

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
 Data File : VX025109.D  
 Acq On : 09 Nov 2021 10:01  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 02:40:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 154114   | 50.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 142131   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 66043    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 56680    | 40.673   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.340%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 52340    | 59.910   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 119.820% |
| 11) 1,1-Dichloroethene-d2     | 2.312   | 63    | 118666   | 44.209   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 88.420%  |
| 21) 2-Butanone-d5             | 4.458   | 46    | 97452    | 101.753  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.750% |
| 24) Chloroform-d              | 5.062   | 84    | 120847   | 44.110   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.220%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 87076    | 48.585   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.160%  |
| 32) Benzene-d6                | 5.976   | 84    | 197221   | 38.972   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.940%  |
| 36) 1,2-Dichloropropane-d6    | 7.311   | 67    | 67479    | 45.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.500%  |
| 41) Toluene-d8                | 8.653   | 98    | 185466   | 43.598   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 37802    | 47.497   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 95.000%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 69610    | 109.285  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 109.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 93212    | 45.159   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 60409    | 46.666   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.340%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 70282    | 44.145   | ug/L   | 98       |
| 3) Chloromethane              | 1.288   | 50    | 60083    | 53.700   | ug/L   | 89       |
| 5) Vinyl chloride             | 1.373   | 62    | 65158    | 49.072   | ug/L   | 98       |
| 6) Bromomethane               | 1.617   | 94    | 43350    | 51.194   | ug/L   | 99       |
| 8) Chloroethane               | 1.691   | 64    | 44533    | 57.541   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.892   | 101   | 114746   | 46.793   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 54777    | 43.786   | ug/L # | 83       |
| 12) 1,1-Dichloroethene        | 2.318   | 96    | 46062    | 41.866   | ug/L # | 49       |
| 13) Acetone                   | 2.392   | 43    | 111583   | 118.405  | ug/L   | 89       |
| 14) Carbon disulfide          | 2.514   | 76    | 121767   | 42.628   | ug/L   | 99       |
| 16) Methylene chloride        | 2.788   | 84    | 54456    | 44.020   | ug/L # | 71       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 48494    | 43.420   | ug/L   | 92       |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 204679   | 47.256   | ug/L # | 86       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 110386   | 47.332   | ug/L   | 93       |
| 22) 2-Butanone                | 4.562   | 43    | 128720   | 115.004  | ug/L   | 79       |
| 23) Bromochloromethane        | 4.897   | 128   | 26123    | 42.892   | ug/L # | 43       |
| 25) Chloroform                | 5.098   | 83    | 123920   | 48.138   | ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 6.092   | 62    | 108134   | 54.385   | ug/L   | 99       |
| 29) Cyclohexane               | 5.470   | 56    | 94445    | 43.415   | ug/L # | 72       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 02:40:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

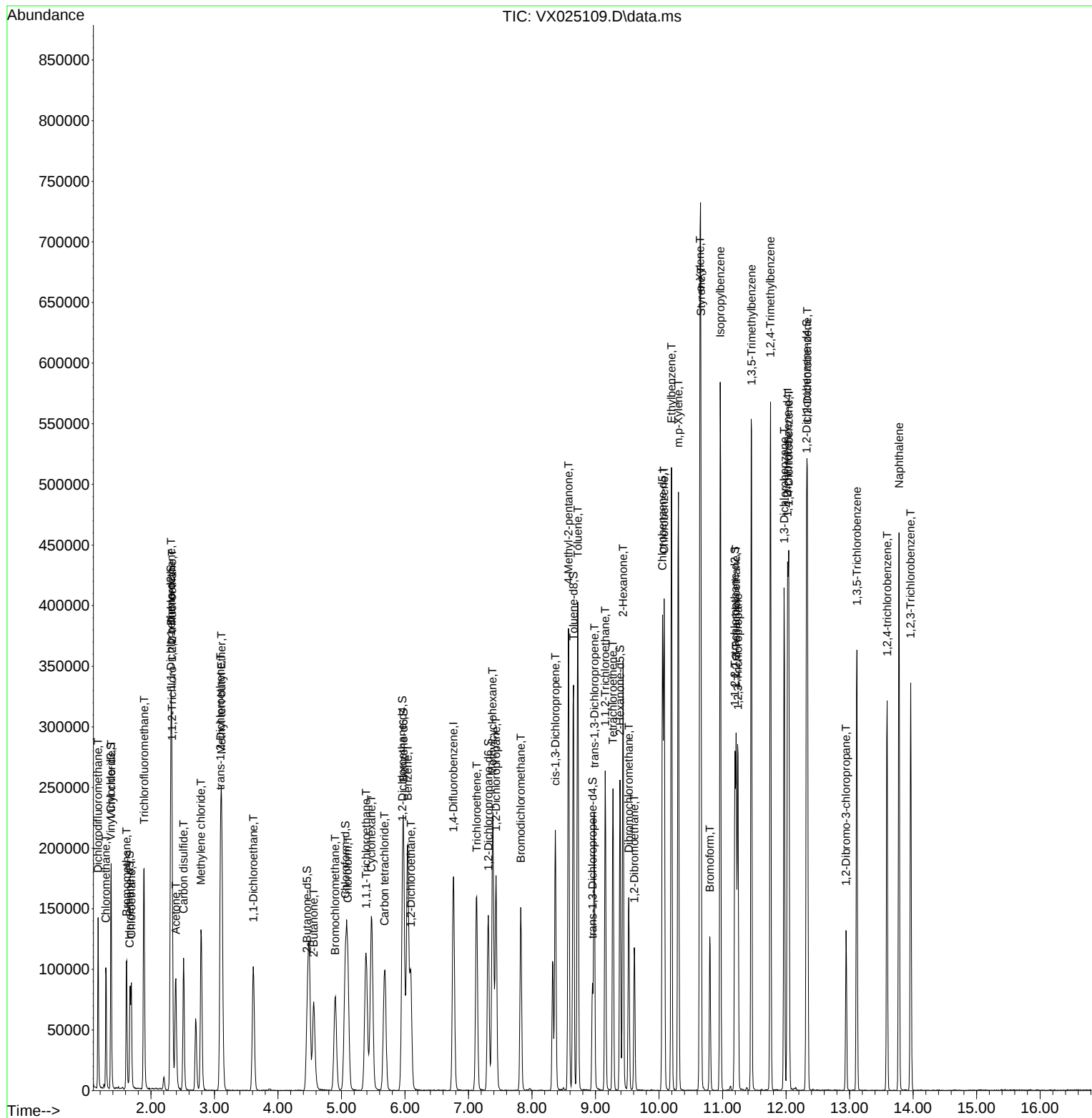
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 109518   | 42.535  | ug/L # | 88       |
| 31) Carbon tetrachloride      | 5.678  | 117  | 88452    | 42.833  | ug/L   | 99       |
| 33) Benzene                   | 6.043  | 78   | 226569   | 42.365  | ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 61765    | 45.339  | ug/L   | 94       |
| 35) Methylcyclohexane         | 7.379  | 83   | 93700    | 46.242  | ug/L # | 85       |
| 37) 1,2-Dichloropropane       | 7.433  | 63   | 62699    | 50.484  | ug/L # | 95       |
| 38) Bromodichloromethane      | 7.824  | 83   | 92519    | 49.798  | ug/L # | 96       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 100122   | 49.947  | ug/L   | 91       |
| 40) 4-Methyl-2-pentanone      | 8.573  | 43   | 215735   | 111.479 | ug/L # | 78       |
| 42) Toluene                   | 8.720  | 91   | 243103   | 47.748  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 103049   | 51.272  | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 57404    | 50.112  | ug/L   | 94       |
| 46) Tetrachloroethene         | 9.275  | 164  | 36318    | 48.144  | ug/L   | 97       |
| 48) 2-Hexanone                | 9.433  | 43   | 181641   | 114.059 | ug/L # | 78       |
| 49) Dibromochloromethane      | 9.524  | 129  | 60130    | 49.476  | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 62420    | 51.046  | ug/L   | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 145485   | 48.784  | ug/L   | 90       |
| 52) Ethylbenzene              | 10.195 | 91   | 279914   | 51.136  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 98319    | 49.379  | ug/L   | 98       |
| 54) o-Xylene                  | 10.646 | 106  | 96257    | 51.086  | ug/L   | 90       |
| 55) Styrene                   | 10.658 | 104  | 164078   | 50.020  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 98399    | 48.024  | ug/L # | 92       |
| 59) Bromoform                 | 10.799 | 173  | 38282    | 49.320  | ug/L # | 99       |
| 60) Isopropylbenzene          | 10.963 | 105  | 274238   | 49.814  | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 86838    | 54.220  | ug/L # | 91       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 235018   | 51.544  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 235648   | 52.698  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 97994    | 49.161  | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 102928   | 50.790  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 102065   | 49.618  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 27877    | 56.049  | ug/L # | 78       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 67551    | 47.266  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 58330    | 47.656  | ug/L   | 97       |
| 71) Naphthalene               | 13.780 | 128  | 244514   | 55.519  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 58845    | 49.005  | ug/L   | 96       |

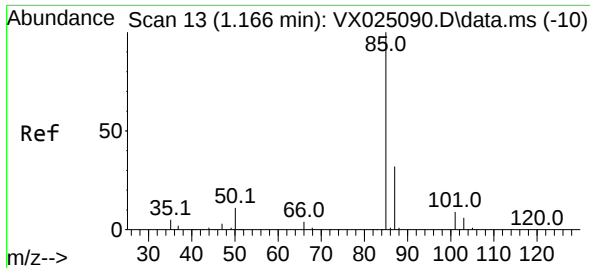
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Quant Time: Nov 10 02:40:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

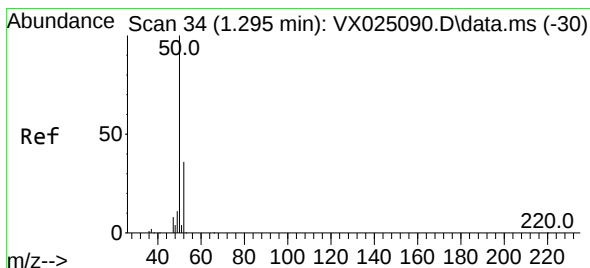
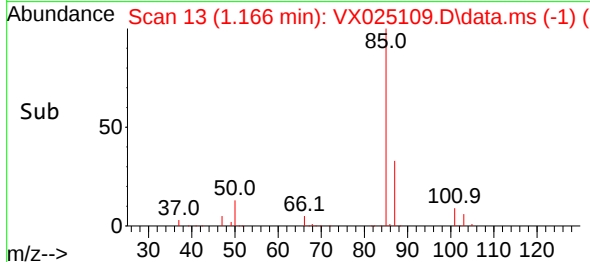
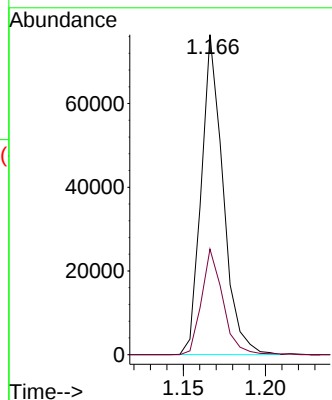
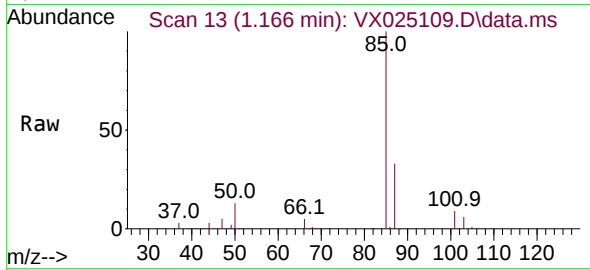




#2  
 Dichlorodifluoromethane  
 Concen: 44.145 ug/L  
 RT: 1.166 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

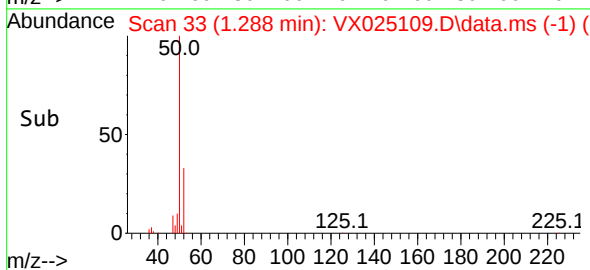
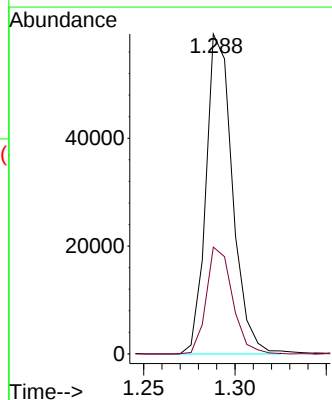
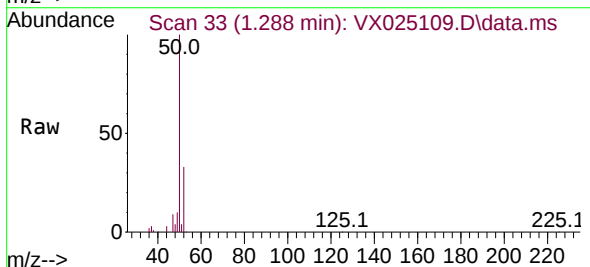
Instrument :  
 MSVOA\_X  
 ClientSampleId :

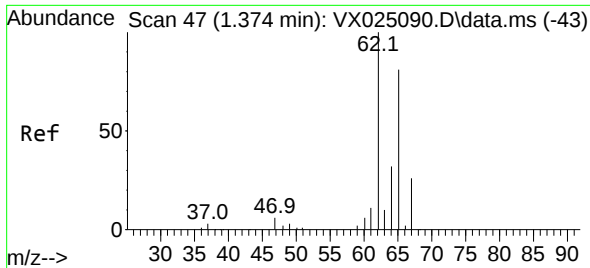
Tgt Ion: 85 Resp: 70282  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 25.3 37.9



#3  
 Chloromethane  
 Concen: 53.700 ug/L  
 RT: 1.288 min Scan# 33  
 Delta R.T. -0.006 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

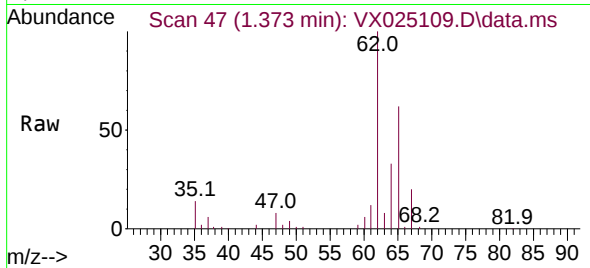
Tgt Ion: 50 Resp: 60083  
 Ion Ratio Lower Upper  
 50 100  
 52 33.4 28.0 52.0



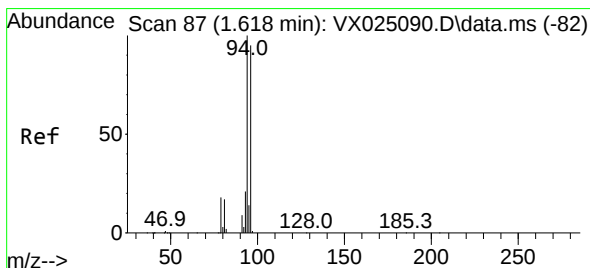
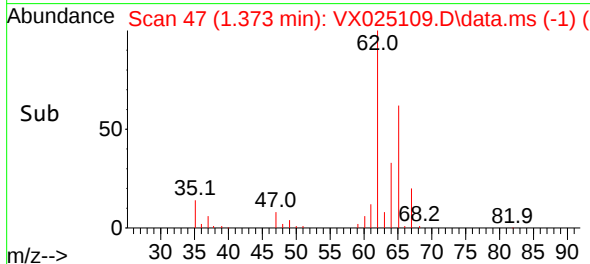
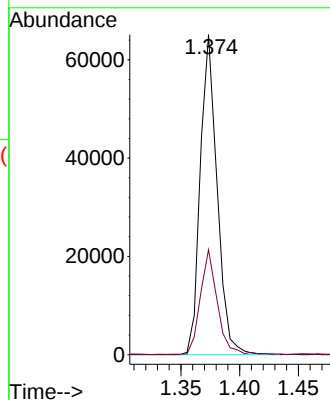


