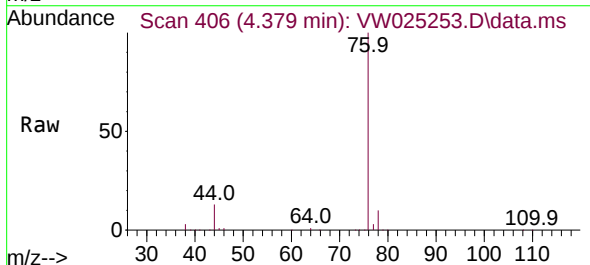
Instrument :  
MSVOA\_W  
ClientSampleId :

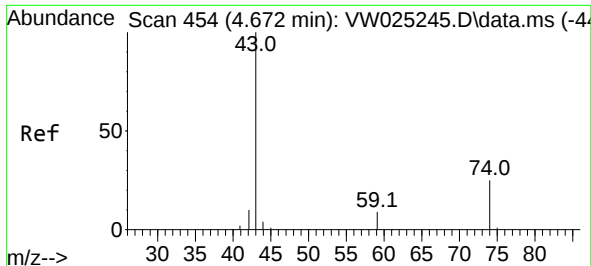
Tgt Ion: 43 Resp: 78109  
Ion Ratio Lower Upper  
43 100  
58 33.1 0.0 63.6



#14  
Carbon disulfide  
Concen: 23.133 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 76 Resp: 462100  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.1 10.7

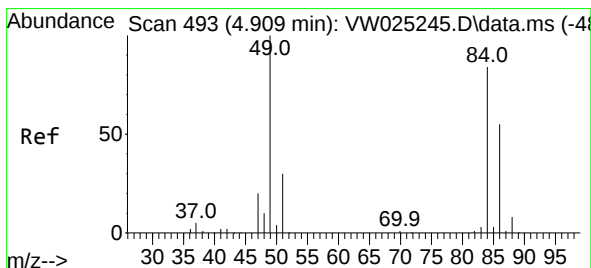
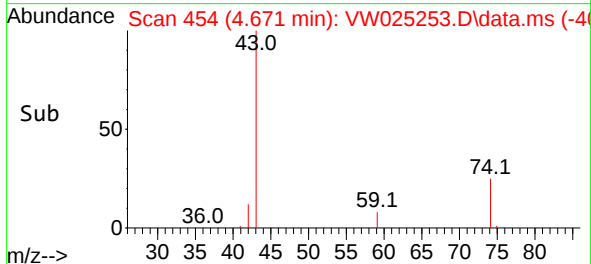
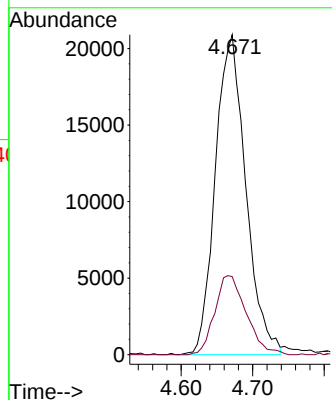
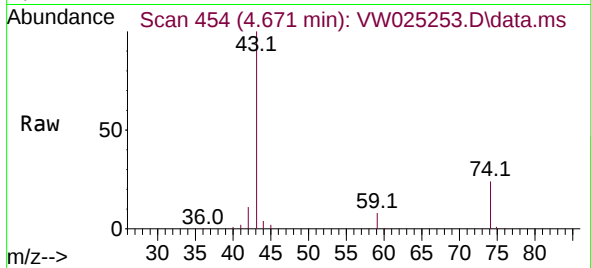




#15  
Methyl Acetate  
Concen: 26.119 ug/L  
RT: 4.671 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

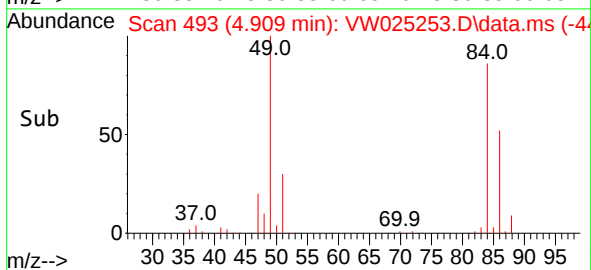
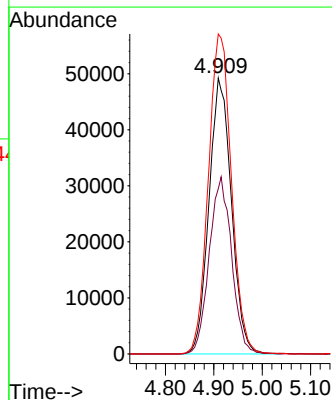
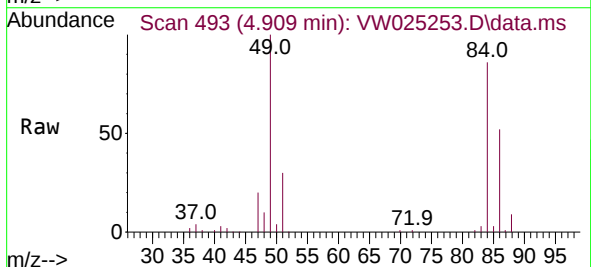
Instrument :  
MSVOA\_W  
ClientSampleId :

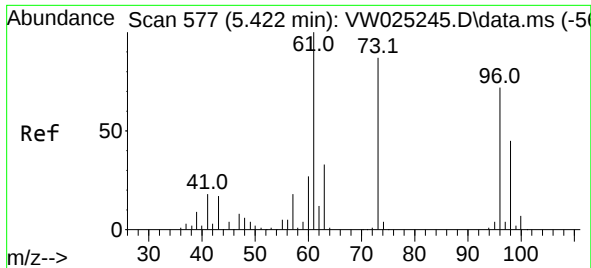
Tgt Ion: 43 Resp: 61780  
Ion Ratio Lower Upper  
43 100  
74 25.5 20.0 30.0



#16  
Methylene chloride  
Concen: 23.072 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 84 Resp: 158759  
Ion Ratio Lower Upper  
84 100  
86 59.8 45.5 84.5  
49 115.9 83.1 154.3

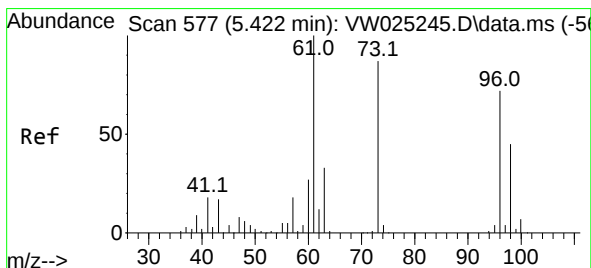
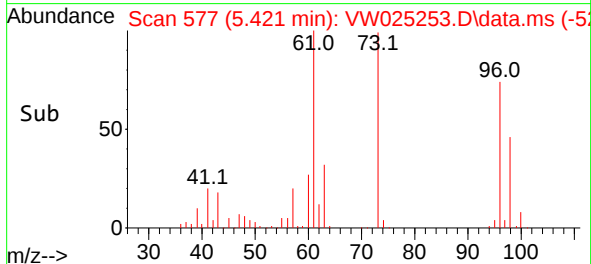
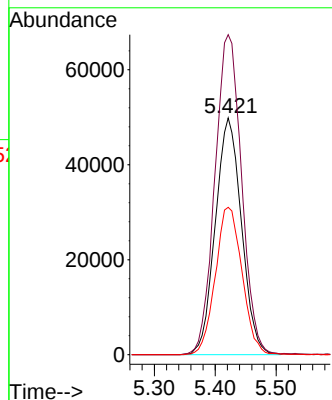
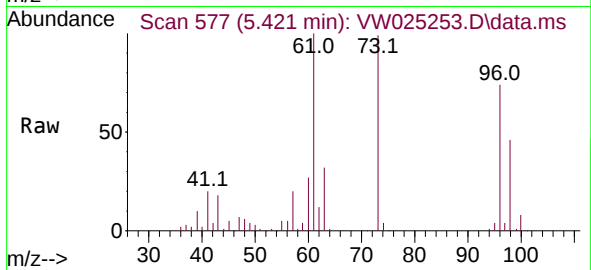




#17  
trans-1,2-Dichloroethene  
Concen: 23.564 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

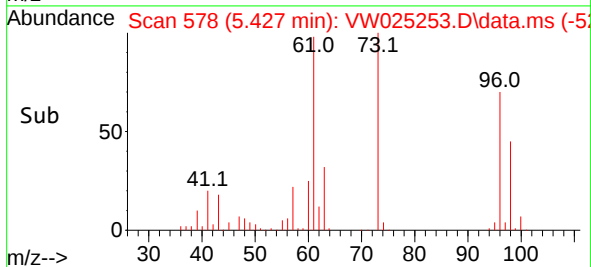
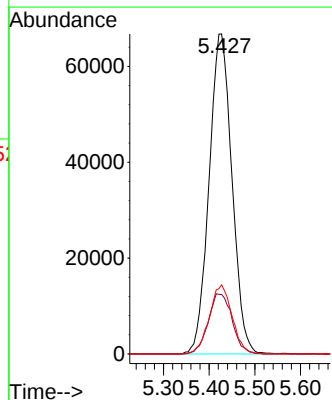
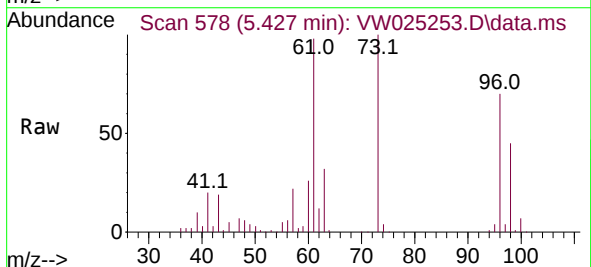
Instrument :  
MSVOA\_W  
ClientSampleId :

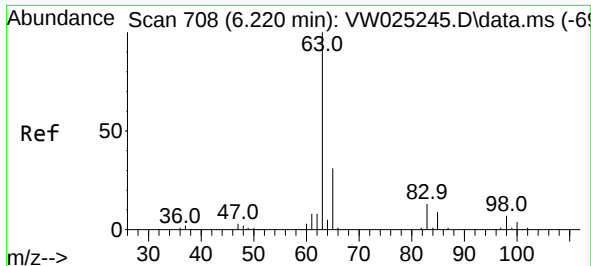
Tgt Ion: 96 Resp: 148773  
Ion Ratio Lower Upper  
96 100  
61 135.1 96.6 179.4  
98 62.2 43.1 80.1



#18  
Methyl tert-butyl Ether  
Concen: 25.508 ug/L  
RT: 5.427 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 73 Resp: 232293  
Ion Ratio Lower Upper  
73 100  
43 19.6 16.0 24.0  
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 23.891 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

ClientSampleId :

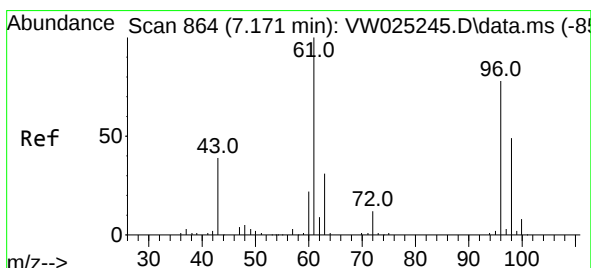
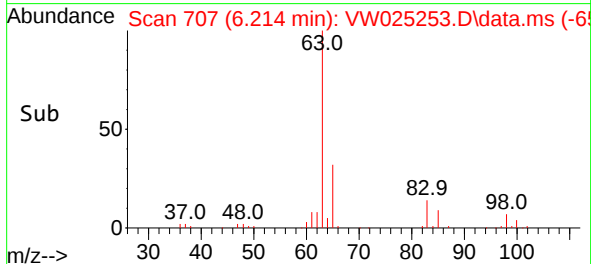
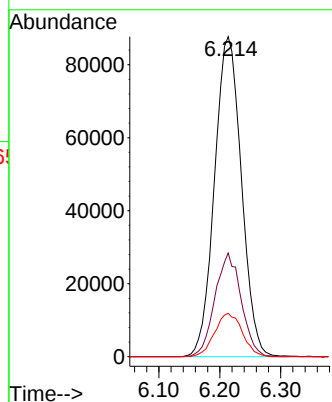
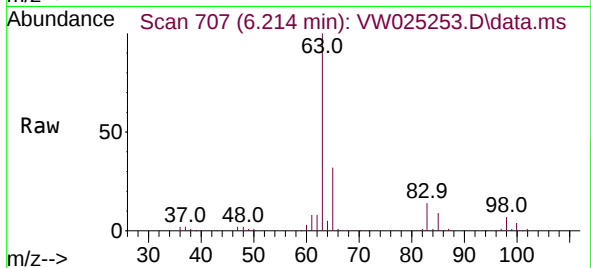
Tgt Ion: 63 Resp: 268614

Ion Ratio Lower Upper

63 100

65 32.4 21.8 40.4

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.257 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