#5  
 Vinyl chloride  
 Concen: 49.072 ug/L  
 RT: 1.373 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :

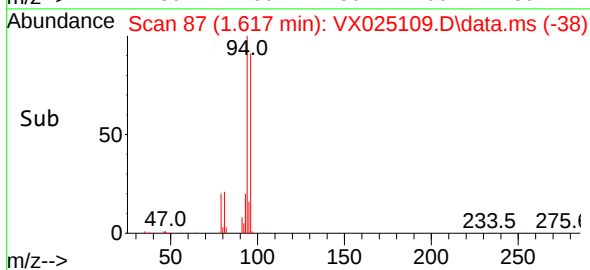
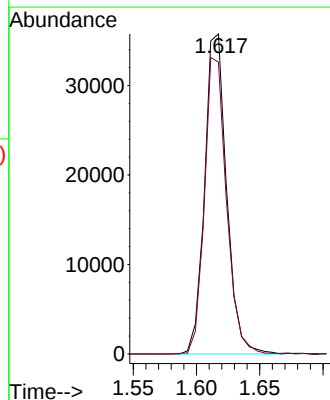
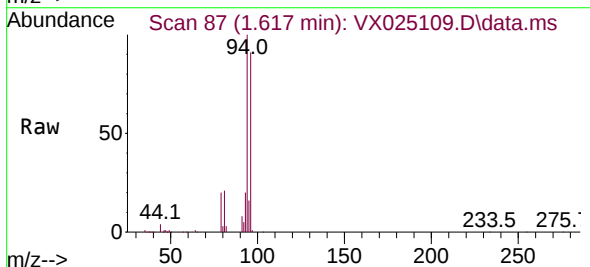


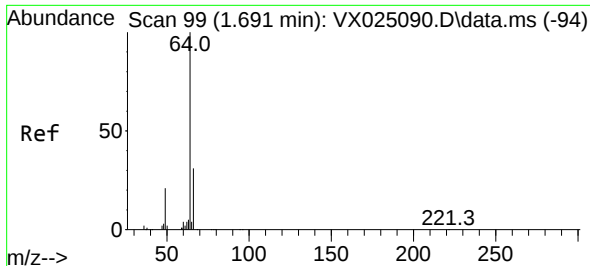
Tgt Ion: 62 Resp: 65158  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 23.6 43.8



#6  
 Bromomethane  
 Concen: 51.194 ug/L  
 RT: 1.617 min Scan# 87  
 Delta R.T. -0.001 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

Tgt Ion: 94 Resp: 43350  
 Ion Ratio Lower Upper  
 94 100  
 96 91.2 62.9 116.9

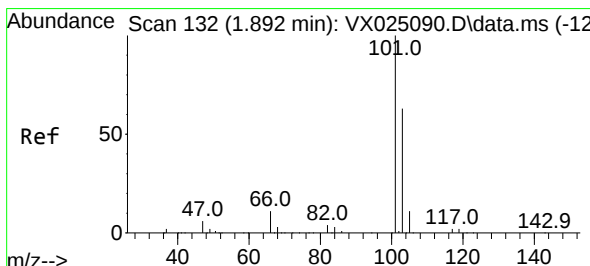
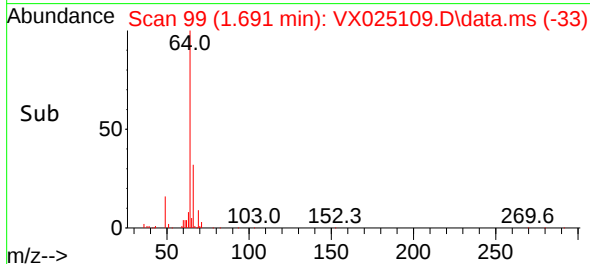
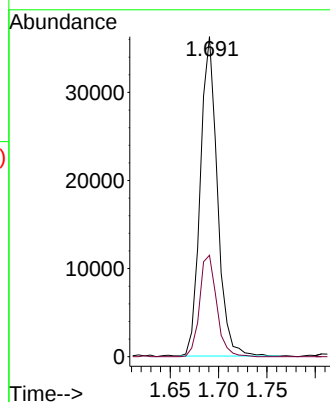
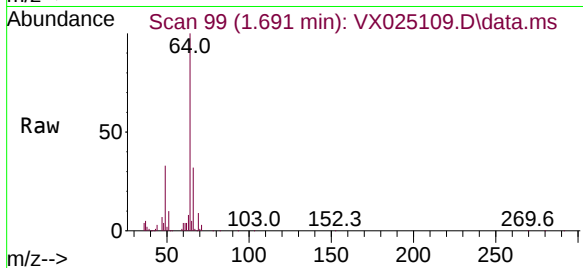




#8  
Chloroethane  
Concen: 57.541 ug/L  
RT: 1.691 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

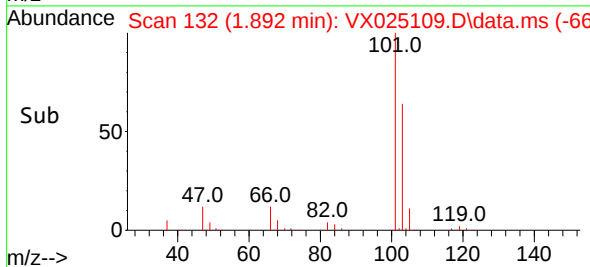
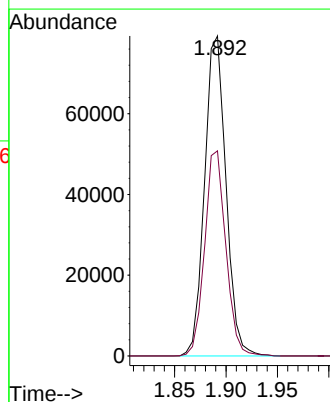
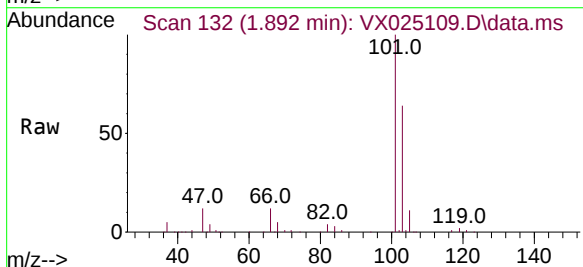
Instrument :  
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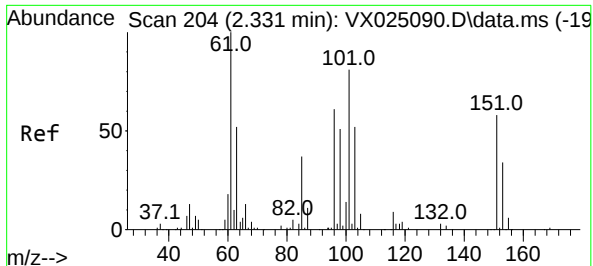
Tgt Ion: 64 Resp: 44533  
Ion Ratio Lower Upper  
64 100  
66 31.7 23.3 43.3



#9  
Trichlorofluoromethane  
Concen: 46.793 ug/L  
RT: 1.892 min Scan# 132  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 101 Resp: 114746  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.4 77.0





#10

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

Concen: 43.786 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

ClientSampleId :

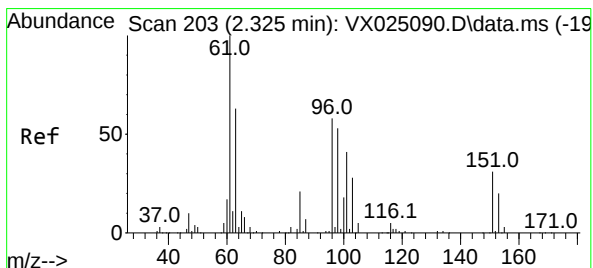
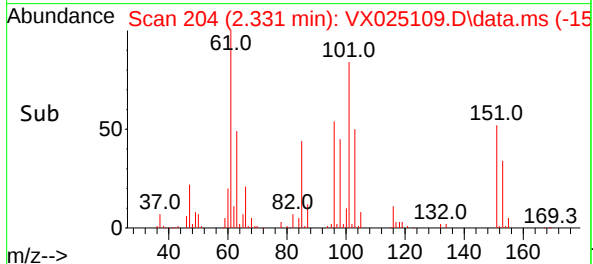
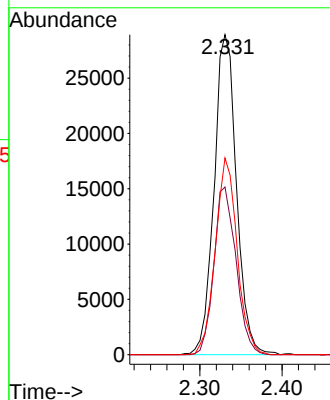
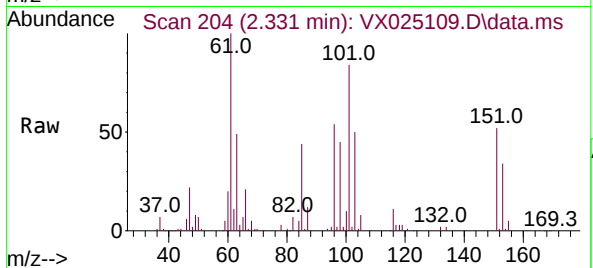
Tgt Ion:101 Resp: 54777

Ion Ratio Lower Upper

101 100

85 51.8 35.3 52.9

151 60.0 62.3 93.5#



#12

1,1-Dichloroethene

Concen: 41.866 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

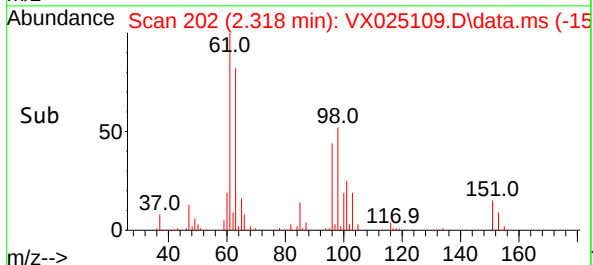
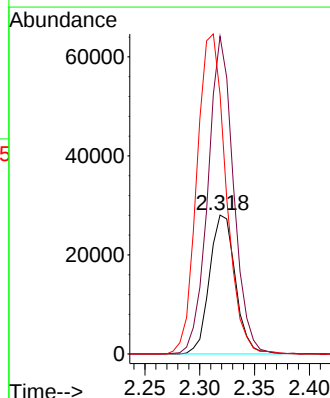
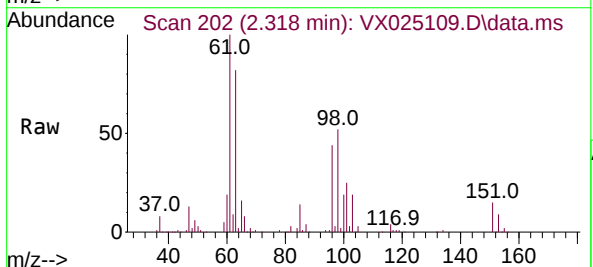
Tgt Ion: 96 Resp: 46062

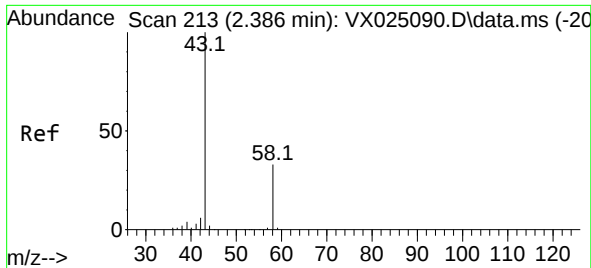
Ion Ratio Lower Upper

96 100

61 228.6 109.9 204.1#

63 186.9 92.4 171.6#





#13

Acetone

Concen: 118.405 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

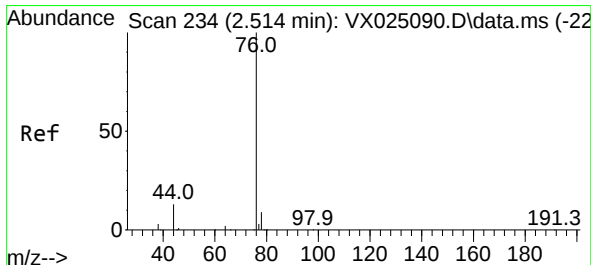
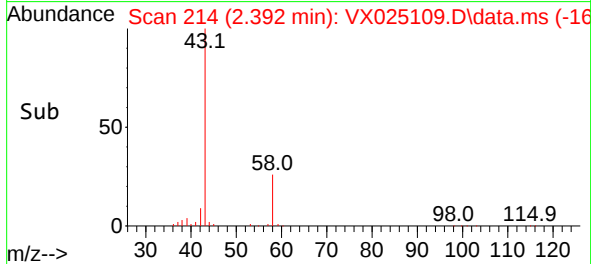
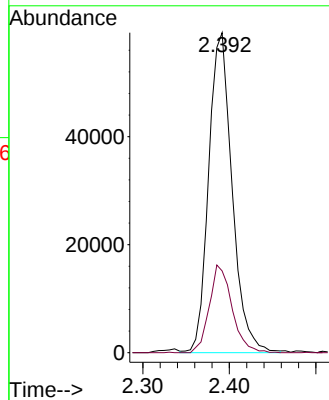
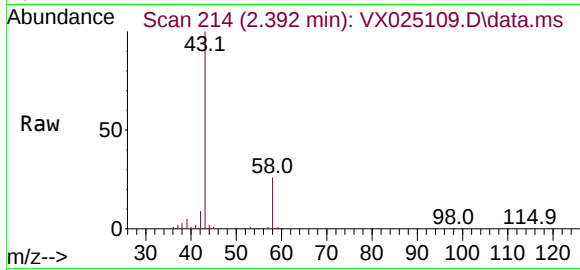
ClientSampleId :

Tgt Ion: 43 Resp: 111583

Ion Ratio Lower Upper

43 100

58 26.4 0.0 64.8



#14

Carbon disulfide

Concen: 42.628 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025109.D

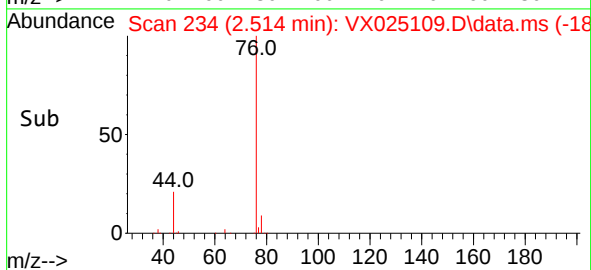
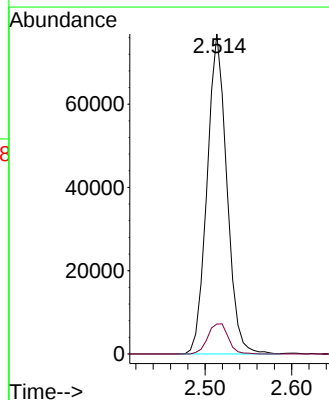
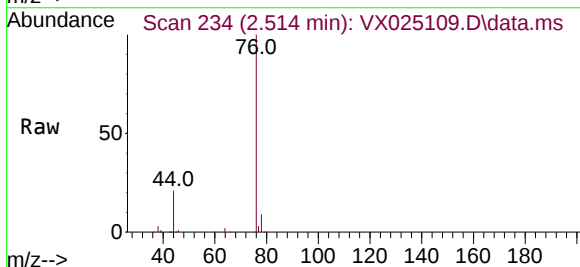
Acq: 09 Nov 2021 10:01