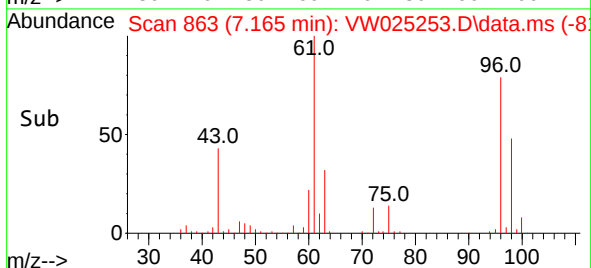
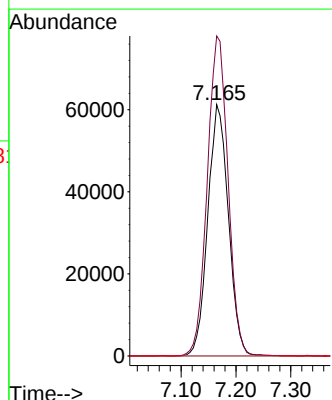
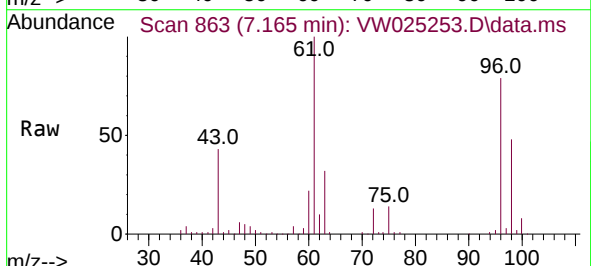
Tgt Ion: 96 Resp: 160109

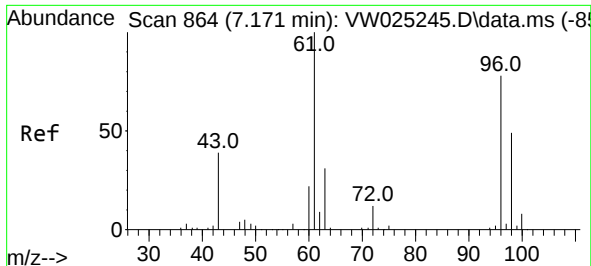
Ion Ratio Lower Upper

96 100

61 127.3 90.2 167.4

68 0.0 0.0 0.0

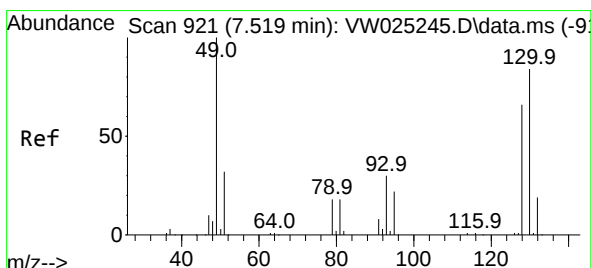
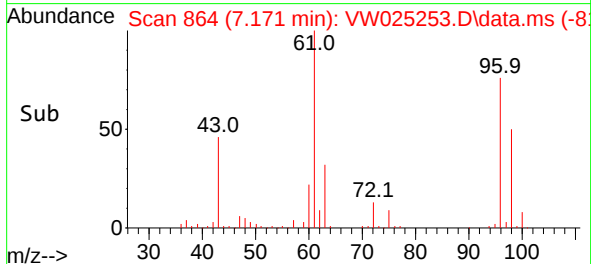
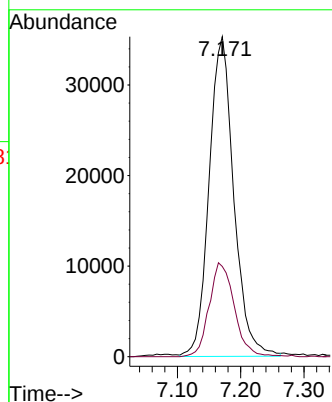
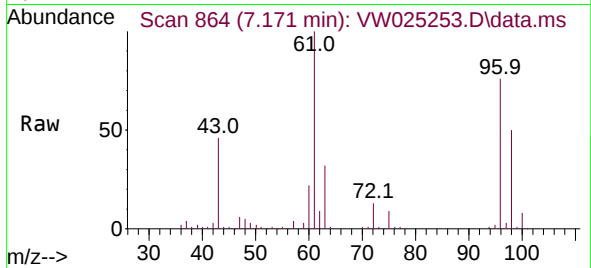




#22  
2-Butanone  
Concen: 54.905 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

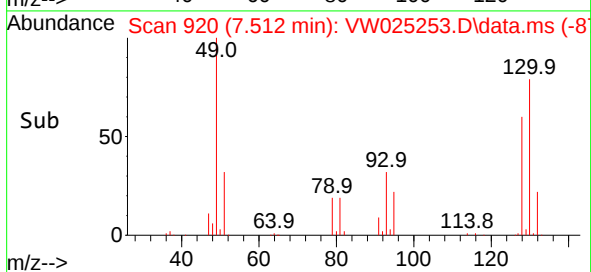
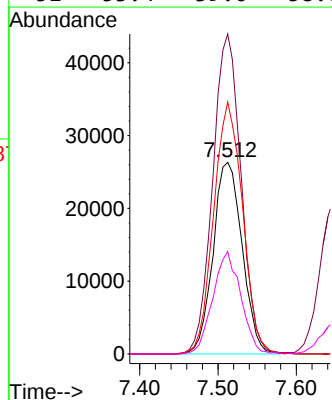
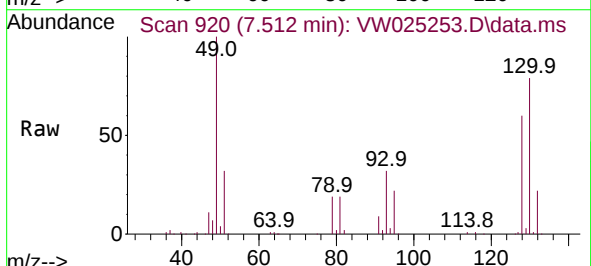
Instrument :  
MSVOA\_W  
ClientSampleId :

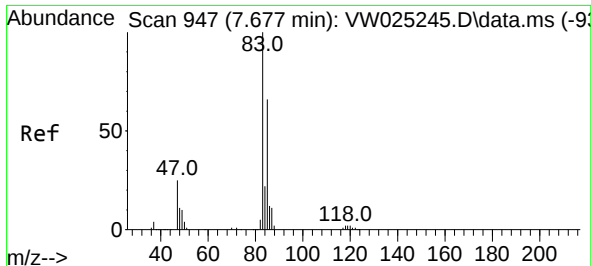
Tgt Ion: 43 Resp: 95673  
Ion Ratio Lower Upper  
43 100  
72 29.9 14.4 43.2



#23  
Bromochloromethane  
Concen: 23.903 ug/L  
RT: 7.512 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 128 Resp: 67888  
Ion Ratio Lower Upper  
128 100  
49 167.0 107.0 198.6  
130 131.5 89.7 166.5  
51 53.4 39.0 58.6

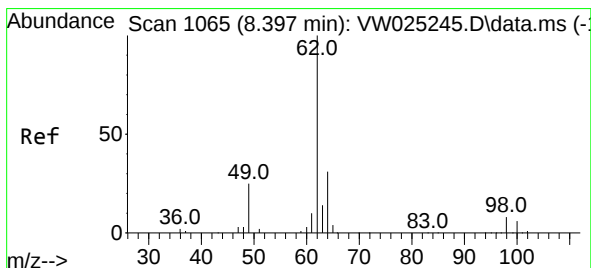
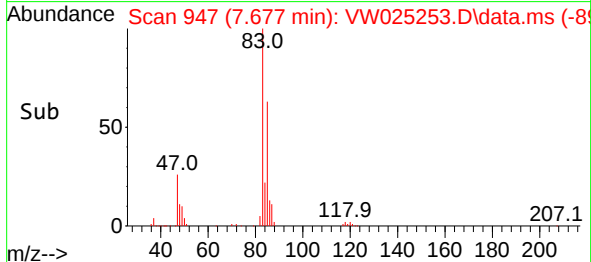
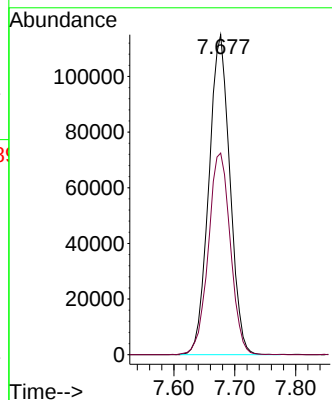
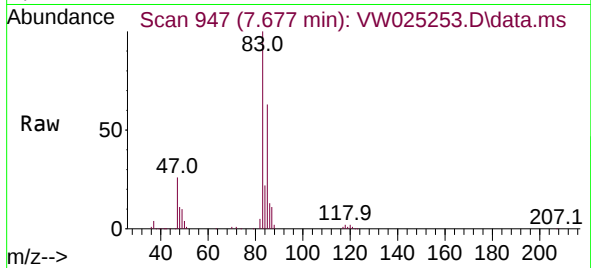




#25  
Chloroform  
Concen: 24.006 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

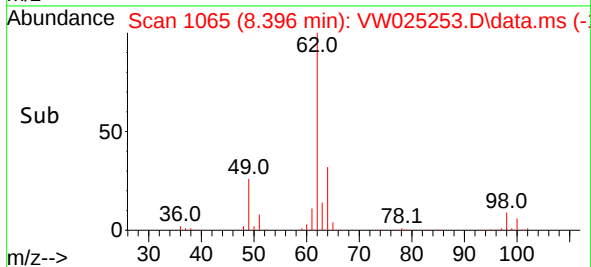
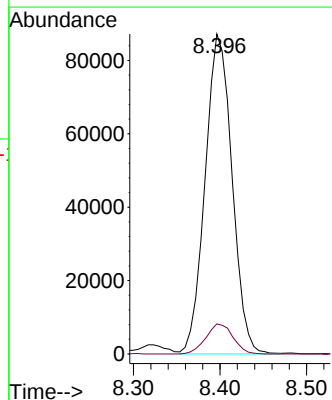
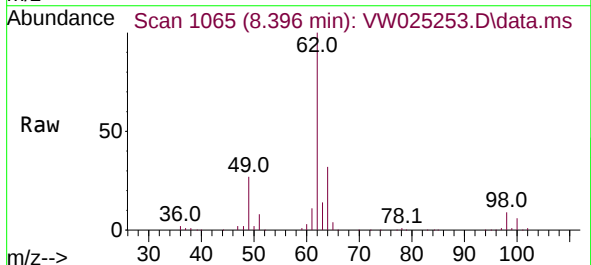
Instrument :  
MSVOA\_W  
ClientSampleId :

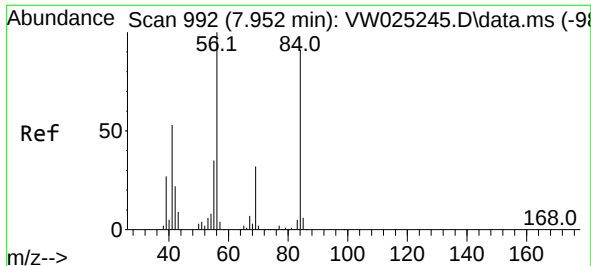
Tgt Ion: 83 Resp: 275623  
Ion Ratio Lower Upper  
83 100  
85 63.0 46.1 85.7



#27  
1,2-Dichloroethane  
Concen: 24.691 ug/L  
RT: 8.396 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

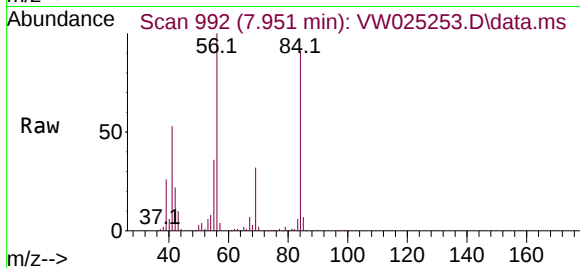
Tgt Ion: 62 Resp: 188373  
Ion Ratio Lower Upper  
62 100  
98 9.4 6.8 10.2



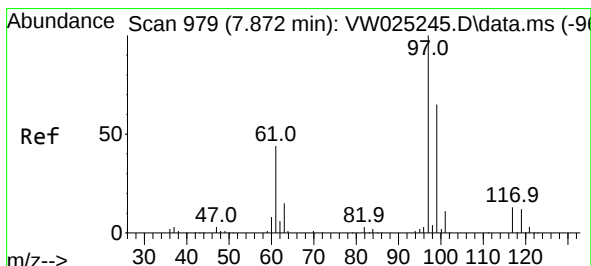
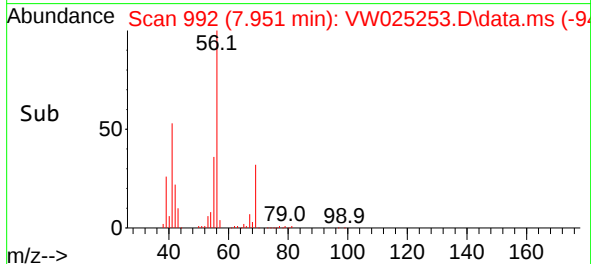
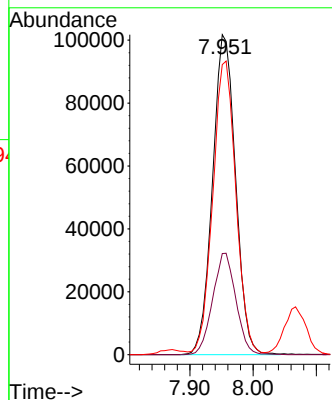


#29  
Cyclohexane  
Concen: 24.461 ug/L  
RT: 7.951 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Instrument :  
MSVOA\_W  
ClientSampleId :

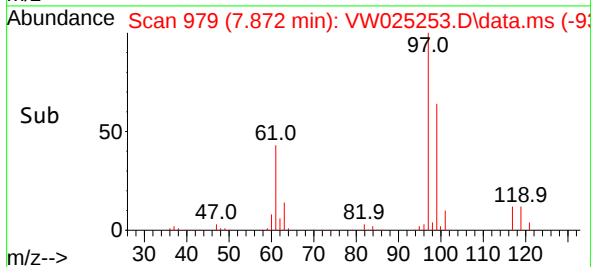
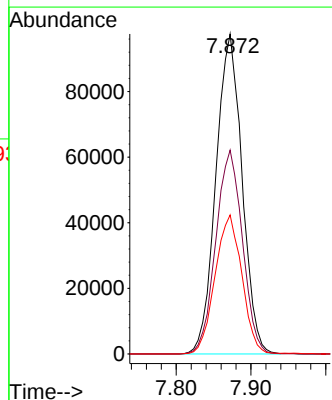
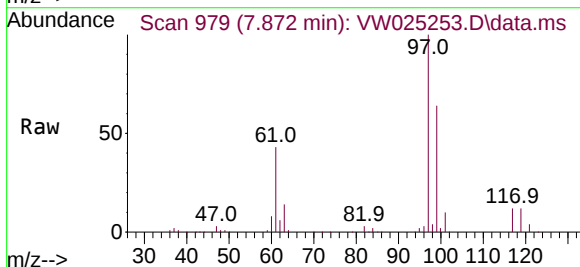


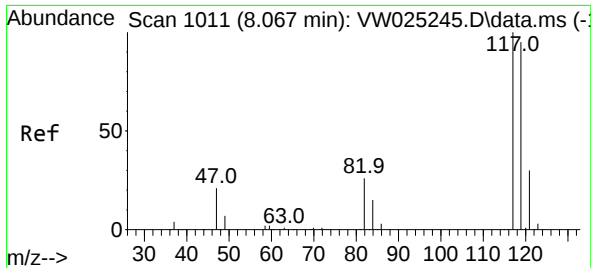
Tgt Ion: 56 Resp: 257174  
Ion Ratio Lower Upper  
56 100  
69 31.8 25.6 38.4  
84 92.2 73.5 110.3



#30  
1,1,1-Trichloroethane  
Concen: 23.810 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 97 Resp: 237061  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.3 78.5  
61 44.5 35.6 53.4

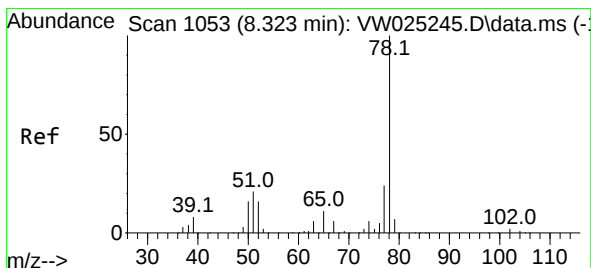
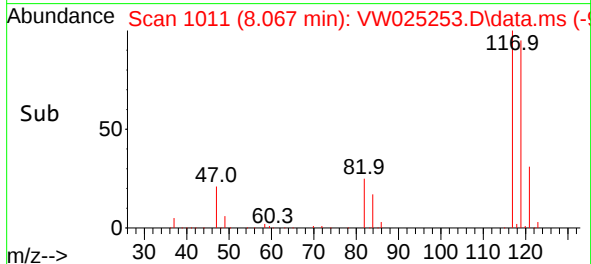
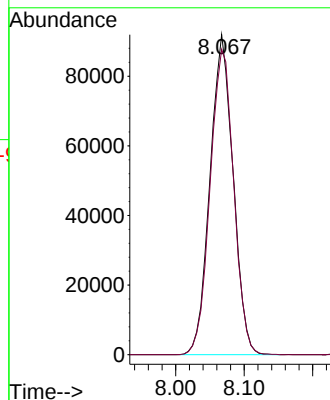
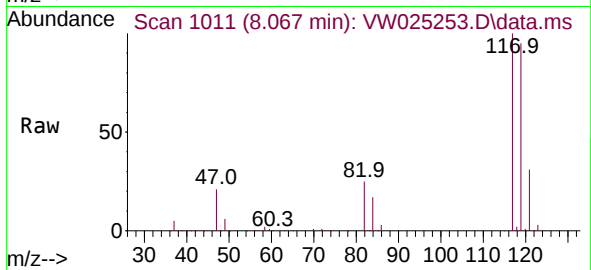




#31  
Carbon tetrachloride  
Concen: 22.991 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

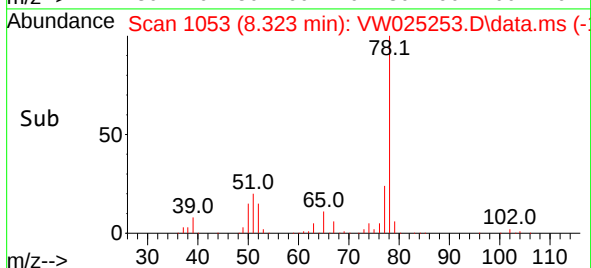
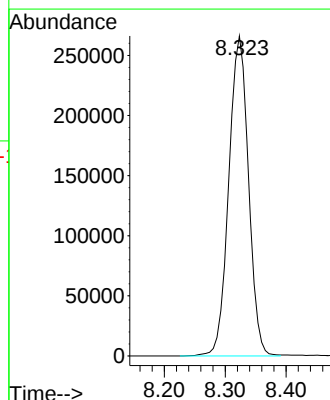
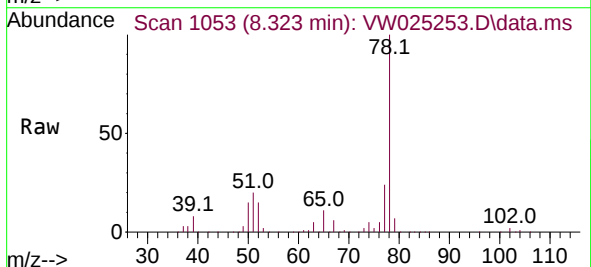
Instrument :  
MSVOA\_W  
ClientSampleId :

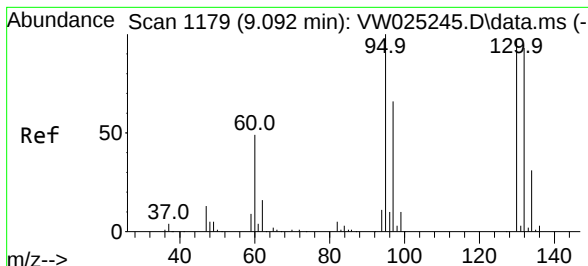
Tgt Ion:117 Resp: 215320  
Ion Ratio Lower Upper  
117 100  
119 97.5 75.6 113.4



#33  
Benzene  
Concen: 23.795 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 78 Resp: 598810





#34

Trichloroethene

Concen: 23.754 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 95 Resp: 162842

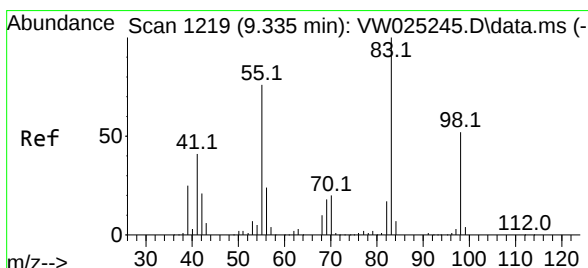
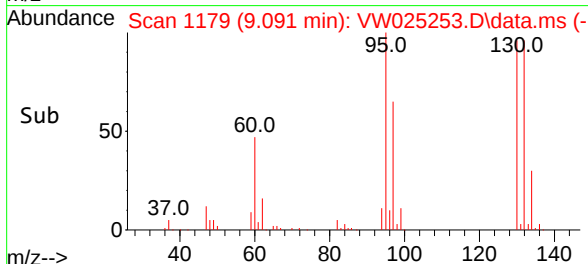
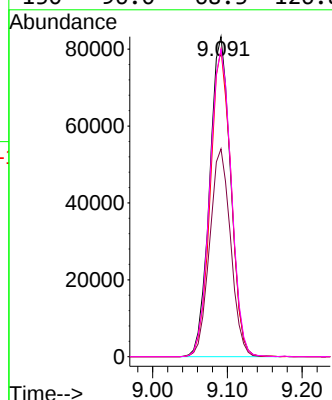
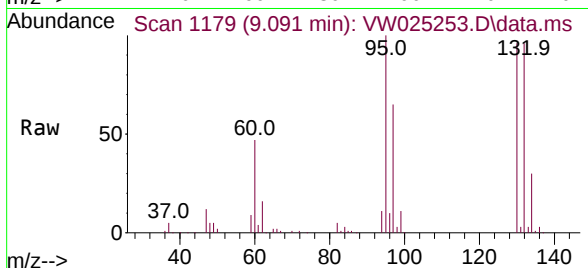
Ion Ratio Lower Upper

95 100

97 65.0 46.5 86.3

132 95.9 65.4 121.4

130 96.0 68.3 126.8



#35

Methylcyclohexane

Concen: 24.080 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

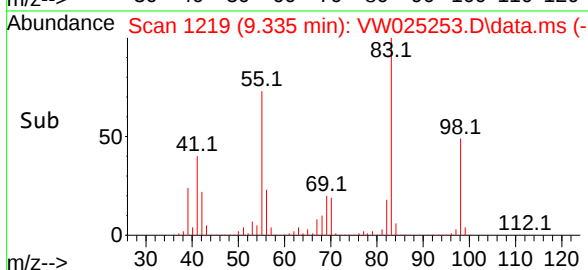
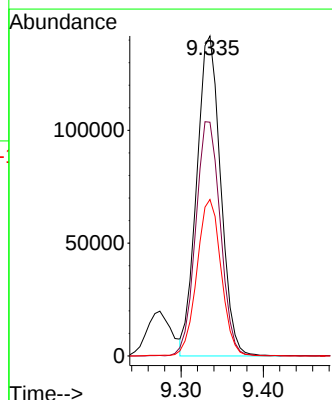
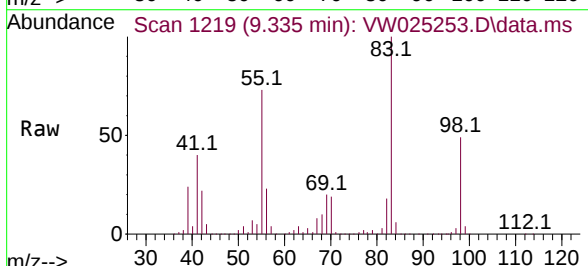
Tgt Ion: 83 Resp: 286924

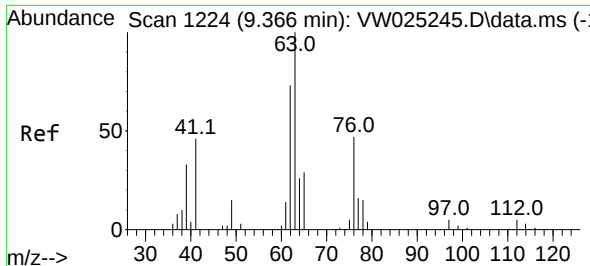
Ion Ratio Lower Upper

83 100

55 75.2 60.3 90.5

98 49.5 40.0 60.0

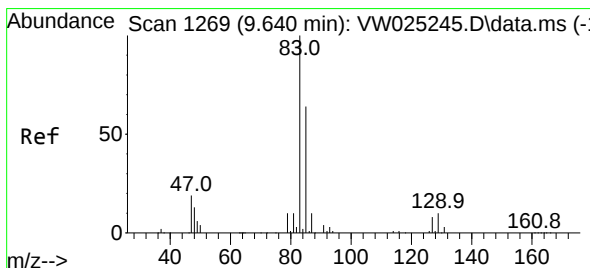
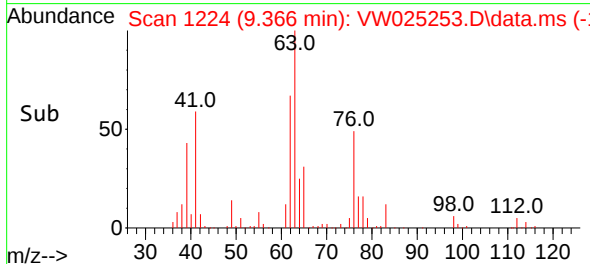
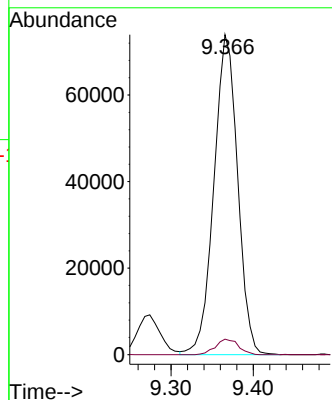
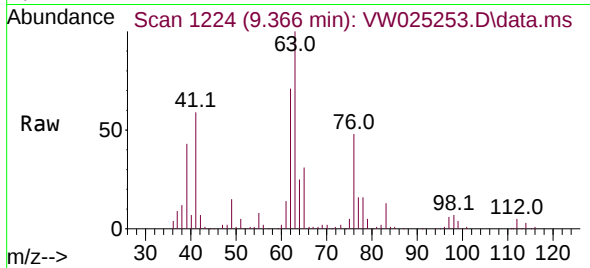