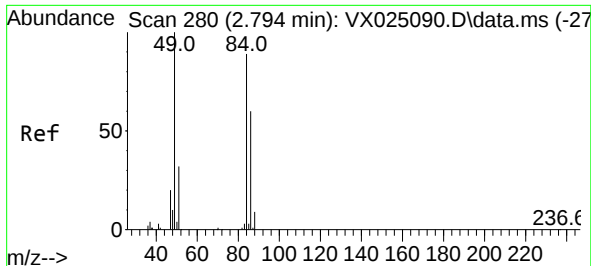
Tgt Ion: 76 Resp: 121767

Ion Ratio Lower Upper

76 100

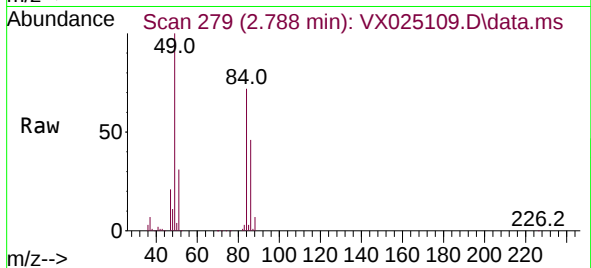
78 9.3 7.2 10.8



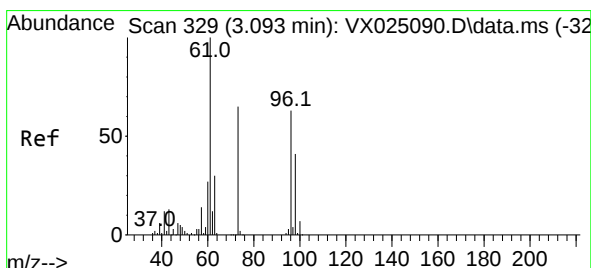
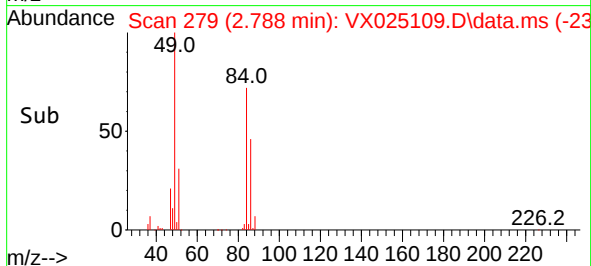
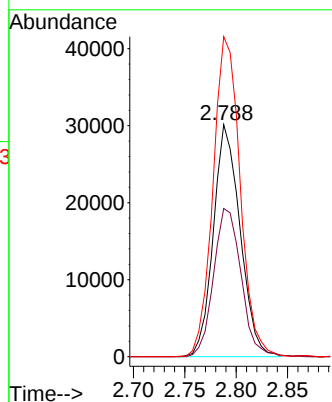


#16  
Methylene chloride  
Concen: 44.020 ug/L  
RT: 2.788 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :

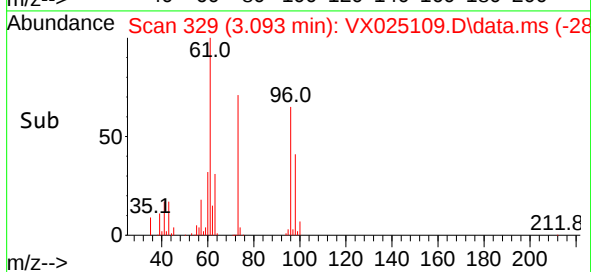
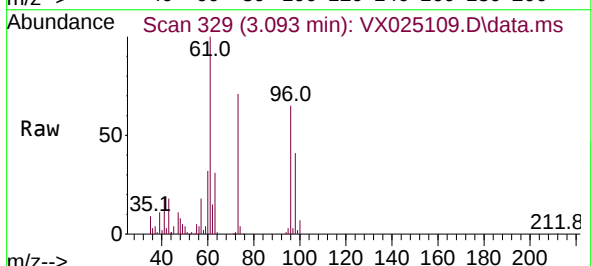
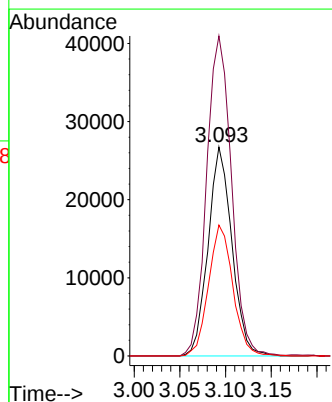


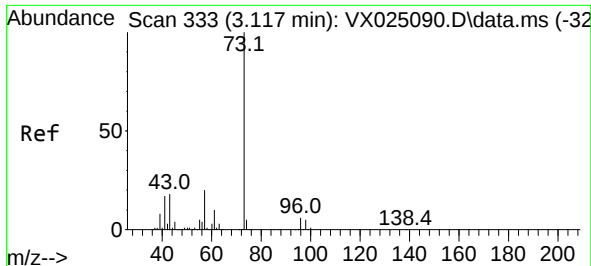
Tgt Ion: 84 Resp: 54456  
Ion Ratio Lower Upper  
84 100  
86 63.9 44.4 82.5  
49 137.9 64.0 118.8#



#17  
trans-1,2-Dichloroethene  
Concen: 43.420 ug/L  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 96 Resp: 48494  
Ion Ratio Lower Upper  
96 100  
61 153.2 99.4 184.6  
98 62.7 47.0 87.2

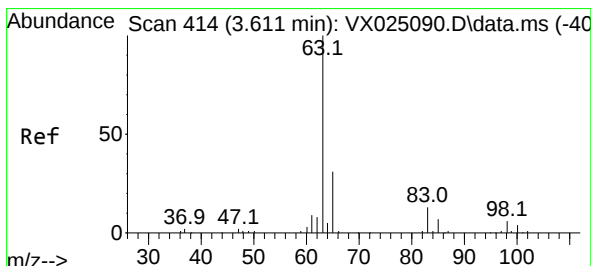
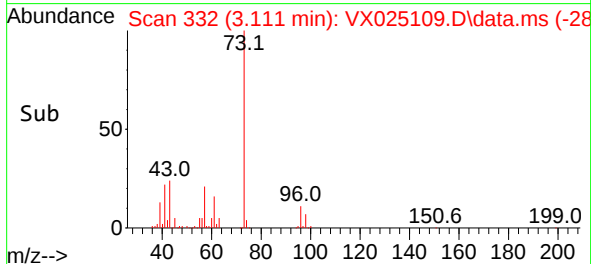
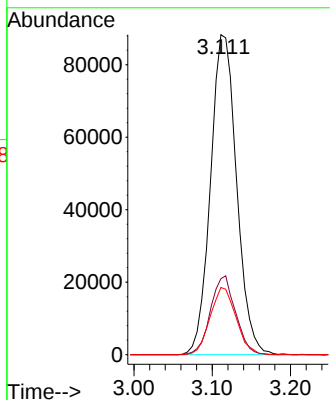
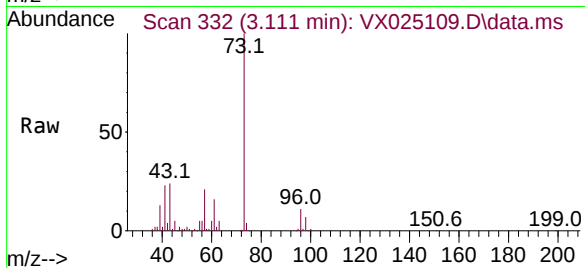




#18  
Methyl tert-butyl Ether  
Concen: 47.256 ug/L  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

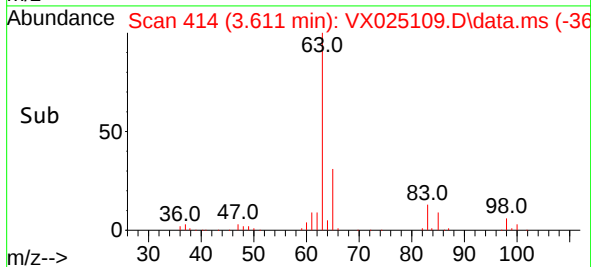
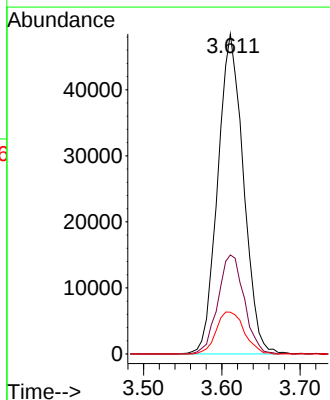
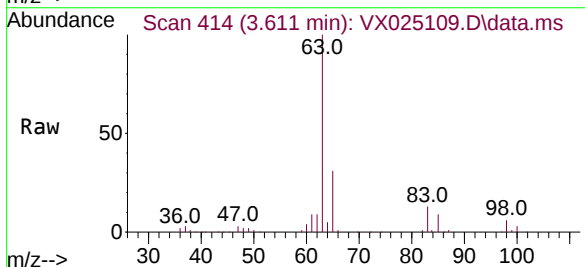
Instrument :  
MSVOA\_X  
ClientSampleId :

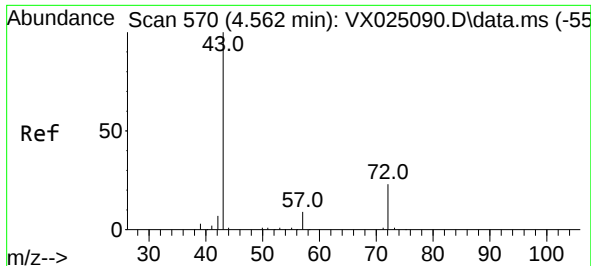
Tgt Ion: 73 Resp: 204679  
Ion Ratio Lower Upper  
73 100  
43 23.6 12.4 18.6#  
57 20.8 13.2 19.8#



#19  
1,1-Dichloroethane  
Concen: 47.332 ug/L  
RT: 3.611 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 63 Resp: 110386  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.5 45.5  
83 13.1 11.7 21.7

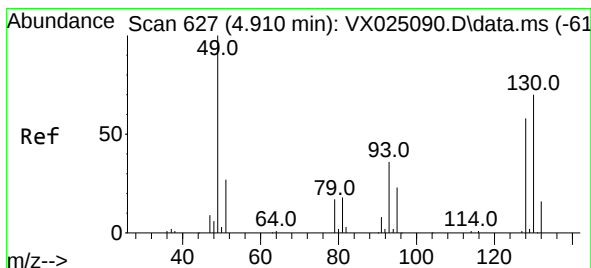
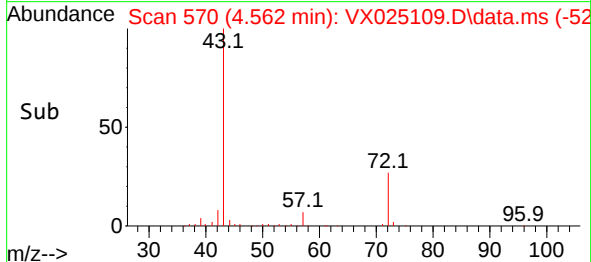
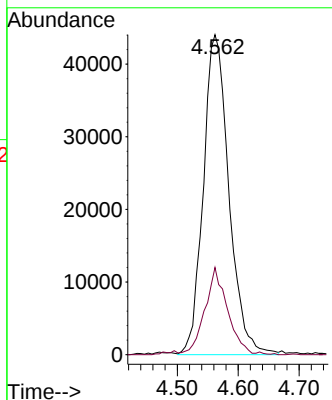
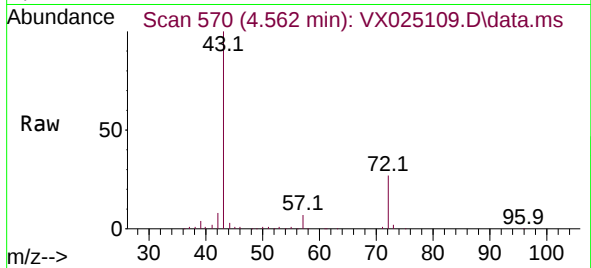




#22  
2-Butanone  
Concen: 115.004 ug/L  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

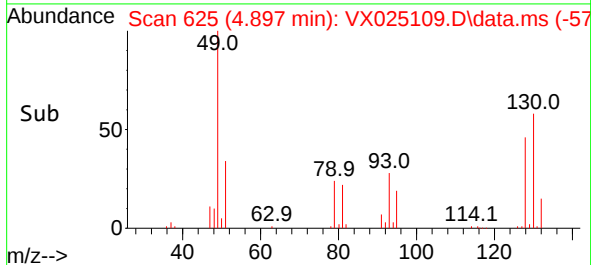
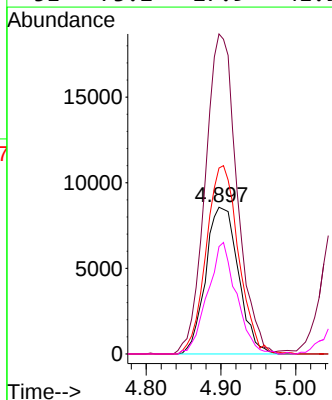
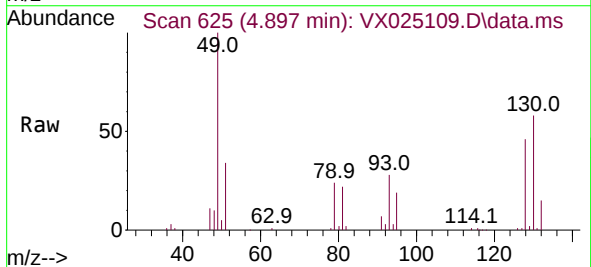
Instrument :  
MSVOA\_X  
ClientSampleId :

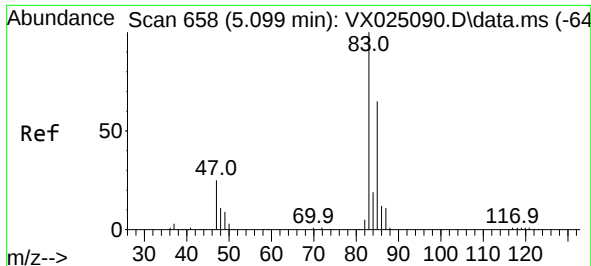
Tgt Ion: 43 Resp: 128720  
Ion Ratio Lower Upper  
43 100  
72 24.0 18.4 55.0



#23  
Bromochloromethane  
Concen: 42.892 ug/L  
RT: 4.897 min Scan# 625  
Delta R.T. -0.012 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion:128 Resp: 26123  
Ion Ratio Lower Upper  
128 100  
49 218.1 71.5 132.7#  
130 126.6 84.3 156.5  
51 73.2 27.9 41.9#

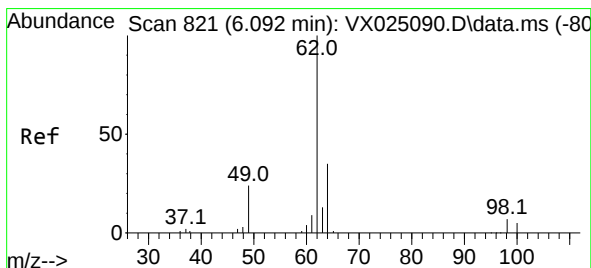
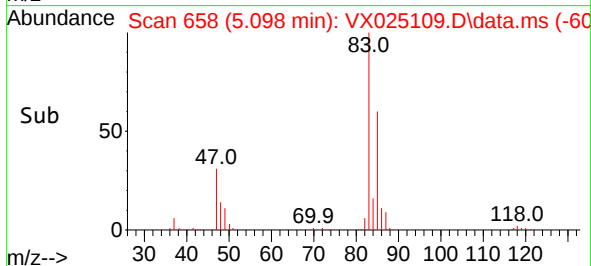
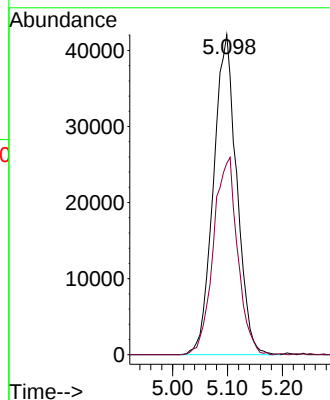
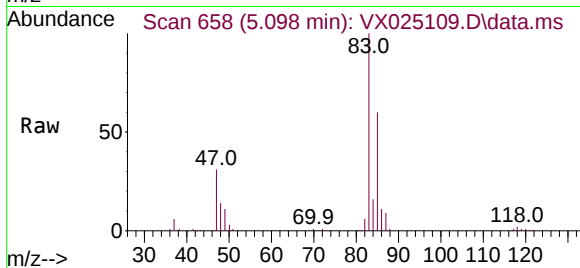




#25  
Chloroform  
Concen: 48.138 ug/L  
RT: 5.098 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

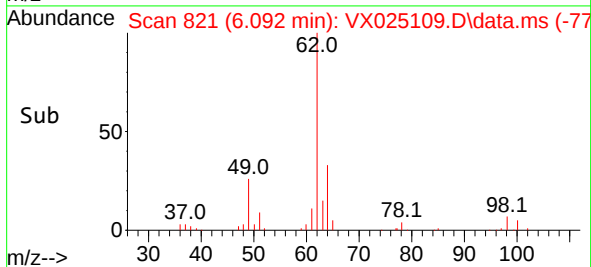
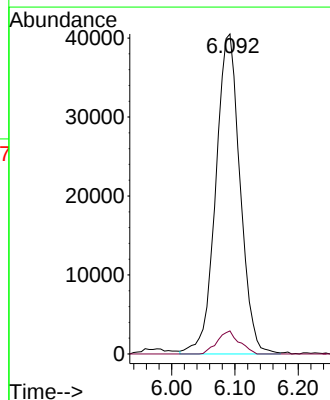
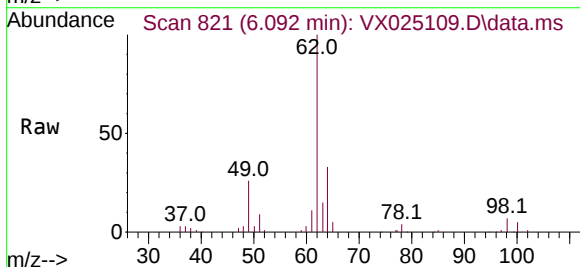
Instrument :  
MSVOA\_X  
ClientSampleId :

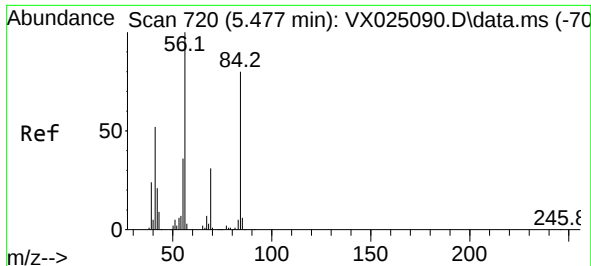
Tgt Ion: 83 Resp: 123920  
Ion Ratio Lower Upper  
83 100  
85 59.8 46.3 86.1



#27  
1,2-Dichloroethane  
Concen: 54.385 ug/L  
RT: 6.092 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

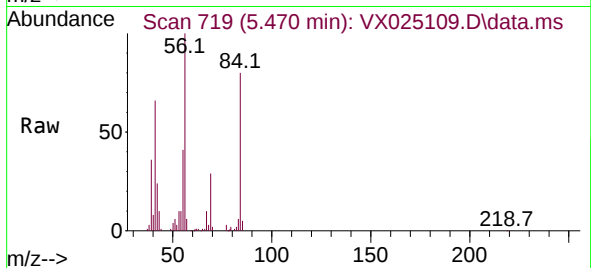
Tgt Ion: 62 Resp: 108134  
Ion Ratio Lower Upper  
62 100  
98 7.2 5.5 8.3



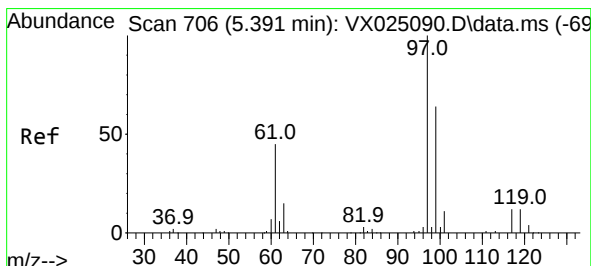
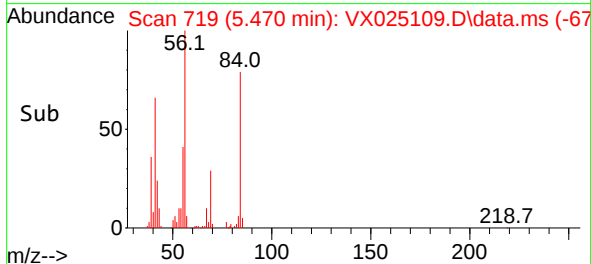
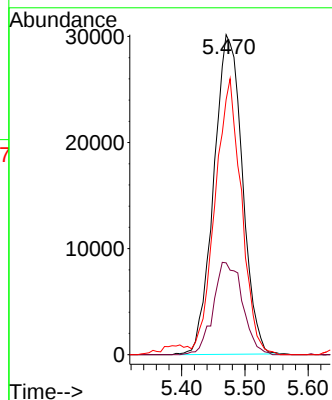


#29  
Cyclohexane  
Concen: 43.415 ug/L  
RT: 5.470 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :

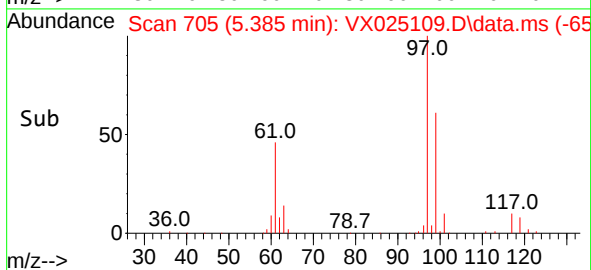
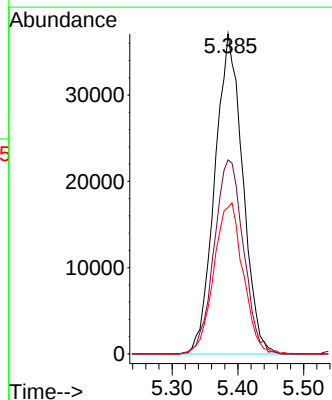
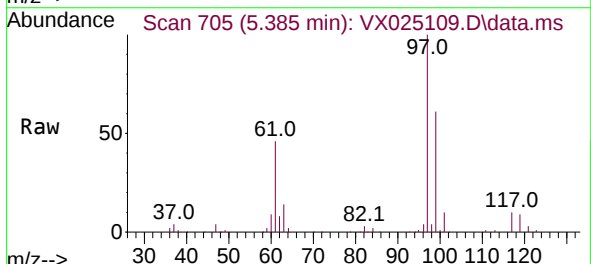


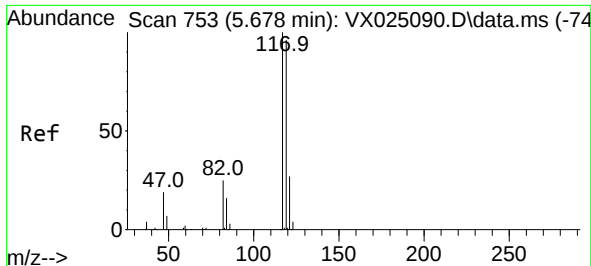
Tgt Ion: 56 Resp: 94445  
Ion Ratio Lower Upper  
56 100  
69 20.9 30.8 46.2#  
84 79.8 86.8 130.2#



#30  
1,1,1-Trichloroethane  
Concen: 42.535 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

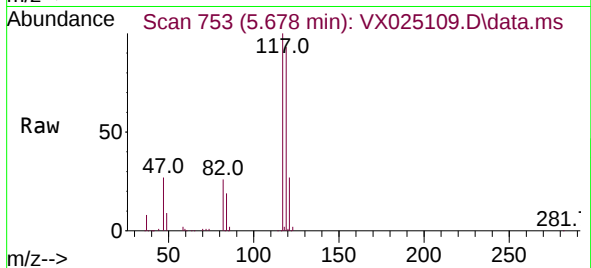
Tgt Ion: 97 Resp: 109518  
Ion Ratio Lower Upper  
97 100  
99 63.5 53.1 79.7  
61 49.5 26.3 39.5#



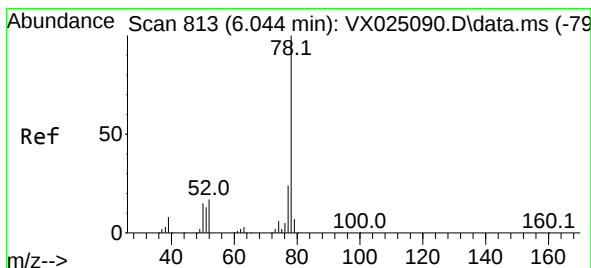
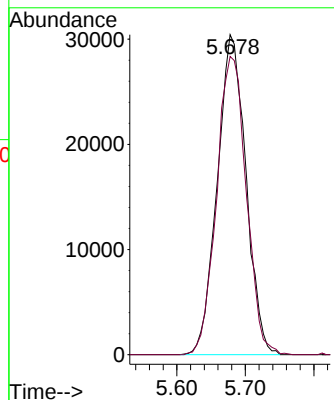
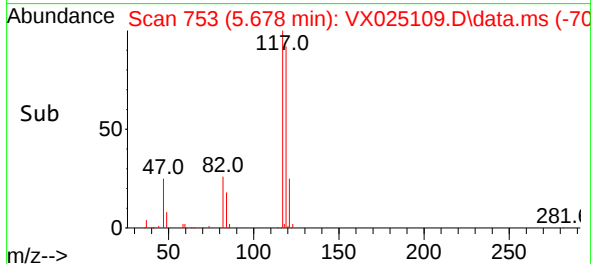


#31  
Carbon tetrachloride  
Concen: 42.833 ug/L  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :

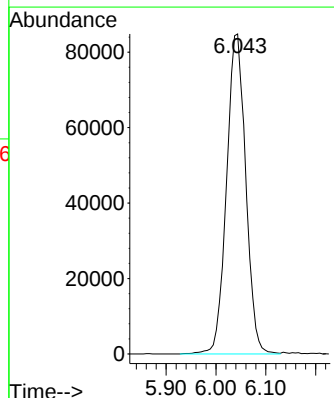
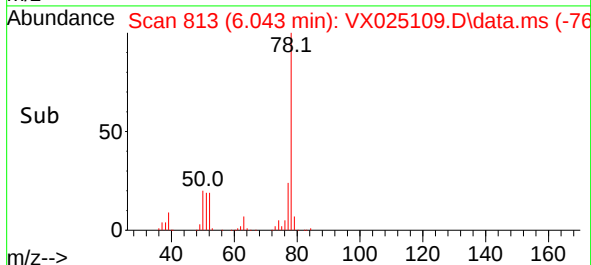
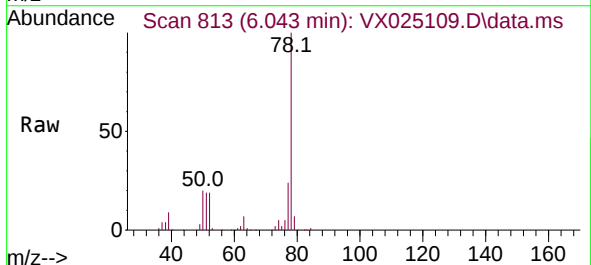


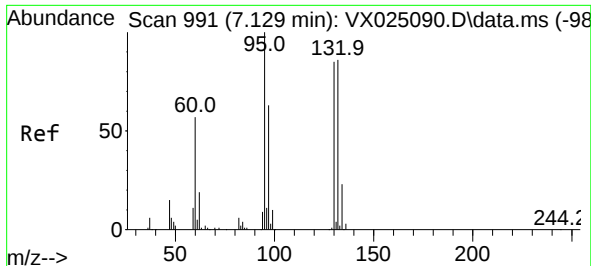
Tgt Ion:117 Resp: 88452  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.0 114.0



#33  
Benzene  
Concen: 42.365 ug/L  
RT: 6.043 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 78 Resp: 226569

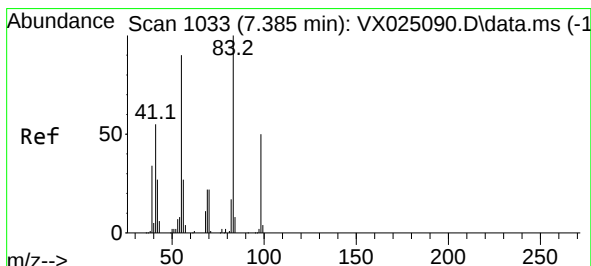
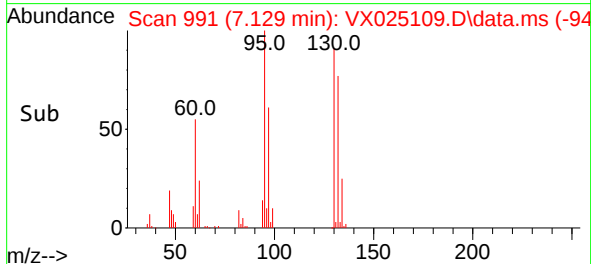
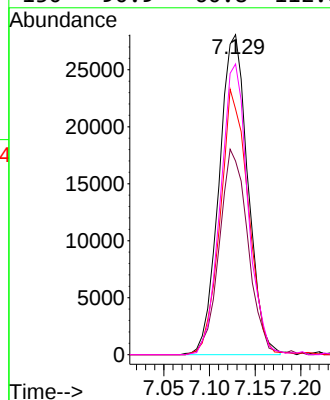
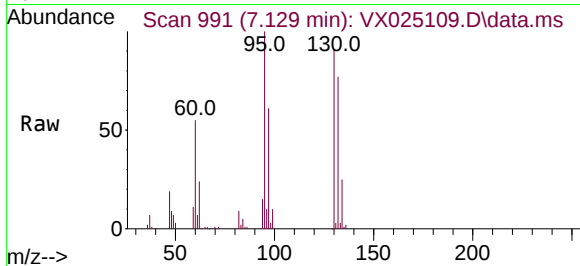




#34  
Trichloroethene  
Concen: 45.339 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

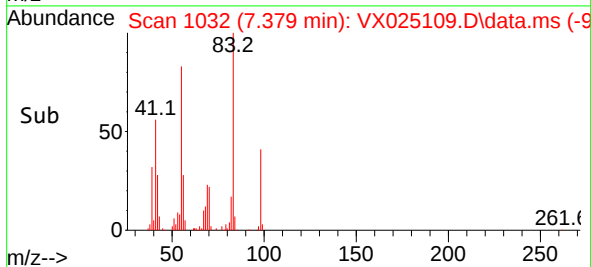
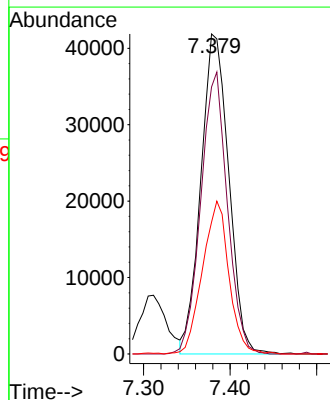
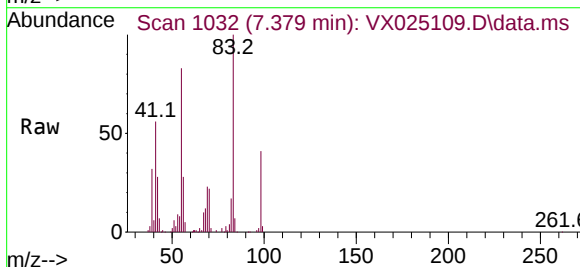
Instrument :  
MSVOA\_X  
ClientSampleId :

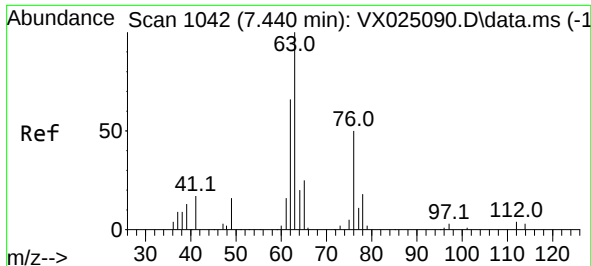
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 61765 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 60.5  | 44.2  | 82.2  |
| 132      | 76.8  | 60.1  | 111.5 |
| 130      | 90.9  | 60.8  | 112.8 |