#37  
1,2-Dichloropropane  
Concen: 24.406 ug/L  
RT: 9.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

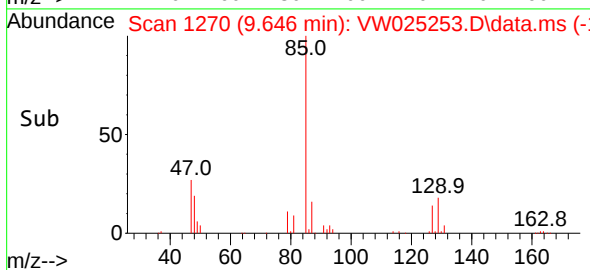
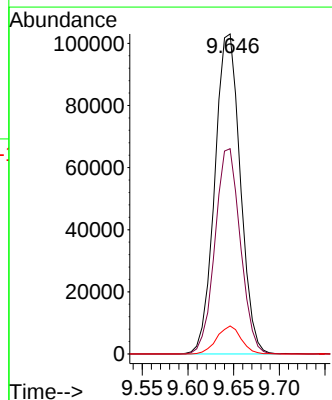
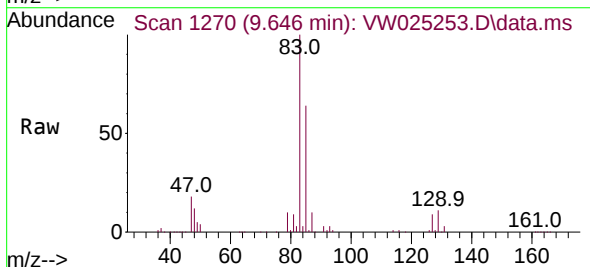
Instrument :  
MSVOA\_W  
ClientSampleId :

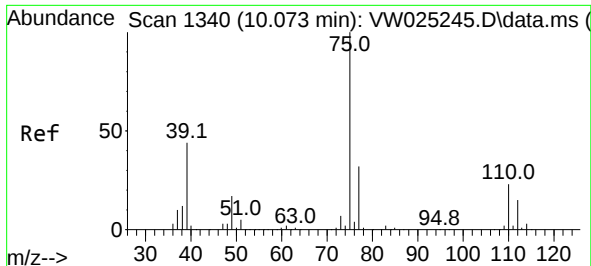
Tgt Ion: 63 Resp: 148132  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.8 5.8



#38  
Bromodichloromethane  
Concen: 24.619 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 83 Resp: 200065  
Ion Ratio Lower Upper  
83 100  
85 64.2 45.1 83.9  
127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.005 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

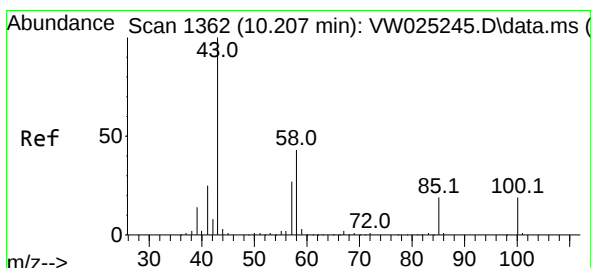
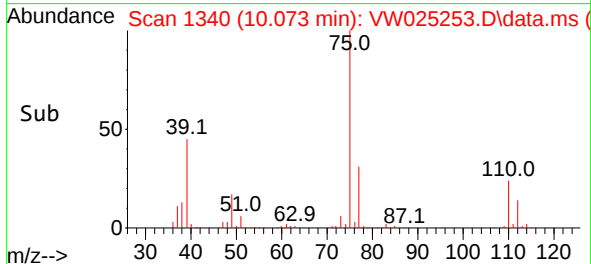
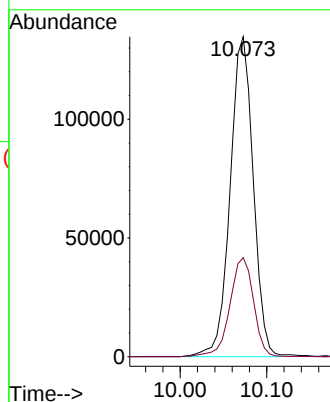
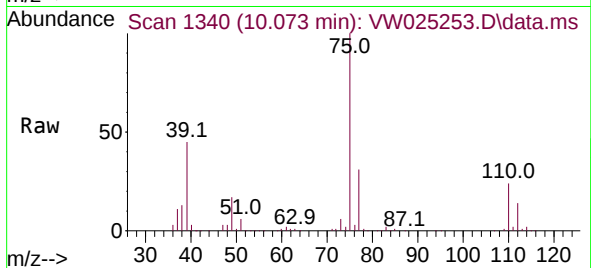
ClientSampleId :

Tgt Ion: 75 Resp: 249565

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 55.066 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

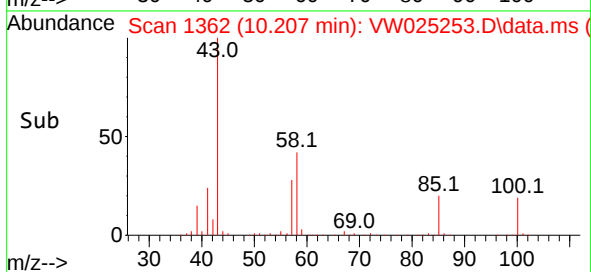
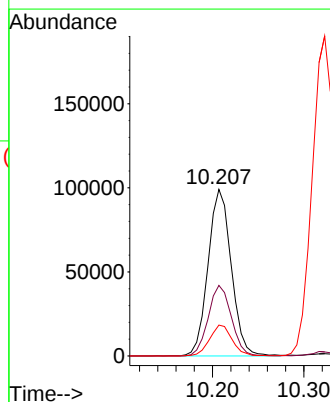
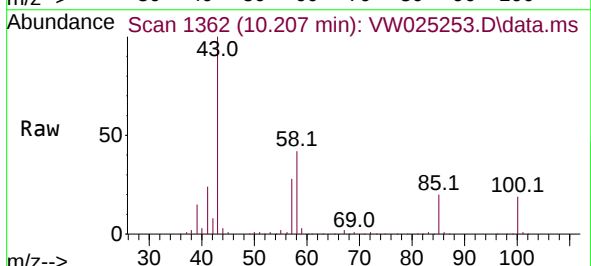
Tgt Ion: 43 Resp: 174704

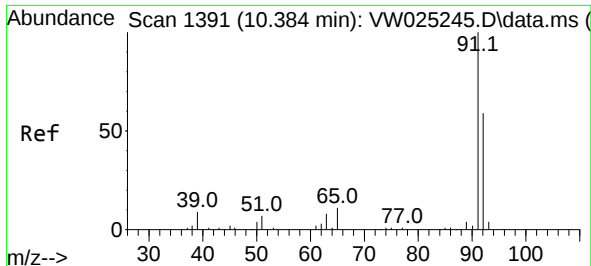
Ion Ratio Lower Upper

43 100

58 42.2 33.1 49.7

100 18.0 14.4 21.6





#42

Toluene

Concen: 24.264 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

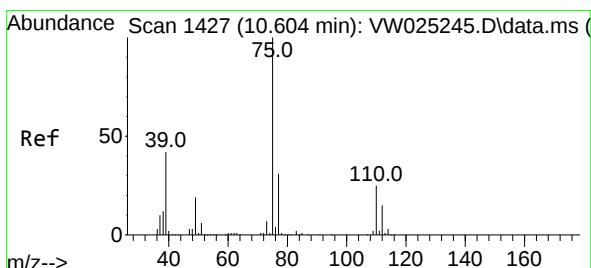
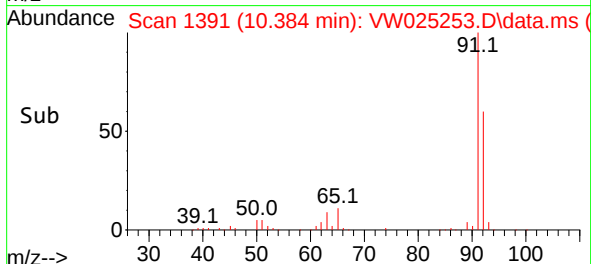
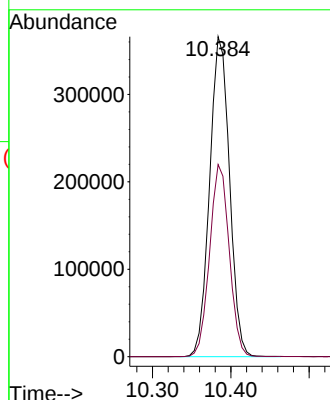
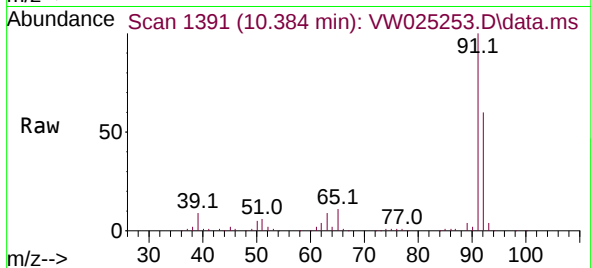
ClientSampleId :

Tgt Ion: 91 Resp: 645324

Ion Ratio Lower Upper

91 100

92 60.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 25.136 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025253.D

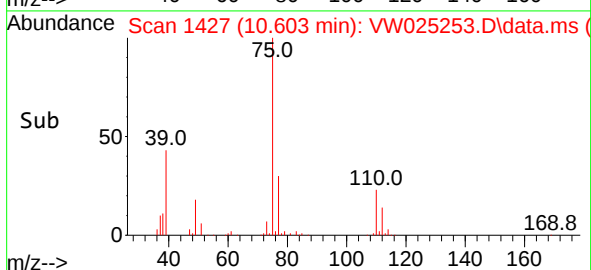
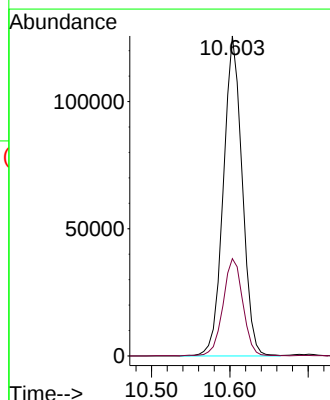
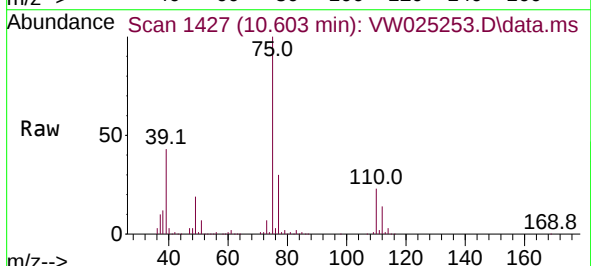
Acq: 30 Jan 2023 16:40

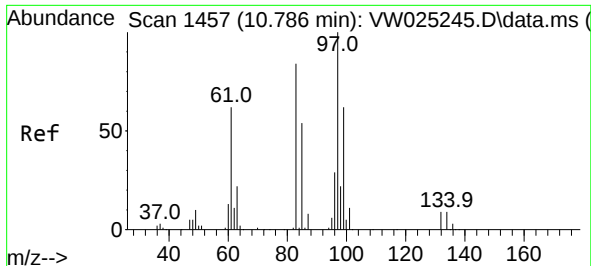
Tgt Ion: 75 Resp: 210555

Ion Ratio Lower Upper

75 100

77 30.4 21.9 40.7



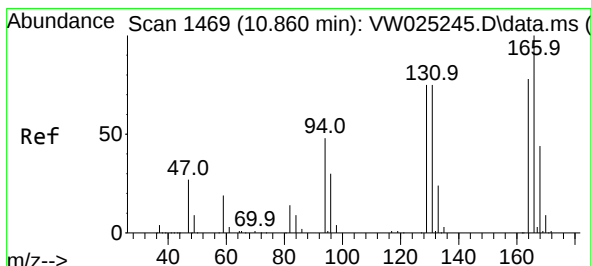
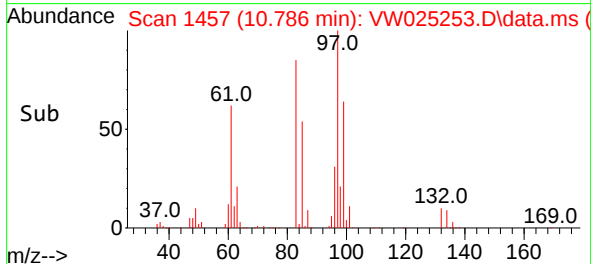
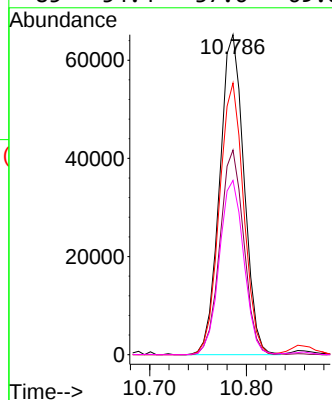
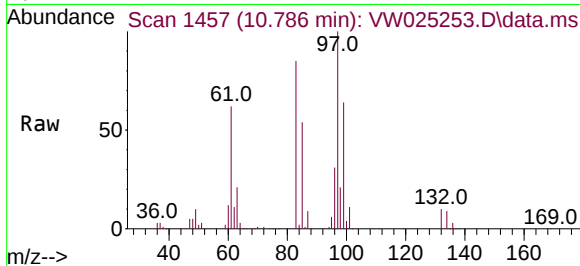


#45  
1,1,2-Trichloroethane  
Concen: 24.966 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 97 Resp: 113960

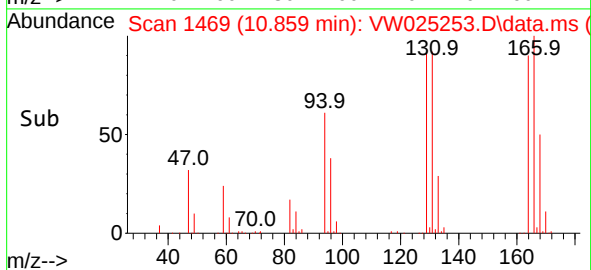
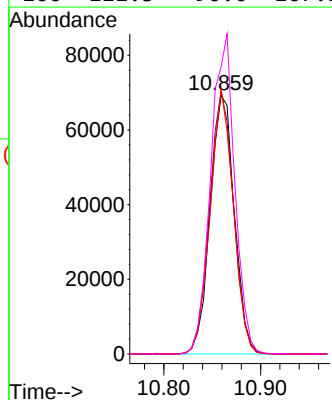
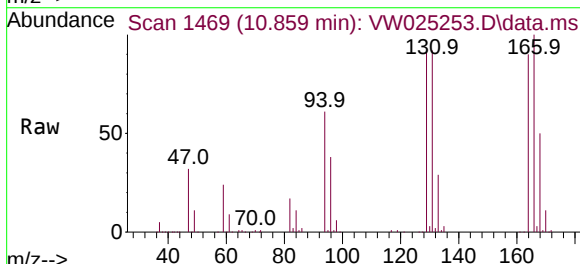
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.0  | 43.7  | 81.1  |
| 83  | 84.9  | 58.6  | 108.8 |
| 85  | 54.4  | 37.6  | 69.8  |

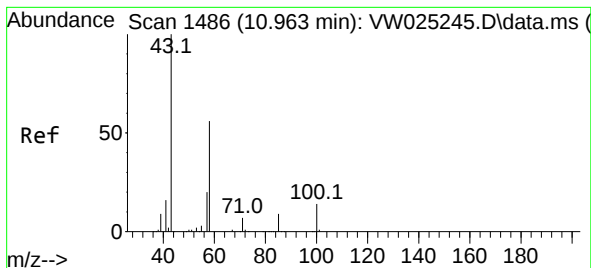


#46  
Tetrachloroethene  
Concen: 23.845 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 164 Resp: 120436

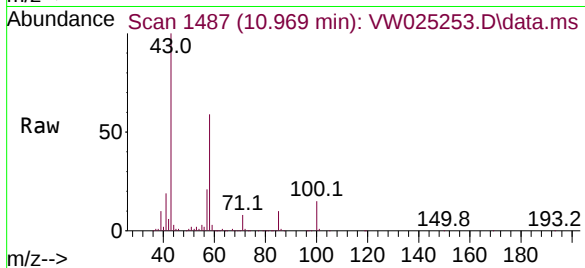
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 101.5 | 67.4  | 125.2 |
| 131 | 102.5 | 67.9  | 126.1 |
| 166 | 111.3 | 90.0  | 167.2 |



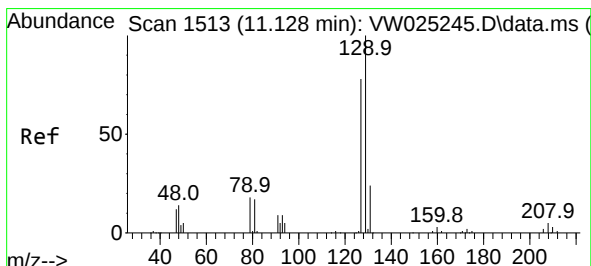
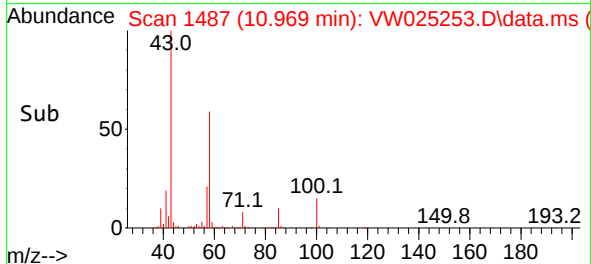
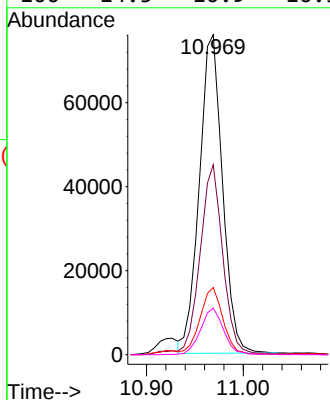


#48  
2-Hexanone  
Concen: 52.583 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Instrument :  
MSVOA\_W  
ClientSampleId :

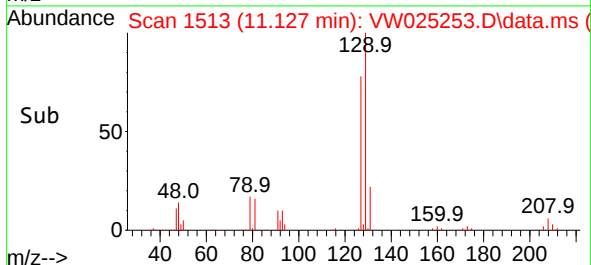
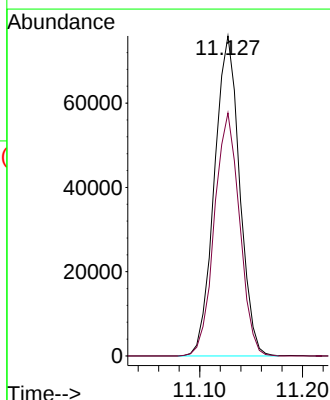
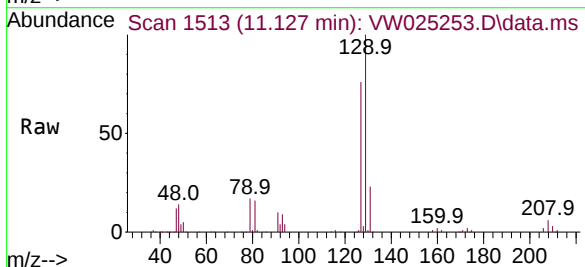


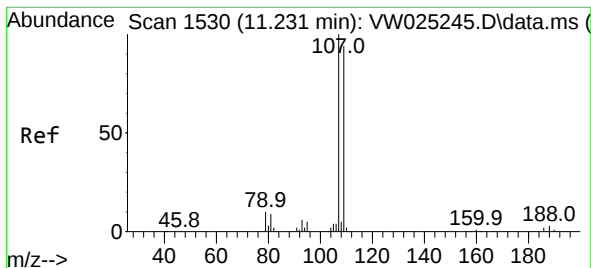
Tgt Ion: 43 Resp: 126485  
Ion Ratio Lower Upper  
43 100  
58 59.4 45.6 68.4  
57 20.9 16.6 24.8  
100 14.5 10.9 16.3



#49  
Dibromochloromethane  
Concen: 24.888 ug/L  
RT: 11.127 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

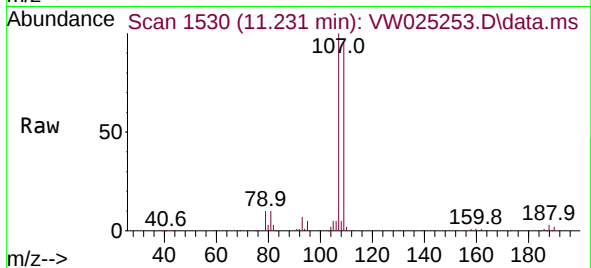
Tgt Ion:129 Resp: 129404  
Ion Ratio Lower Upper  
129 100  
127 75.9 54.9 101.9



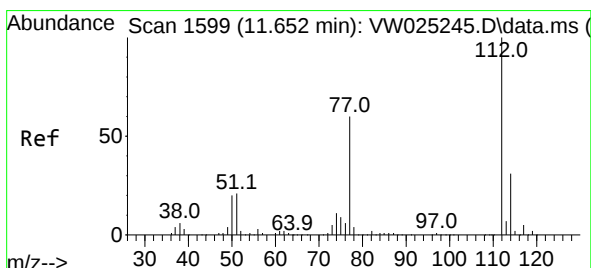
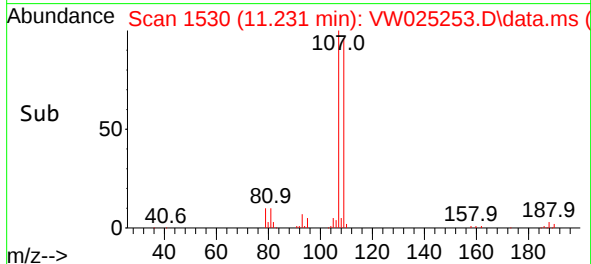
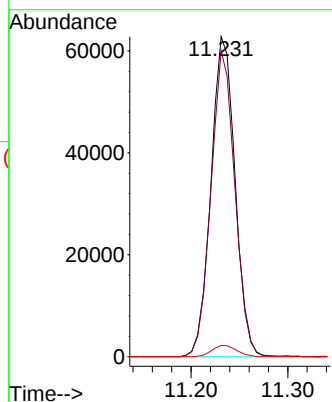


#50  
1,2-Dibromoethane  
Concen: 24.690 ug/L  
RT: 11.231 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Instrument :  
MSVOA\_W  
ClientSampleId :

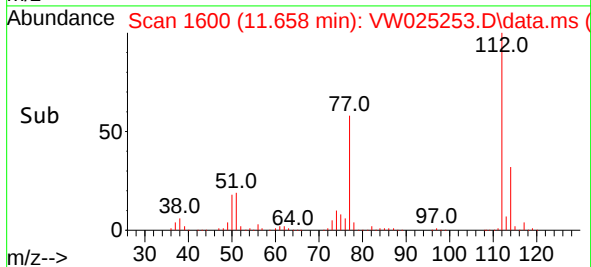
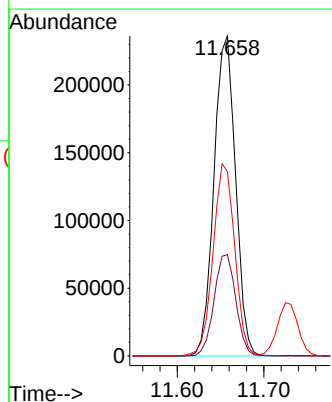
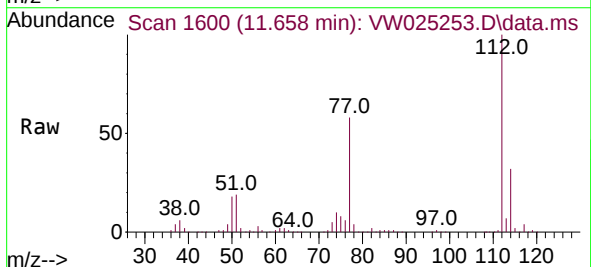


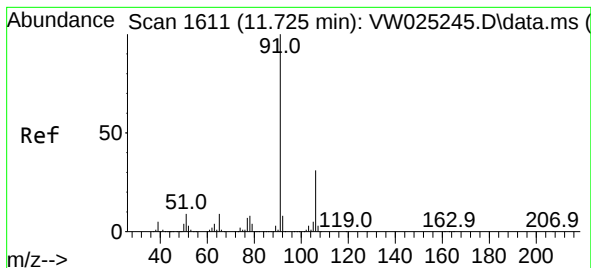
Tgt Ion:107 Resp: 108553  
Ion Ratio Lower Upper  
107 100  
109 95.6 65.7 121.9  
188 3.5 2.7 4.1



#51  
Chlorobenzene  
Concen: 23.995 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion:112 Resp: 408560  
Ion Ratio Lower Upper  
112 100  
114 31.7 21.8 40.4  
77 57.6 47.7 71.5