#35  
Methylcyclohexane  
Concen: 46.242 ug/L  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 93700 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 83.8  | 52.6  | 79.0# |
| 98       | 45.2  | 37.9  | 56.9  |





#37

1,2-Dichloropropane

Concen: 50.484 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

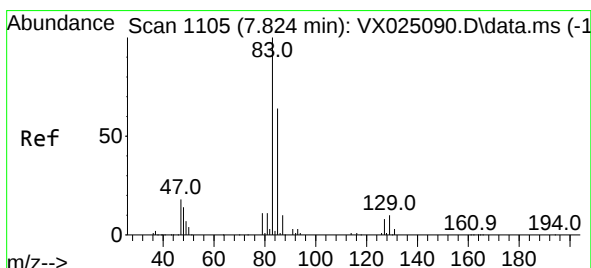
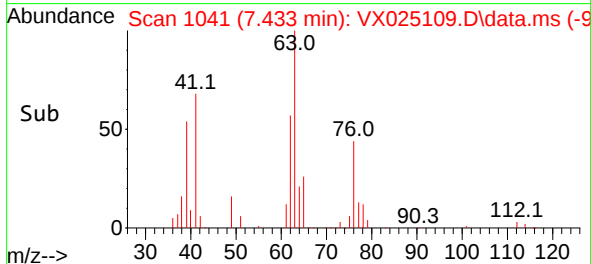
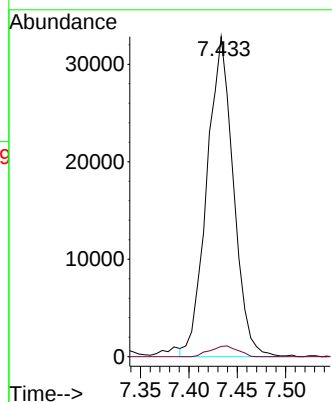
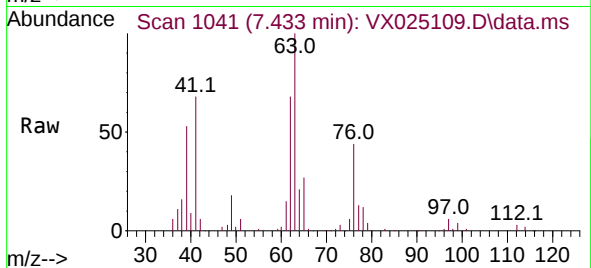
ClientSampleId :

Tgt Ion: 63 Resp: 62699

Ion Ratio Lower Upper

63 100

112 3.5 4.0 6.0#



#38

Bromodichloromethane

Concen: 49.798 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

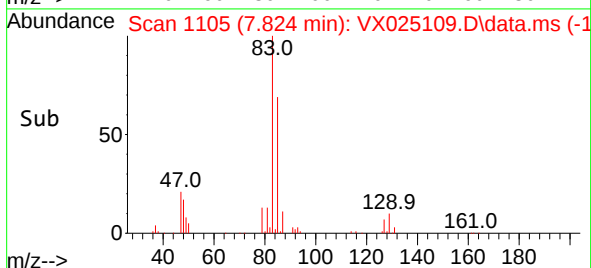
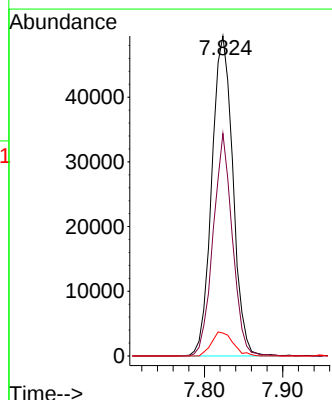
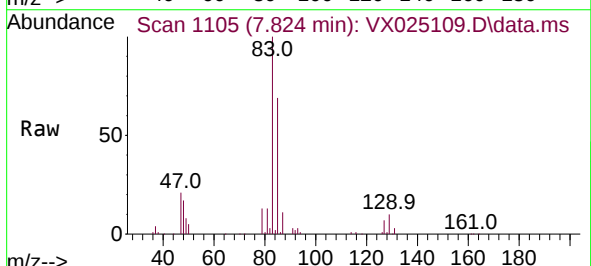
Tgt Ion: 83 Resp: 92519

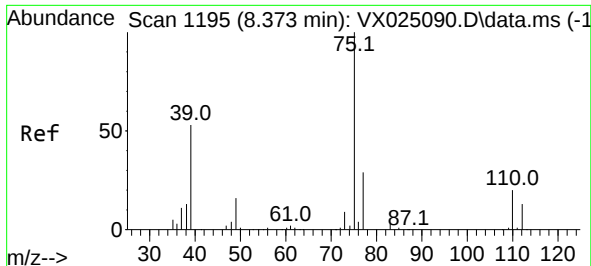
Ion Ratio Lower Upper

83 100

85 69.5 46.8 87.0

127 7.1 8.2 12.2#

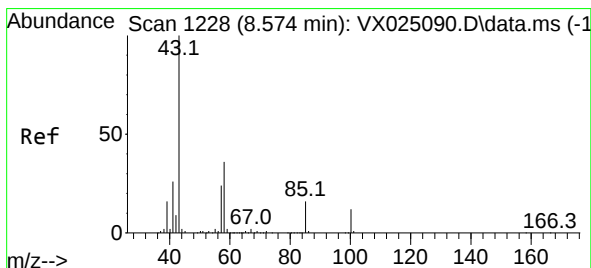
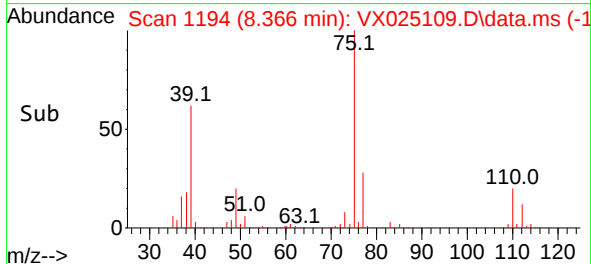
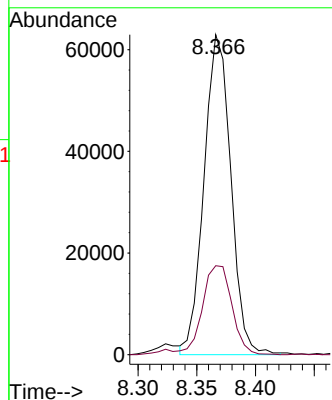
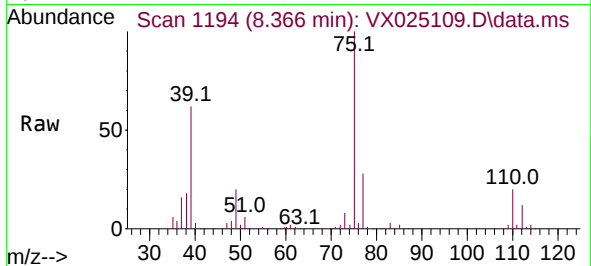




#39  
 cis-1,3-Dichloropropene  
 Concen: 49.947 ug/L  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

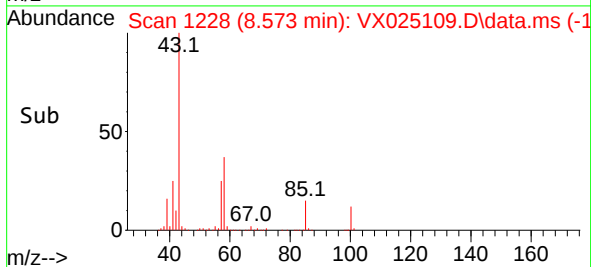
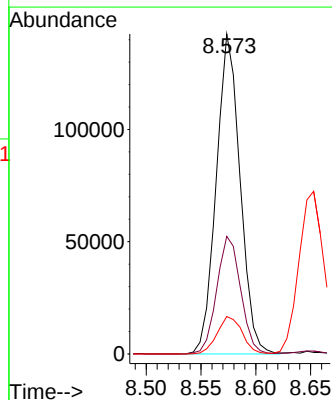
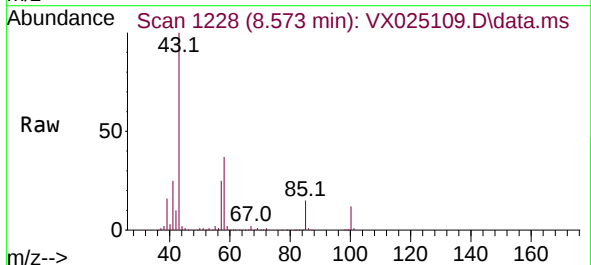
Instrument :  
 MSVOA\_X  
 ClientSampleId :

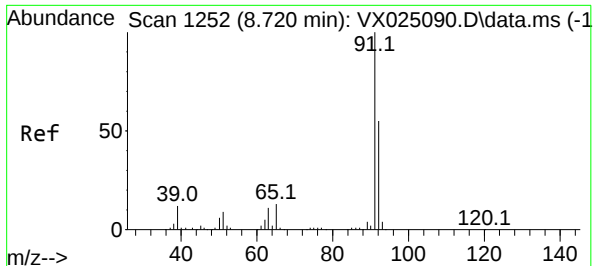
Tgt Ion: 75 Resp: 100122  
 Ion Ratio Lower Upper  
 75 100  
 77 27.8 23.1 42.9



#40  
 4-Methyl-2-pentanone  
 Concen: 111.479 ug/L  
 RT: 8.573 min Scan# 1228  
 Delta R.T. -0.000 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

Tgt Ion: 43 Resp: 215735  
 Ion Ratio Lower Upper  
 43 100  
 58 36.8 41.3 61.9#  
 100 12.3 19.6 29.4#

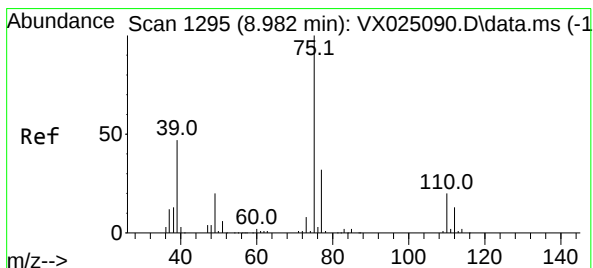
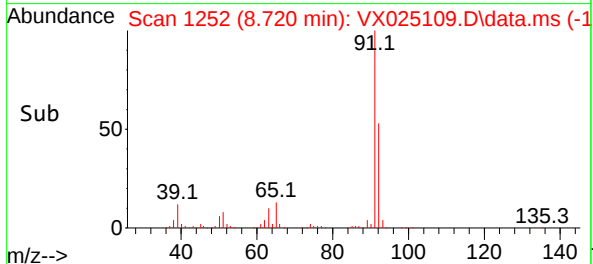
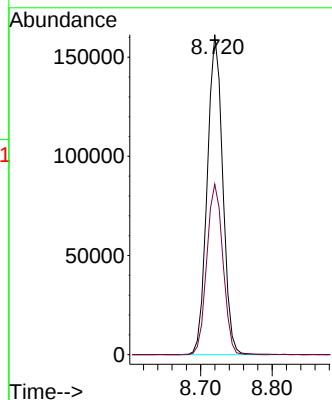
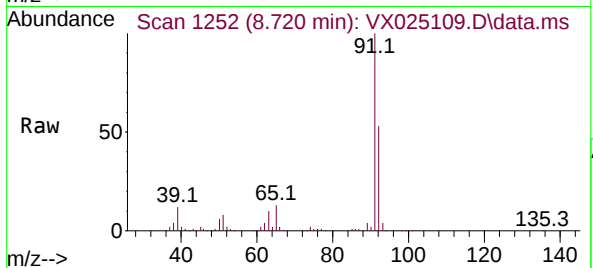




#42  
Toluene  
Concen: 47.748 ug/L  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

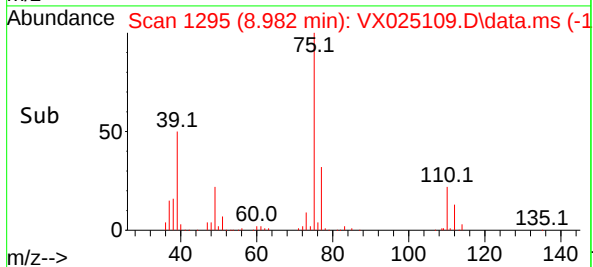
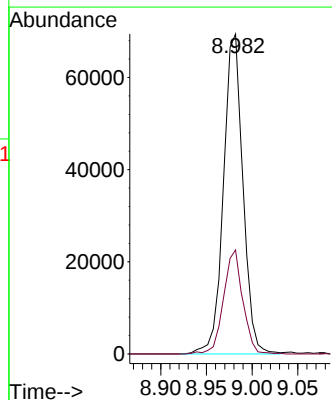
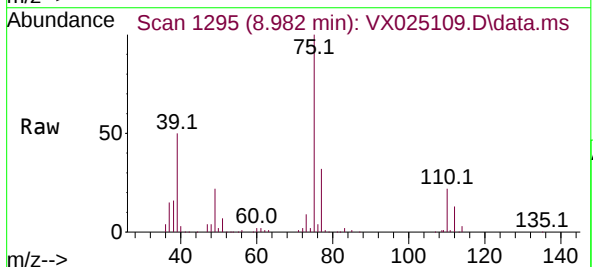
Instrument :  
MSVOA\_X  
ClientSampleId :

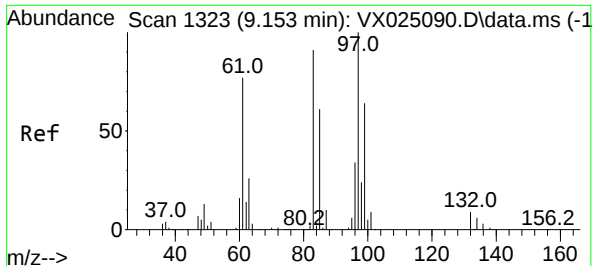
Tgt Ion: 91 Resp: 243103  
Ion Ratio Lower Upper  
91 100  
92 53.3 39.3 72.9



#44  
trans-1,3-Dichloropropene  
Concen: 51.272 ug/L  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 75 Resp: 103049  
Ion Ratio Lower Upper  
75 100  
77 32.5 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 50.112 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 57404

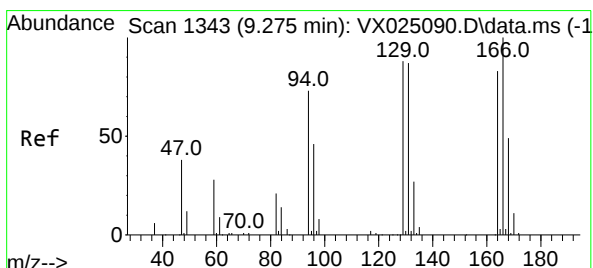
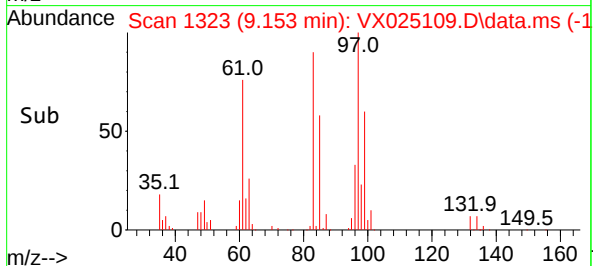
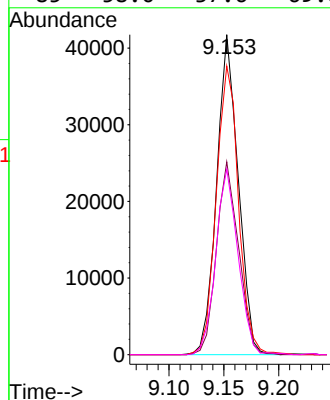
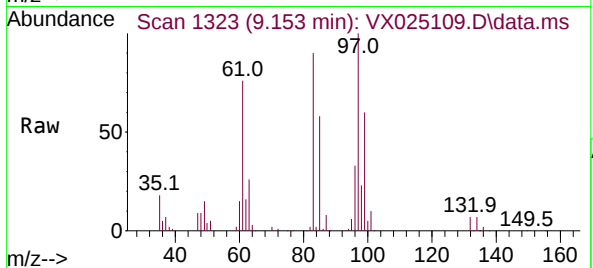
Ion Ratio Lower Upper