#52

Ethylbenzene

Concen: 24.209 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

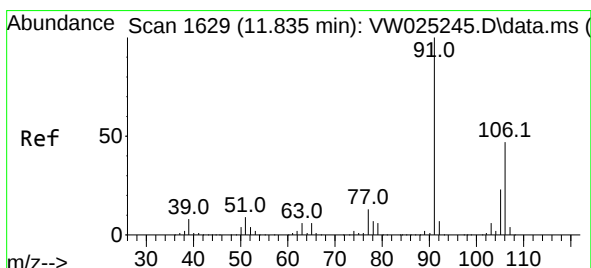
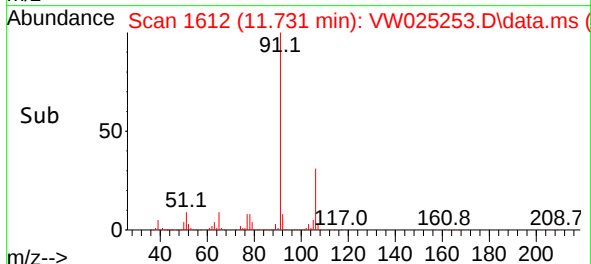
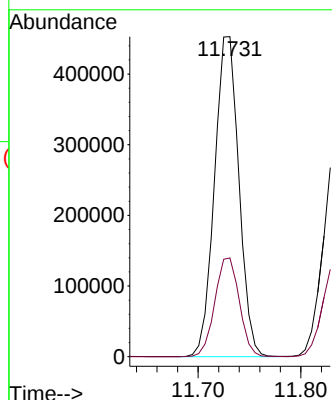
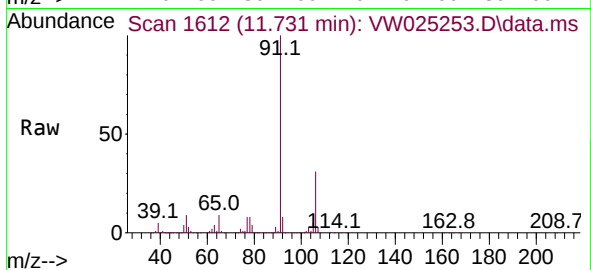
ClientSampleId :

Tgt Ion: 91 Resp: 747408

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 24.396 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW025253.D

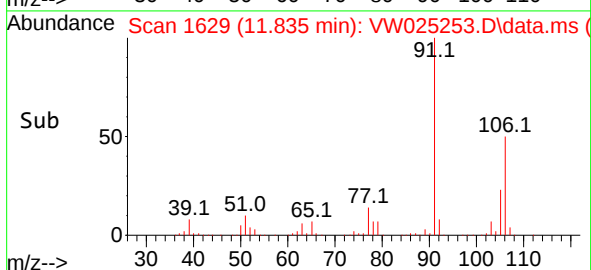
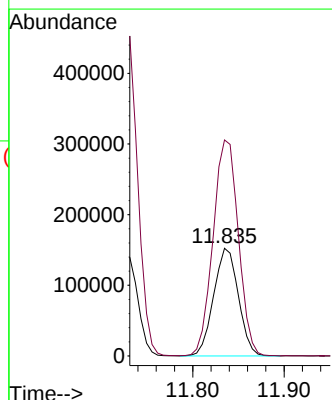
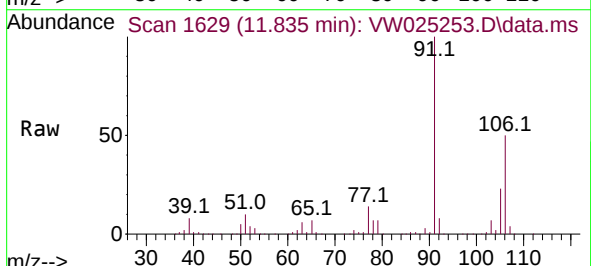
Acq: 30 Jan 2023 16:40

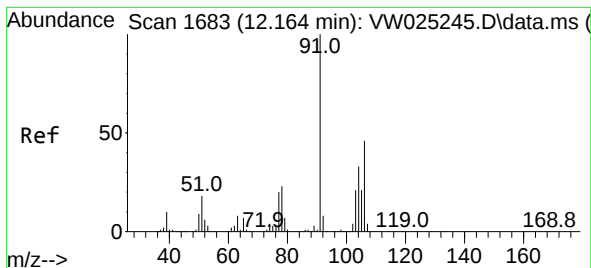
Tgt Ion:106 Resp: 286236

Ion Ratio Lower Upper

106 100

91 200.5 148.1 275.0





#54

o-Xylene

Concen: 24.462 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

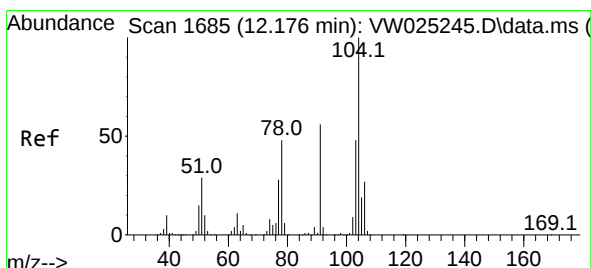
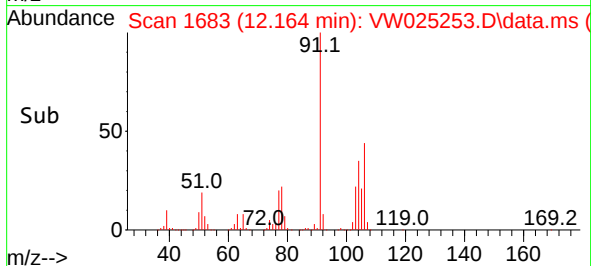
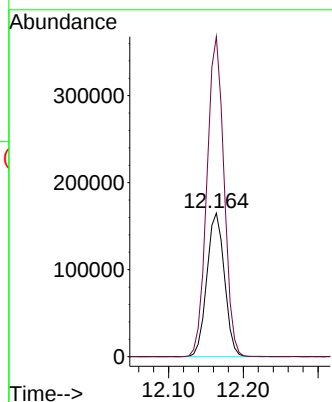
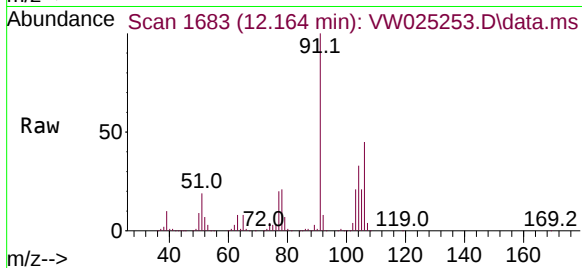
ClientSampleId :

Tgt Ion:106 Resp: 269437

Ion Ratio Lower Upper

106 100

91 223.1 153.6 285.2



#55

Styrene

Concen: 24.823 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025253.D

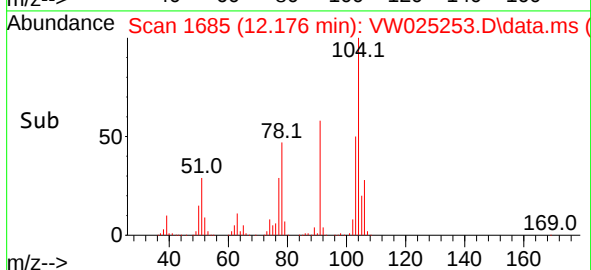
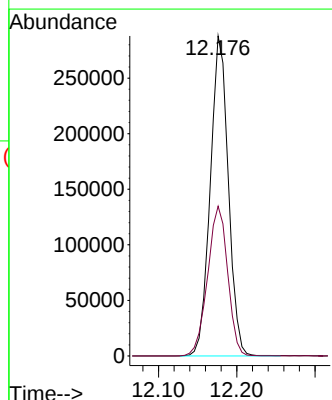
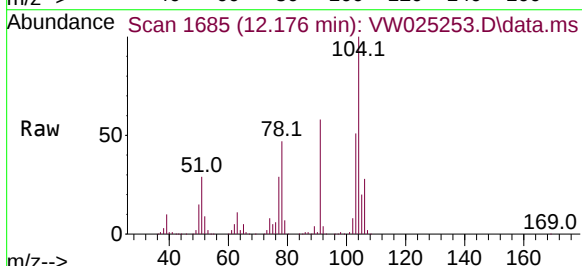
Acq: 30 Jan 2023 16:40

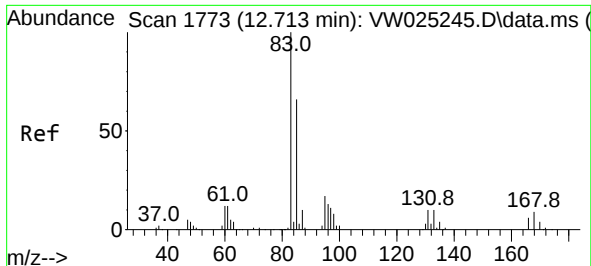
Tgt Ion:104 Resp: 460397

Ion Ratio Lower Upper

104 100

78 46.8 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 26.015 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

ClientSampleId :

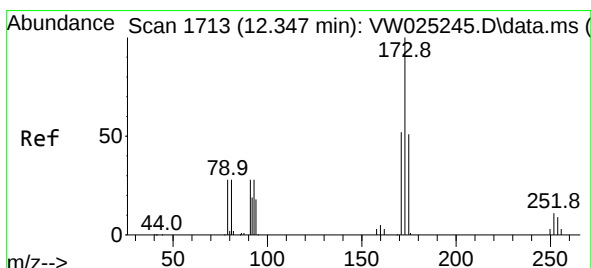
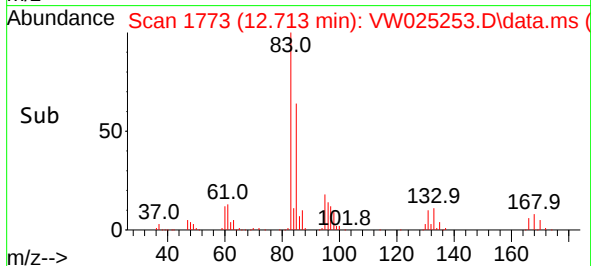
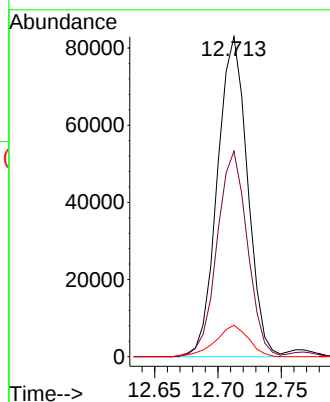
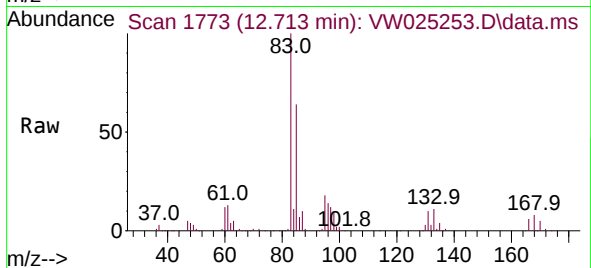
Tgt Ion: 83 Resp: 137135

Ion Ratio Lower Upper

83 100

85 64.2 46.3 86.1

131 9.8 8.0 12.0



#59

Bromoform

Concen: 22.153 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

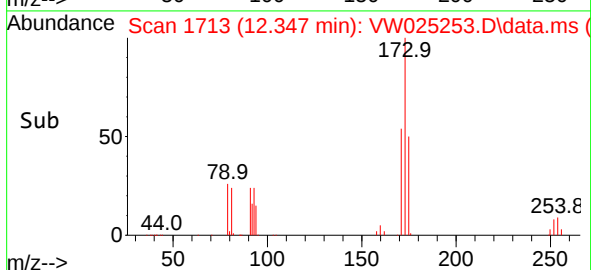
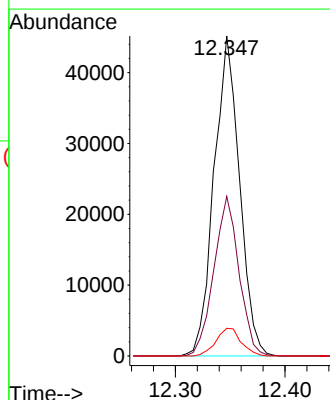
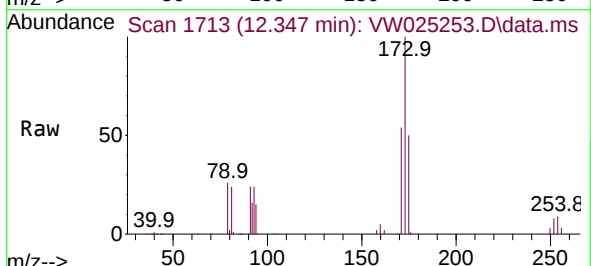
Tgt Ion:173 Resp: 72922