97 100

99 60.2 43.5 80.7

83 90.2 58.2 108.0

85 58.0 37.6 69.8



#46

Tetrachloroethene

Concen: 48.144 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Tgt Ion:164 Resp: 36318

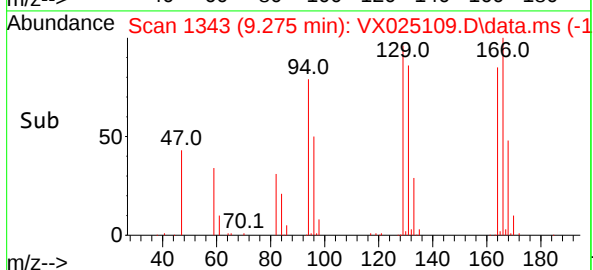
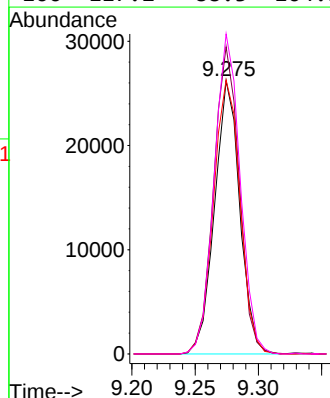
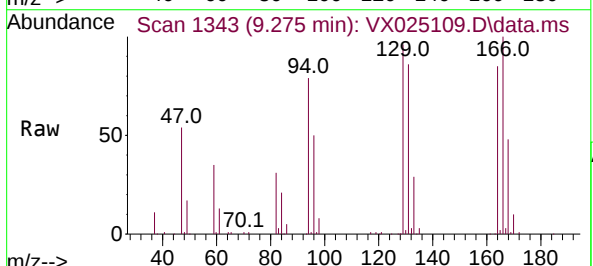
Ion Ratio Lower Upper

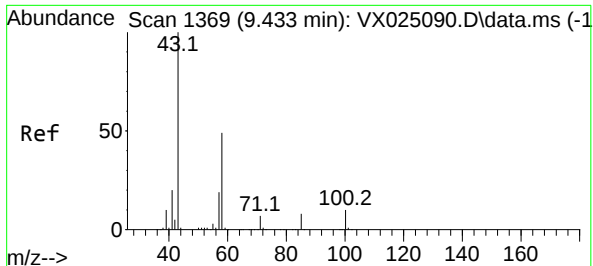
164 100

129 112.5 78.5 145.7

131 100.3 70.5 130.9

166 117.2 88.3 164.1





#48

2-Hexanone

Concen: 114.059 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

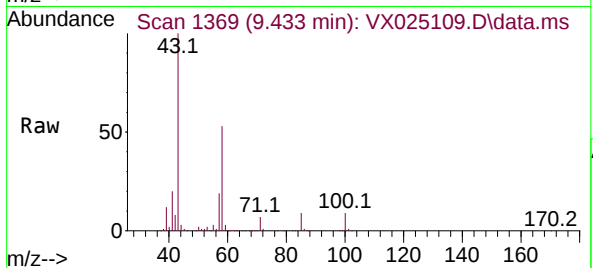
Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 43 Resp: 181641

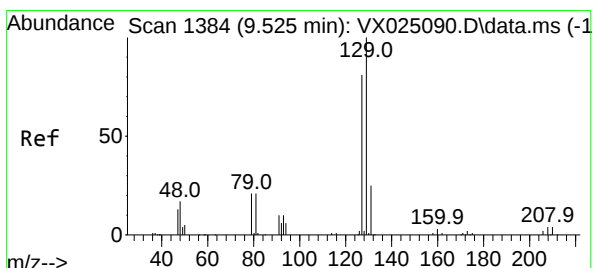
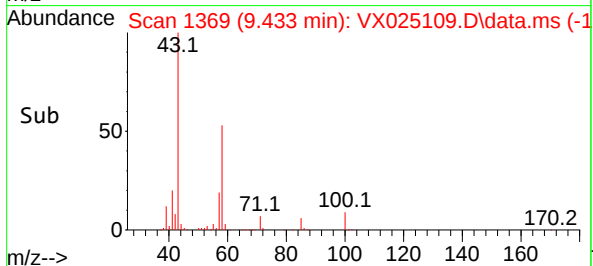
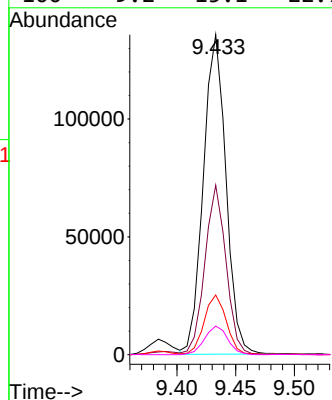
Ion Ratio Lower Upper

43 100

58 49.7 56.0 84.0#

57 18.5 20.4 30.6#

100 9.2 15.1 22.7#



#49

Dibromochloromethane

Concen: 49.476 ug/L

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025109.D

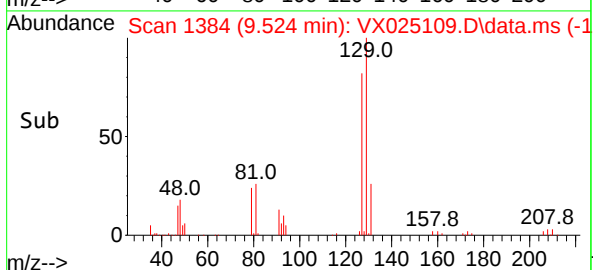
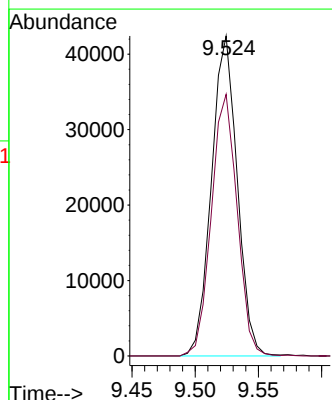
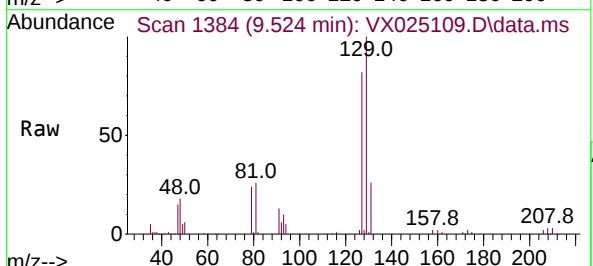
Acq: 09 Nov 2021 10:01

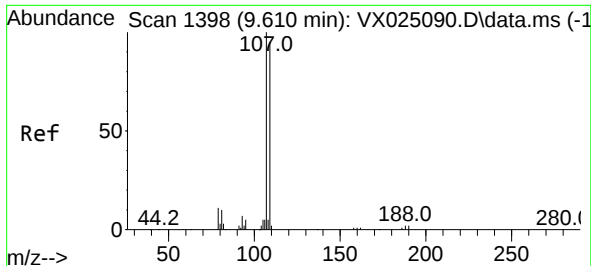
Tgt Ion:129 Resp: 60130

Ion Ratio Lower Upper

129 100

127 81.7 54.1 100.5





#50

1,2-Dibromoethane

Concen: 51.046 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

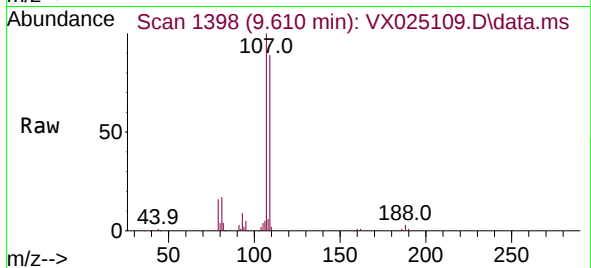
Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

ClientSampleId :



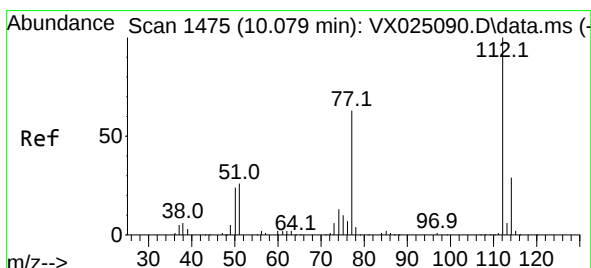
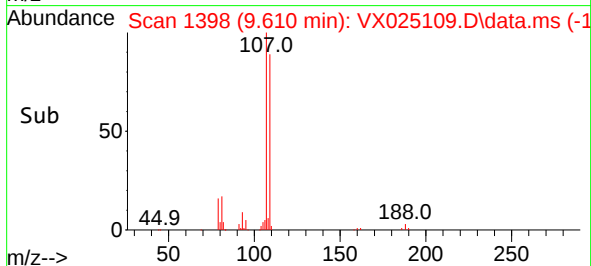
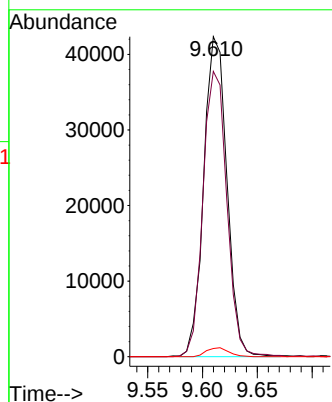
Tgt Ion:107 Resp: 62420

Ion Ratio Lower Upper

107 100

109 89.2 63.8 118.6

188 2.6 2.2 3.2



#51

Chlorobenzene

Concen: 48.784 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

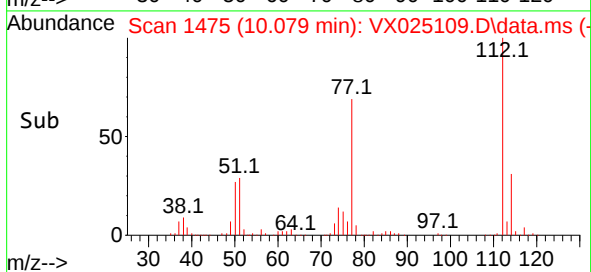
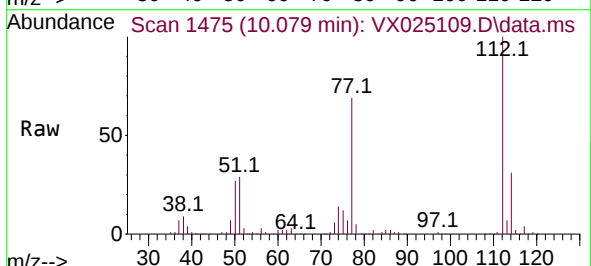
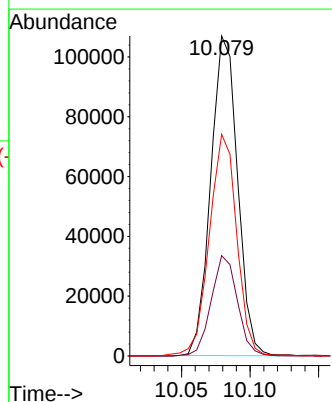
Tgt Ion:112 Resp: 145485

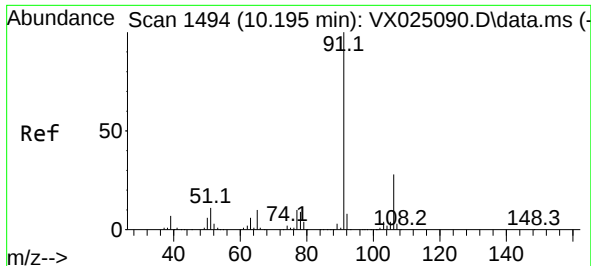
Ion Ratio Lower Upper

112 100

114 31.4 22.7 42.3

77 69.2 46.8 70.2

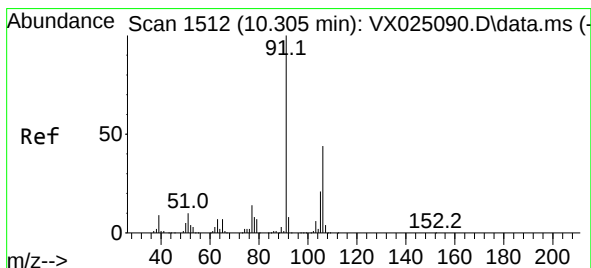
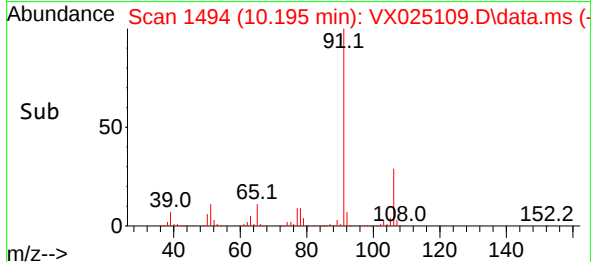
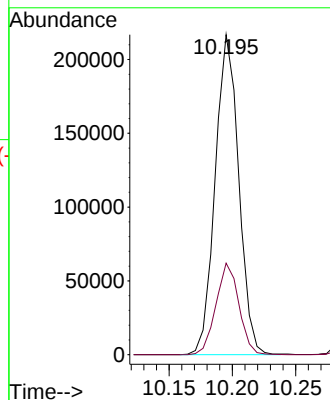
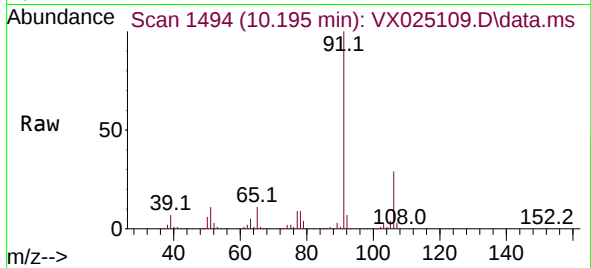




#52  
Ethylbenzene  
Concen: 51.136 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

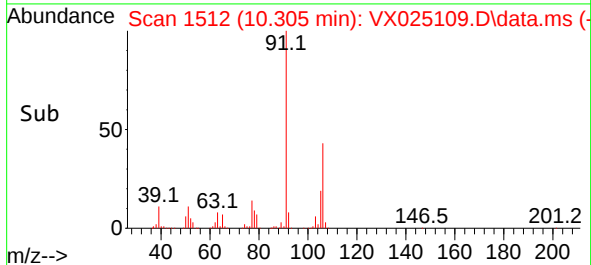
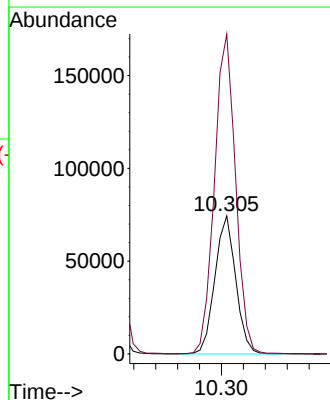
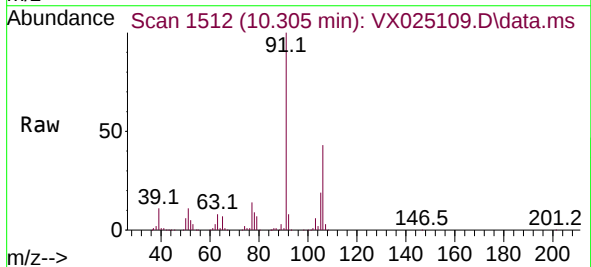
Instrument :  
MSVOA\_X  
ClientSampleId :

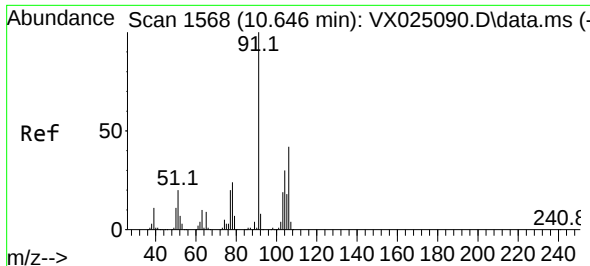
Tgt Ion: 91 Resp: 279914  
Ion Ratio Lower Upper  
91 100  
106 28.6 20.2 37.6