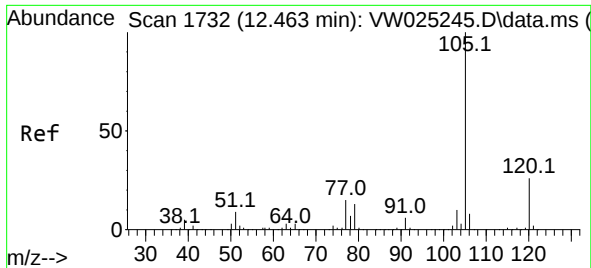
Ion Ratio Lower Upper

173 100

175 49.1 38.0 57.0

254 8.6 7.2 10.8

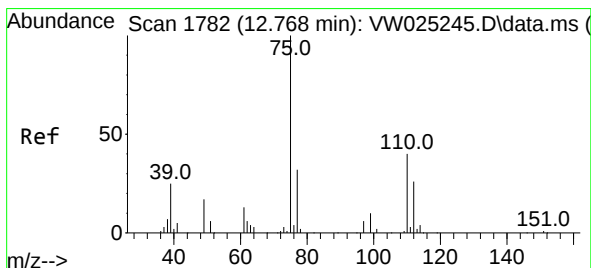
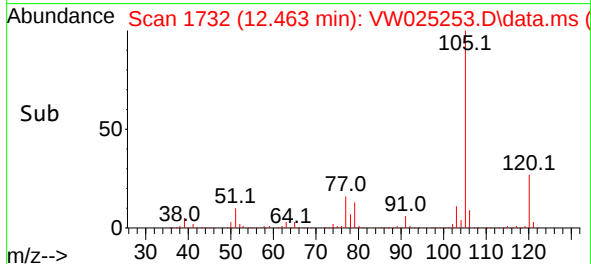
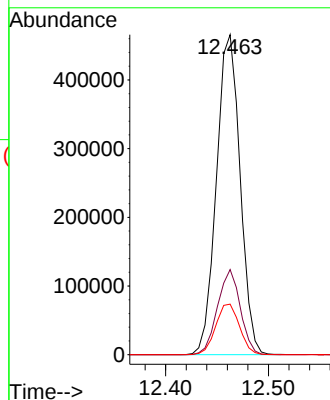
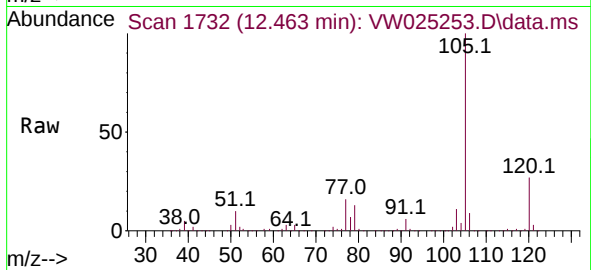




#60  
Isopropylbenzene  
Concen: 21.354 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

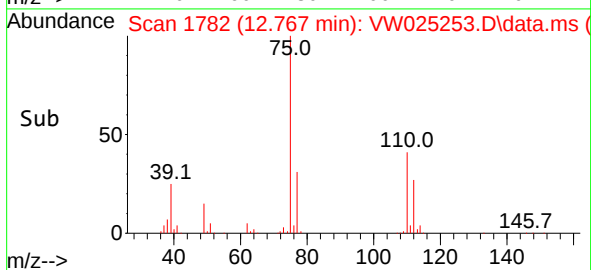
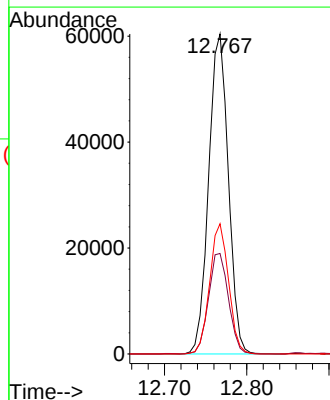
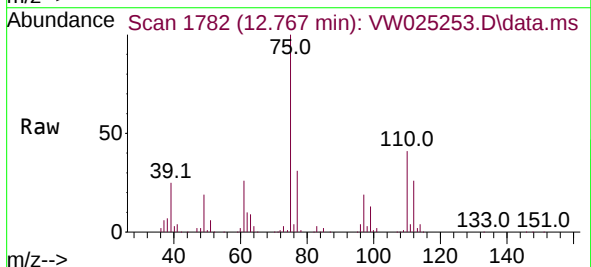
Instrument :  
MSVOA\_W  
ClientSampleId :

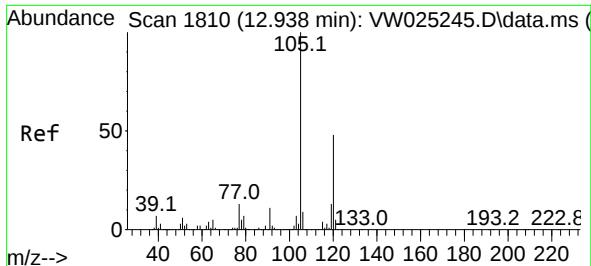
Tgt Ion:105 Resp: 744941  
Ion Ratio Lower Upper  
105 100  
120 25.6 20.5 30.7  
77 15.9 12.3 18.5



#61  
1,2,3-Trichloropropane  
Concen: 22.902 ug/L  
RT: 12.767 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion: 75 Resp: 100392  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.5 39.7  
110 39.1 32.3 48.5

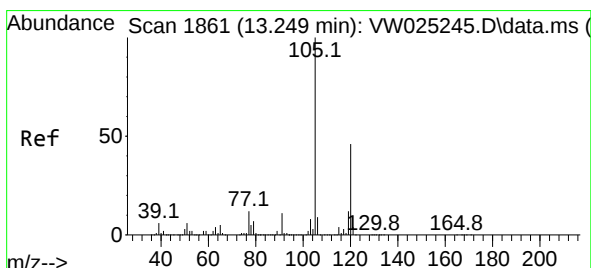
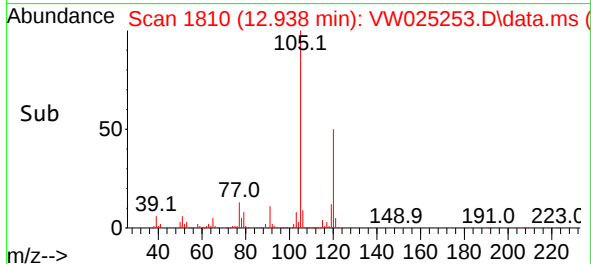
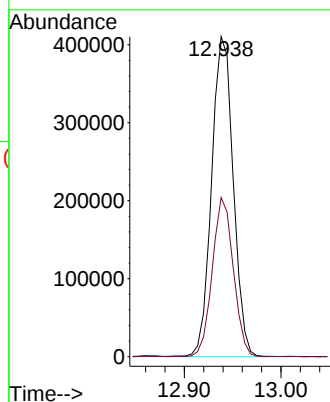
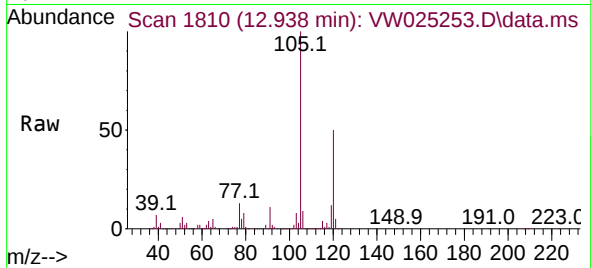




#62  
1,3,5-Trimethylbenzene  
Concen: 23.125 ug/L  
RT: 12.938 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

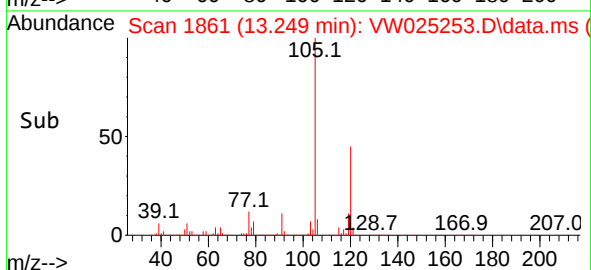
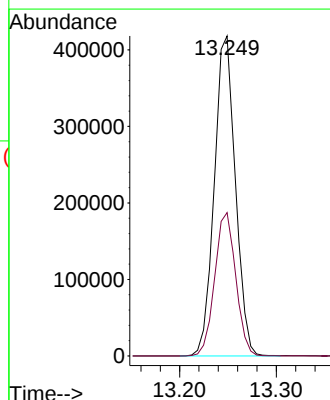
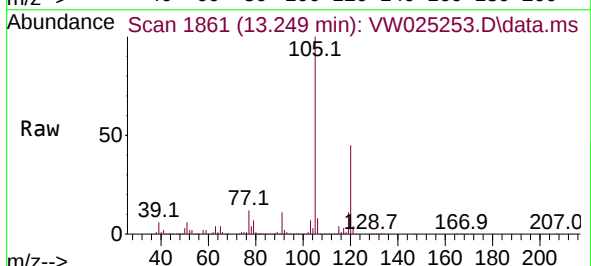
Instrument :  
MSVOA\_W  
ClientSampleId :

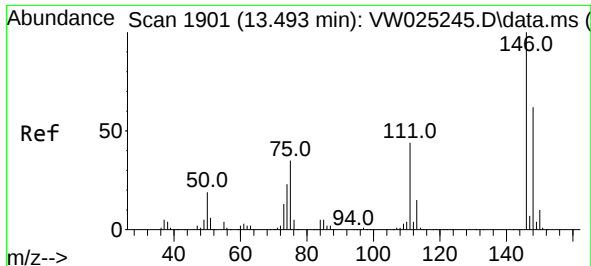
Tgt Ion:105 Resp: 637480  
Ion Ratio Lower Upper  
105 100  
120 48.3 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 23.485 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion:105 Resp: 633505  
Ion Ratio Lower Upper  
105 100  
120 44.7 35.1 52.7

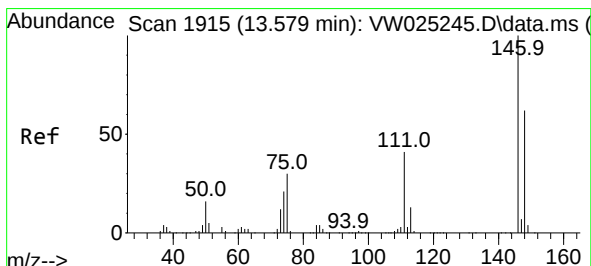
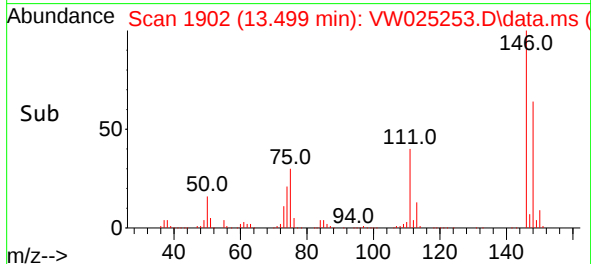
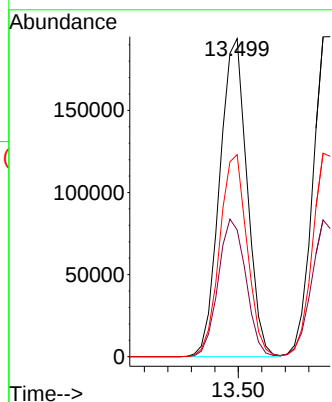
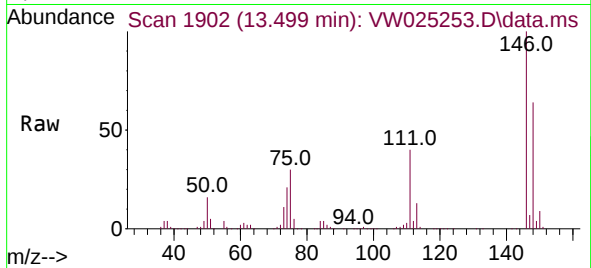




#64  
1,3-Dichlorobenzene  
Concen: 22.350 ug/L  
RT: 13.499 min Scan# 1901  
Delta R.T. 0.006 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

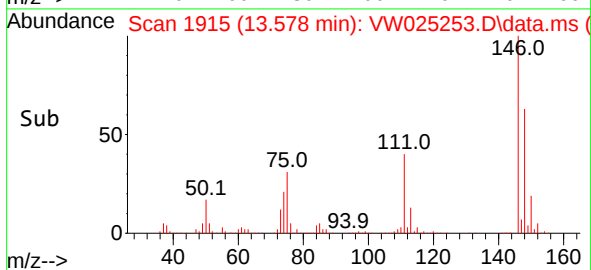
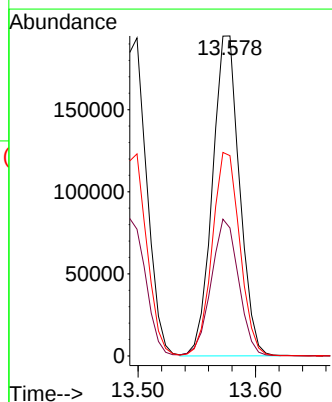
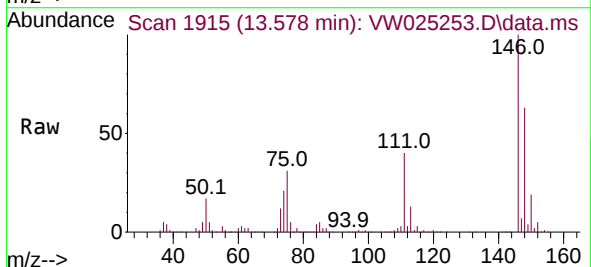
Instrument :  
MSVOA\_W  
ClientSampleId :