#53  
m,p-Xylene  
Concen: 49.379 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion:106 Resp: 98319  
Ion Ratio Lower Upper  
106 100  
91 231.6 160.2 297.6

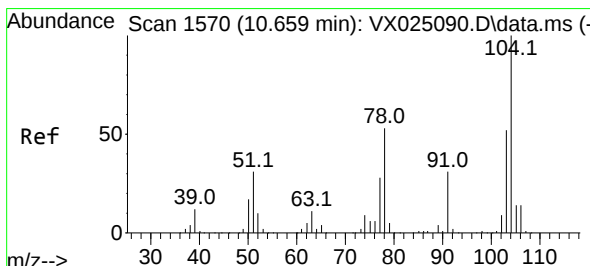
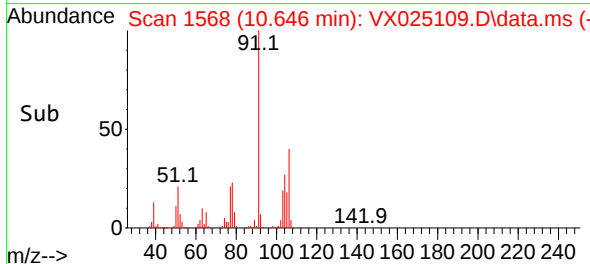
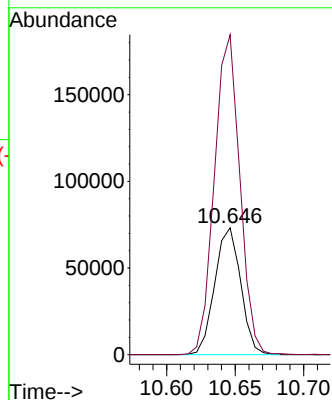
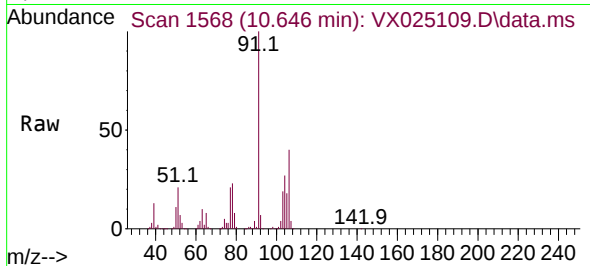




#54  
o-Xylene  
Concen: 51.086 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

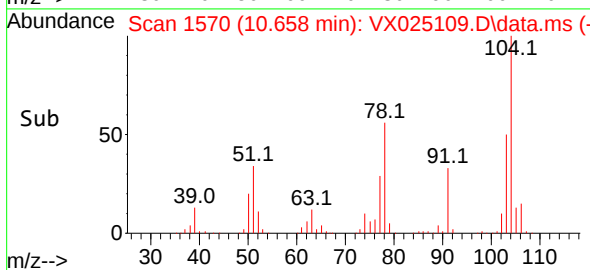
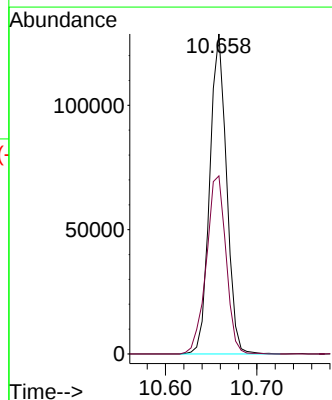
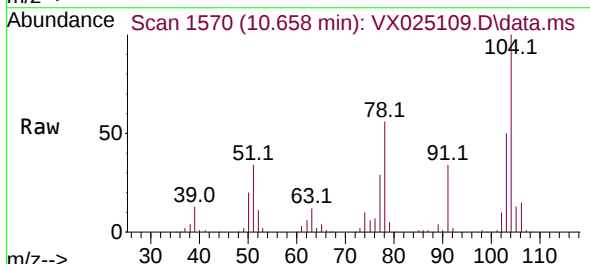
Instrument :  
MSVOA\_X  
ClientSampleId :

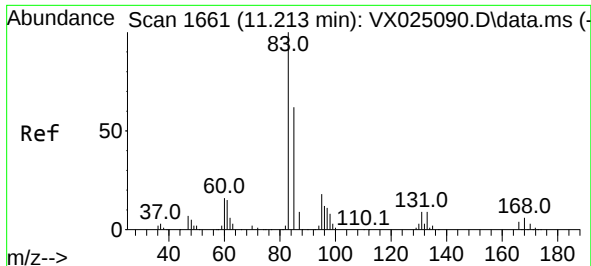
Tgt Ion:106 Resp: 96257  
Ion Ratio Lower Upper  
106 100  
91 252.2 164.4 305.4



#55  
Styrene  
Concen: 50.020 ug/L  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion:104 Resp: 164078  
Ion Ratio Lower Upper  
104 100  
78 55.7 38.2 71.0





#57

1,1,2,2-Tetrachloroethane

Concen: 48.024 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

ClientSampleId :

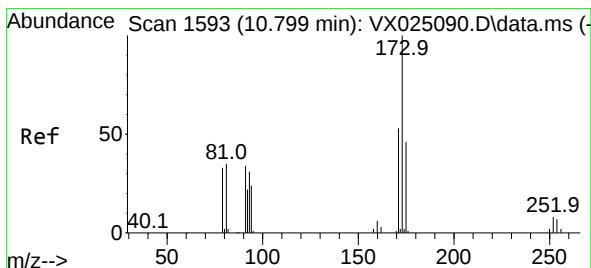
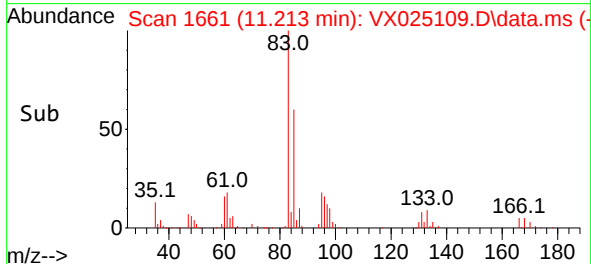
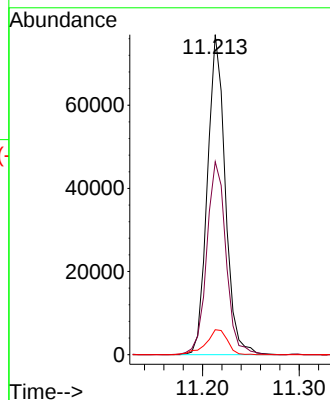
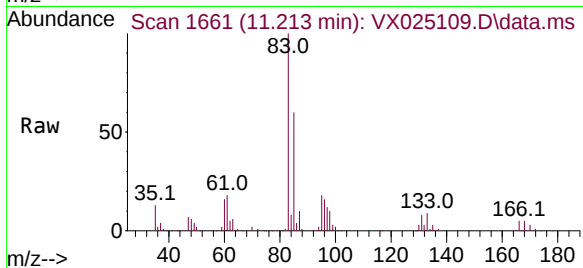
Tgt Ion: 83 Resp: 98399

Ion Ratio Lower Upper

83 100

85 60.3 46.9 87.1

131 7.8 8.7 13.1#



#59

Bromoform

Concen: 49.320 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

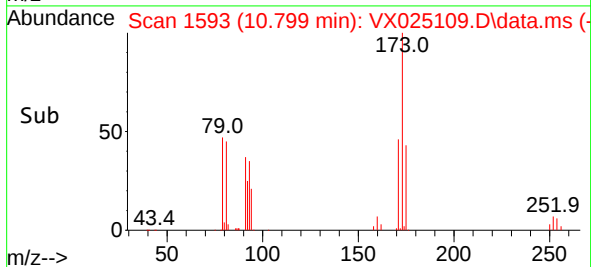
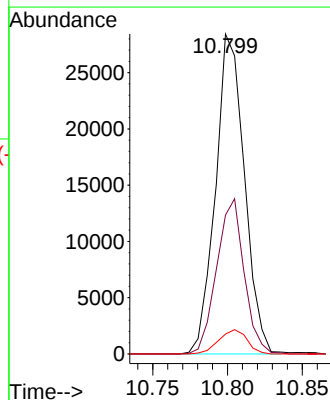
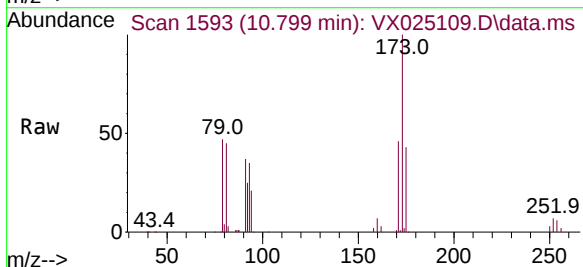
Tgt Ion:173 Resp: 38282

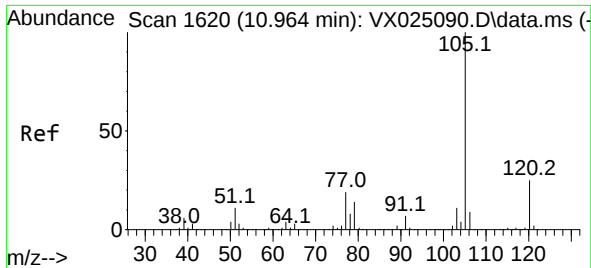
Ion Ratio Lower Upper

173 100

175 45.9 36.6 55.0

254 7.4 4.9 7.3#

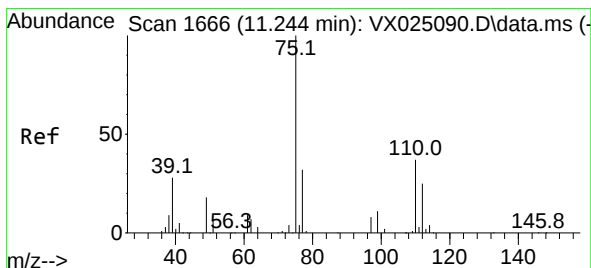
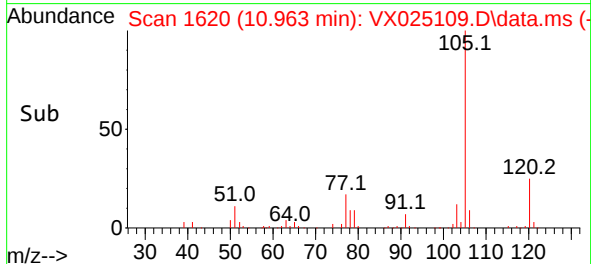
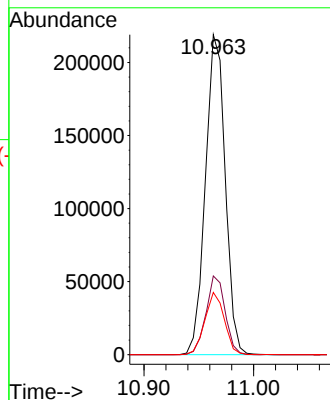
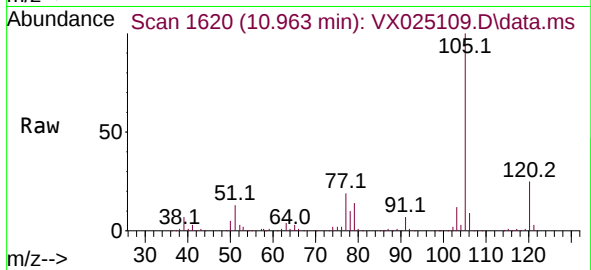




#60  
Isopropylbenzene  
Concen: 49.814 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

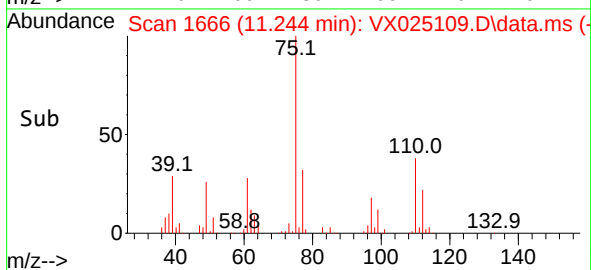
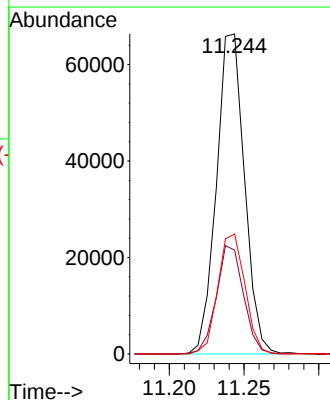
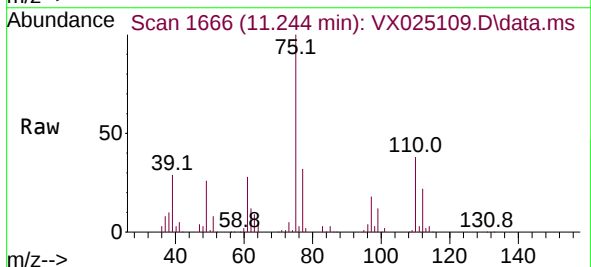
Instrument :  
MSVOA\_X  
ClientSampleId :

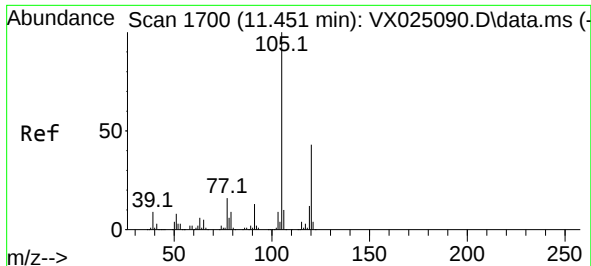
Tgt Ion:105 Resp: 274238  
Ion Ratio Lower Upper  
105 100  
120 23.8 19.8 29.6  
77 19.1 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 54.220 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion: 75 Resp: 86838  
Ion Ratio Lower Upper  
75 100  
77 32.7 26.6 39.8  
110 36.2 37.2 55.8#





#62

1,3,5-Trimethylbenzene

Concen: 51.544 ug/L

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX025109.D

Acq: 09 Nov 2021 10:01

Instrument :

MSVOA\_X

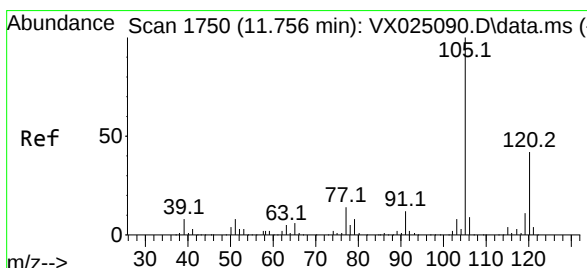
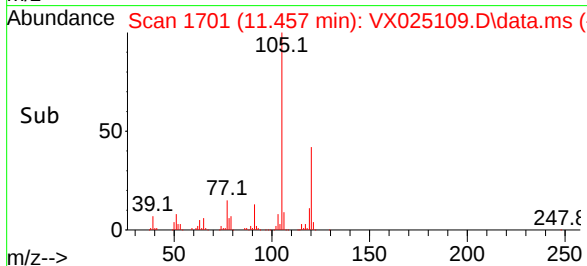
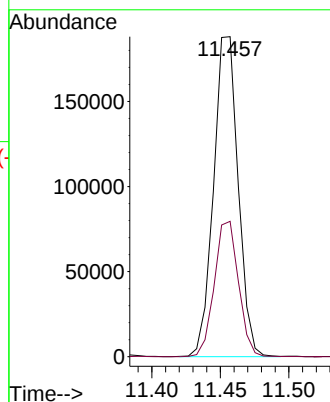
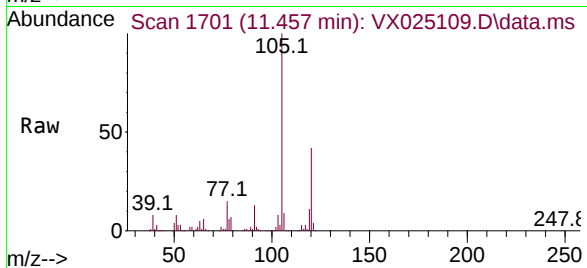
ClientSampleId :