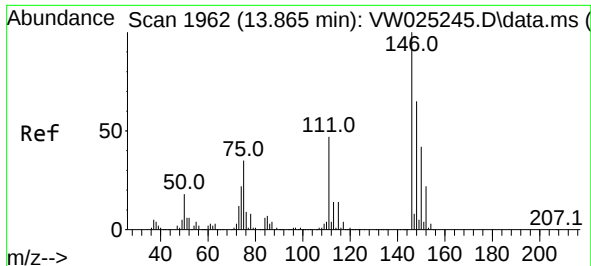
Tgt Ion:146 Resp: 313542  
Ion Ratio Lower Upper  
146 100  
111 39.8 30.4 56.5  
148 63.5 43.7 81.1



#65  
1,4-Dichlorobenzene  
Concen: 22.429 ug/L  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

Tgt Ion:146 Resp: 312639  
Ion Ratio Lower Upper  
146 100  
111 40.0 28.6 53.2  
148 62.6 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 23.456 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

ClientSampleId :

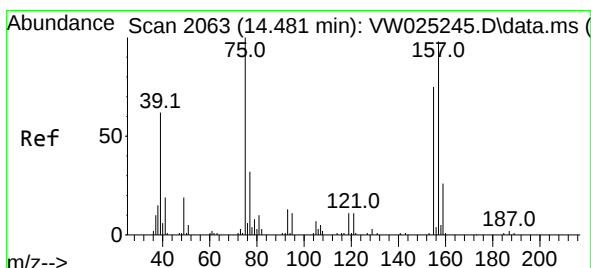
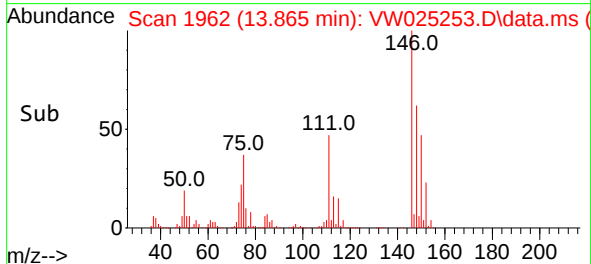
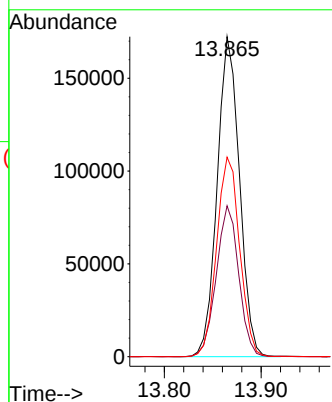
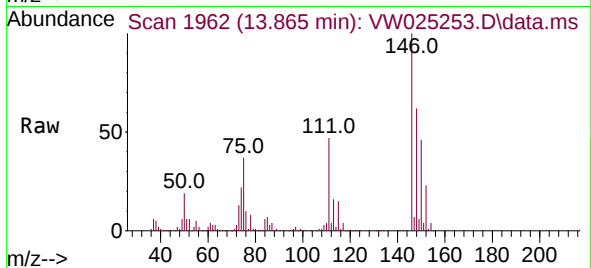
Tgt Ion:146 Resp: 276183

Ion Ratio Lower Upper

146 100

111 47.1 37.8 56.6

148 62.3 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.493 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

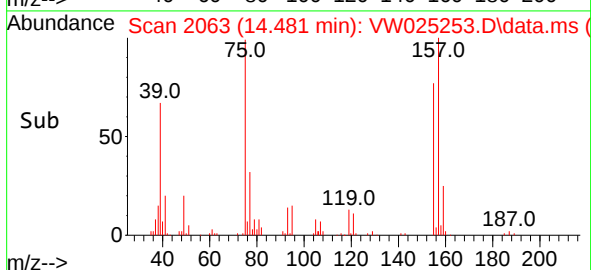
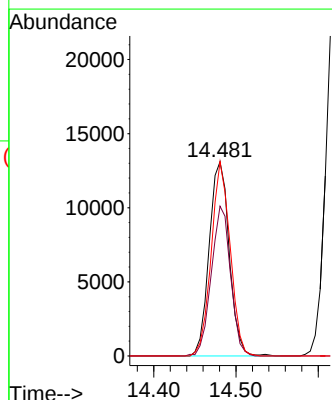
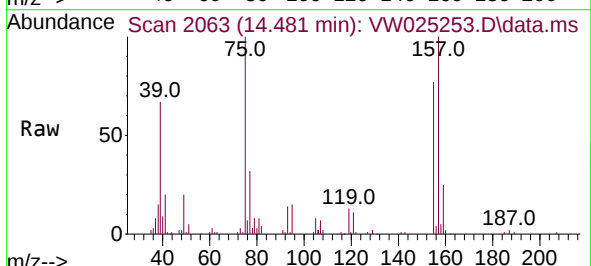
Tgt Ion: 75 Resp: 22146

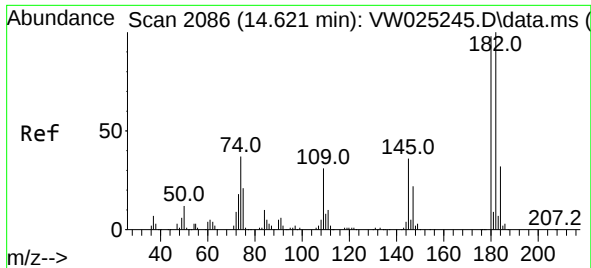
Ion Ratio Lower Upper

75 100

155 77.1 59.8 89.6

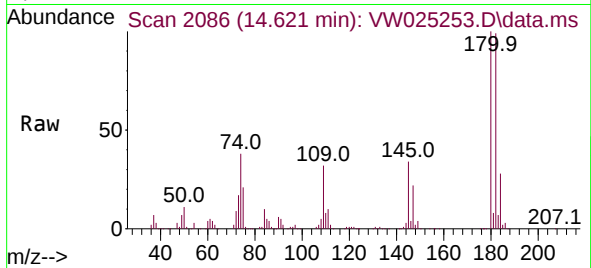
157 100.0 78.5 117.7



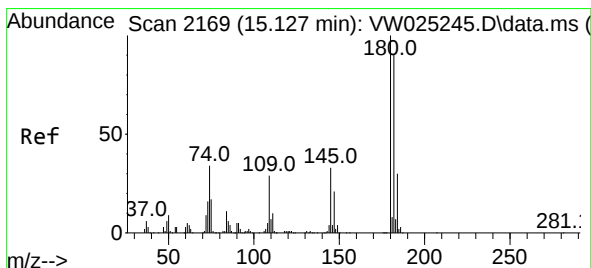
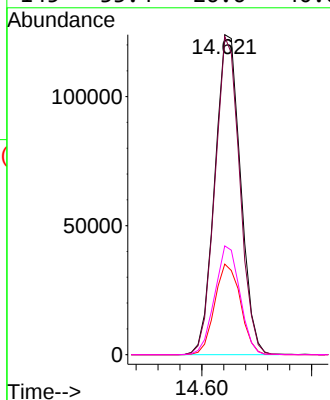
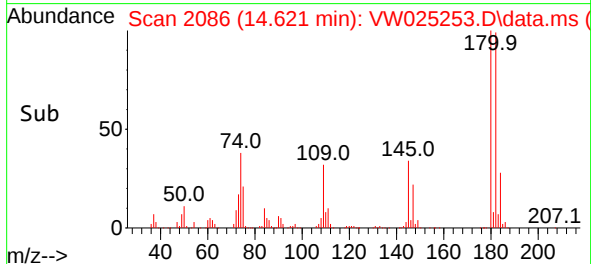


#69  
1,3,5-Trichlorobenzene  
Concen: 21.795 ug/L  
RT: 14.621 min Scan# 2086  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40

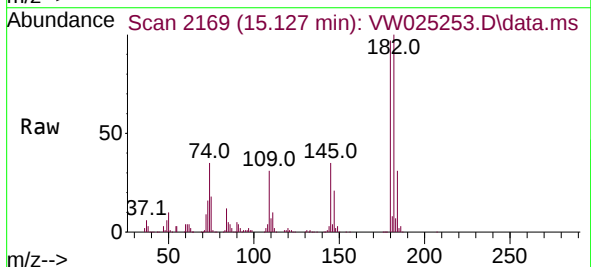
Instrument :  
MSVOA\_W  
ClientSampleId :



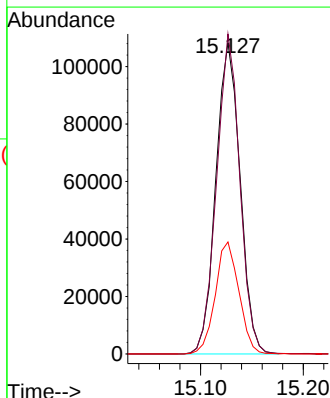
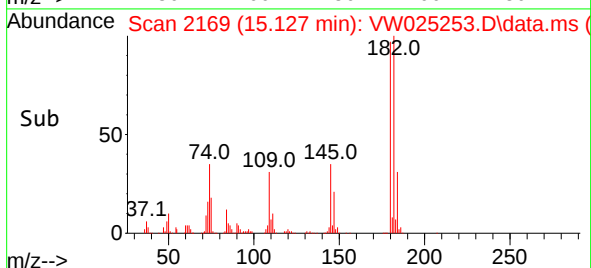
Tgt Ion:180 Resp: 201750  
Ion Ratio Lower Upper  
180 100  
182 95.6 74.9 112.3  
184 28.5 24.7 37.1  
145 33.4 26.6 40.0

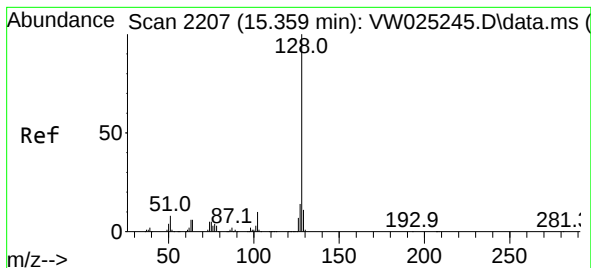


#70  
1,2,4-trichlorobenzene  
Concen: 23.876 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VW025253.D  
Acq: 30 Jan 2023 16:40



Tgt Ion:180 Resp: 177117  
Ion Ratio Lower Upper  
180 100  
182 98.7 73.5 110.3  
145 35.2 27.0 40.6





#71

Naphthalene

Concen: 26.462 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Instrument :

MSVOA\_W

ClientSampleId :

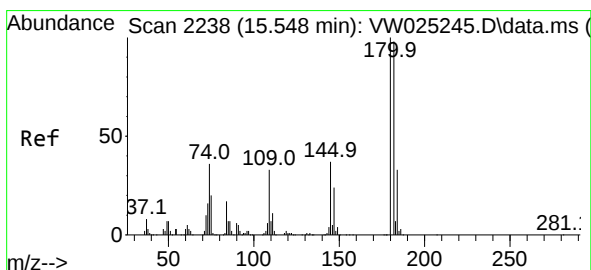
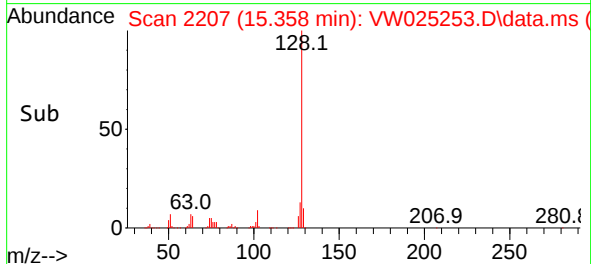
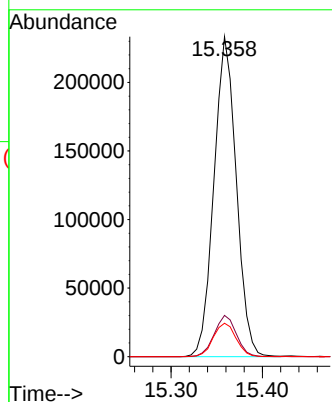
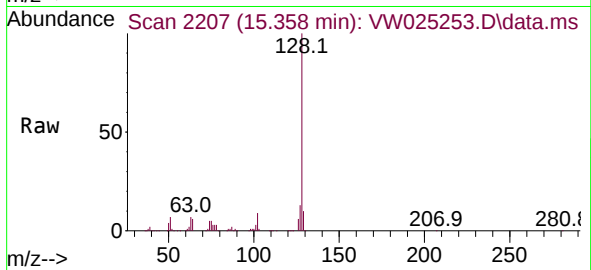
Tgt Ion:128 Resp: 396347

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.026 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025253.D

Acq: 30 Jan 2023 16:40

Tgt Ion:180 Resp: 161029

Ion Ratio Lower Upper

180 100

182 93.5 78.1 117.1

145 34.6 29.5 44.3