Tgt Ion:105 Resp: 235018

Ion Ratio Lower Upper

105 100

120 41.5 34.4 51.6



#63

1,2,4-Trimethylbenzene

Concen: 52.698 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025109.D

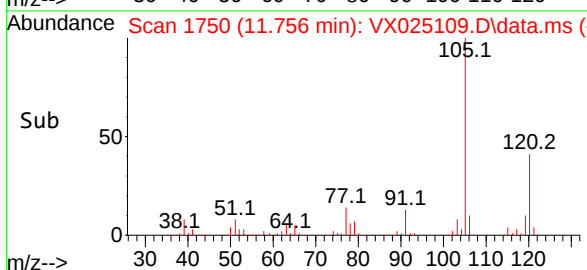
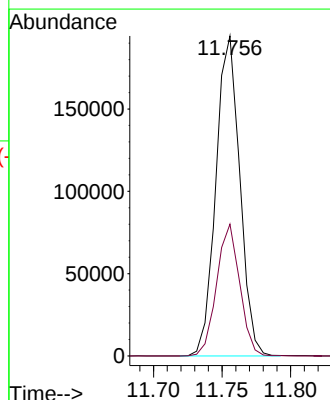
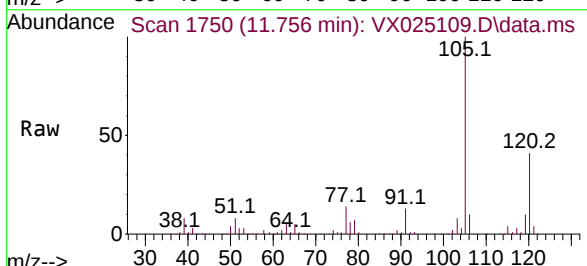
Acq: 09 Nov 2021 10:01

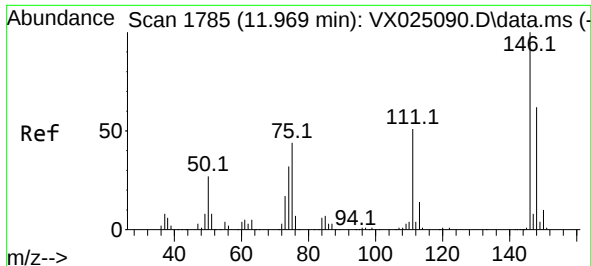
Tgt Ion:105 Resp: 235648

Ion Ratio Lower Upper

105 100

120 39.7 31.0 46.6

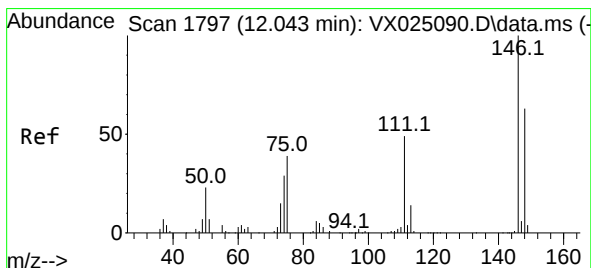
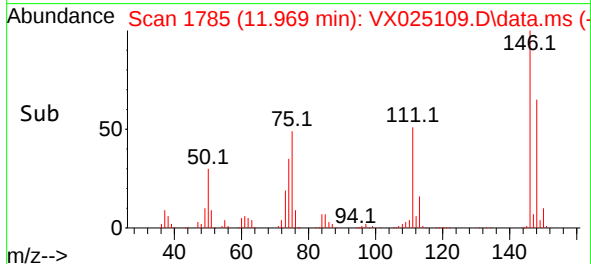
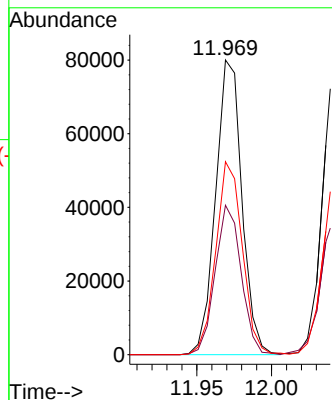
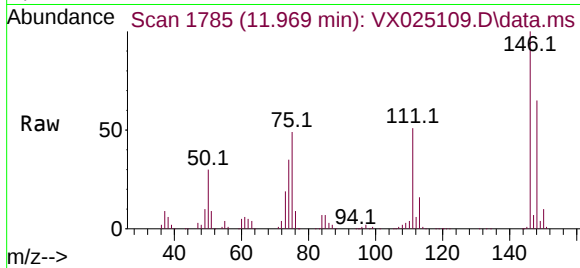




#64  
1,3-Dichlorobenzene  
Concen: 49.161 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

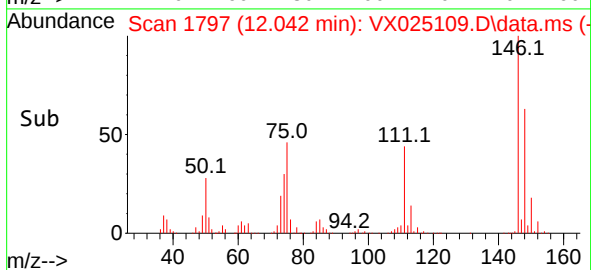
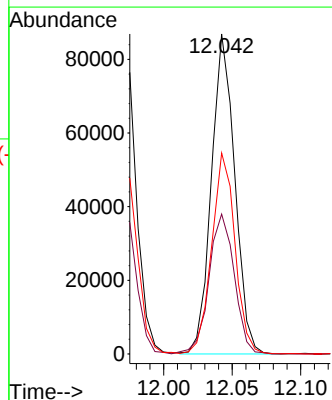
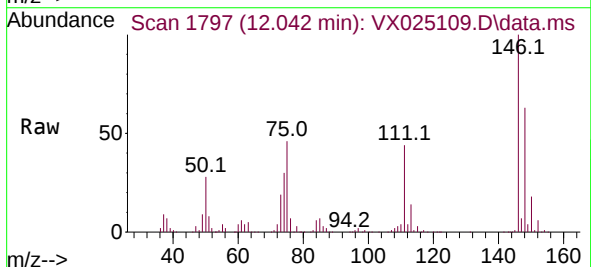
Instrument :  
MSVOA\_X  
ClientSampleId :

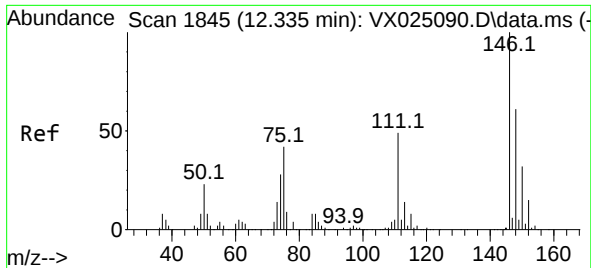
Tgt Ion:146 Resp: 97994  
Ion Ratio Lower Upper  
146 100  
111 50.7 31.1 57.9  
148 65.5 43.2 80.2



#65  
1,4-Dichlorobenzene  
Concen: 50.790 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

Tgt Ion:146 Resp: 102928  
Ion Ratio Lower Upper  
146 100  
111 43.7 31.8 59.0  
148 62.8 46.1 85.5

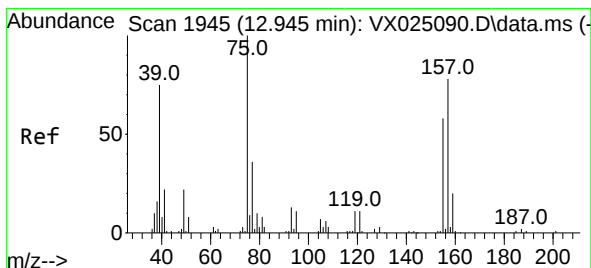
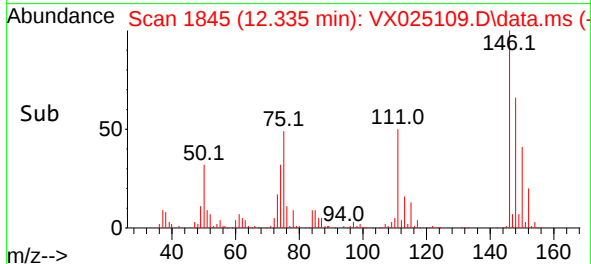
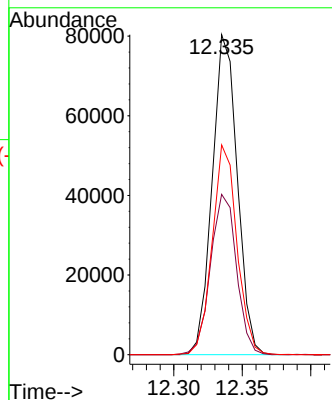
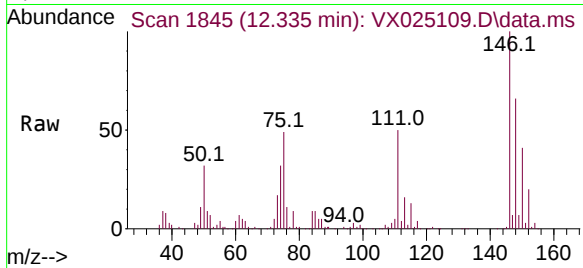




#67  
1,2-Dichlorobenzene  
Concen: 49.618 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

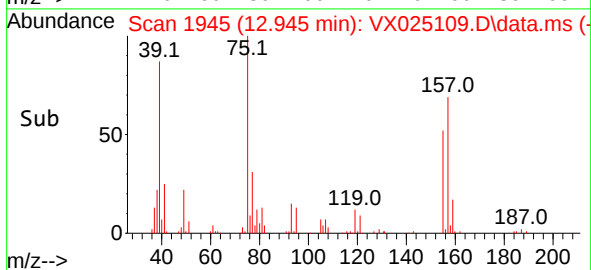
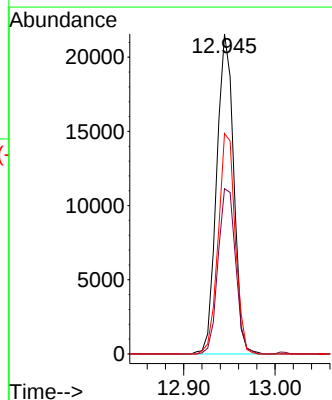
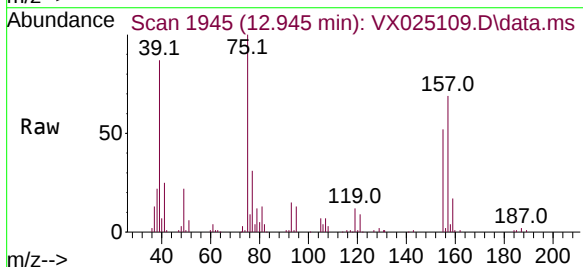
Instrument :  
MSVOA\_X  
ClientSampleId :

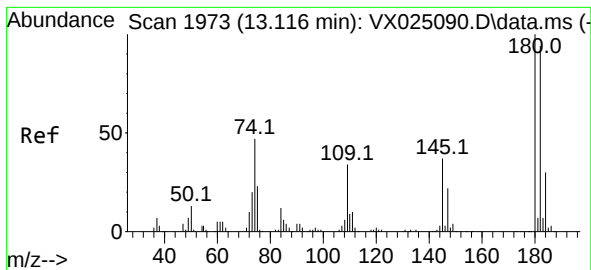
Tgt Ion:146 Resp: 102065  
Ion Ratio Lower Upper  
146 100  
111 50.1 38.5 57.7  
148 65.5 53.2 79.8



#68  
1,2-Dibromo-3-chloropropane  
Concen: 56.049 ug/L  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

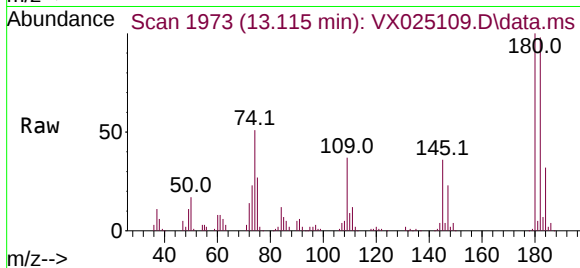
Tgt Ion: 75 Resp: 27877  
Ion Ratio Lower Upper  
75 100  
155 51.6 59.3 88.9#  
157 68.9 68.7 103.1



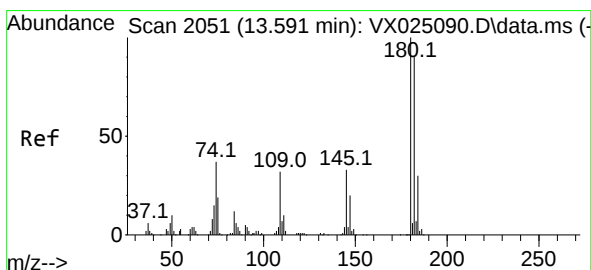
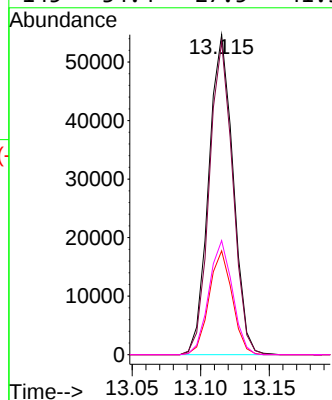
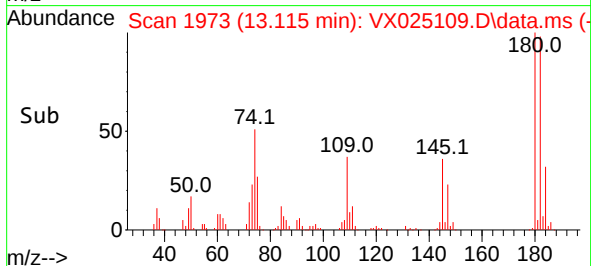


#69  
 1,3,5-Trichlorobenzene  
 Concen: 47.266 ug/L  
 RT: 13.115 min Scan# 1973  
 Delta R.T. -0.000 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01

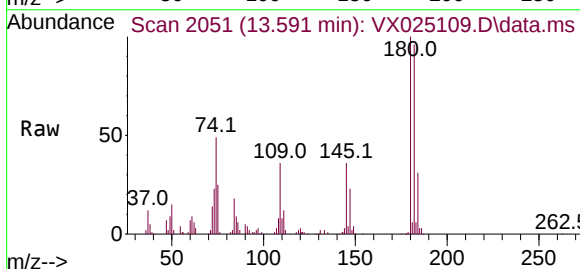
Instrument :  
 MSVOA\_X  
 ClientSampleId :



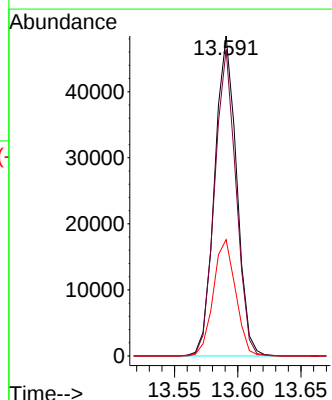
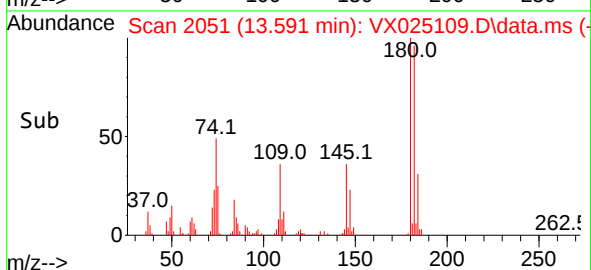
Tgt Ion:180 Resp: 67551  
 Ion Ratio Lower Upper  
 180 100  
 182 93.7 74.2 111.4  
 184 30.8 23.7 35.5  
 145 34.4 27.5 41.3

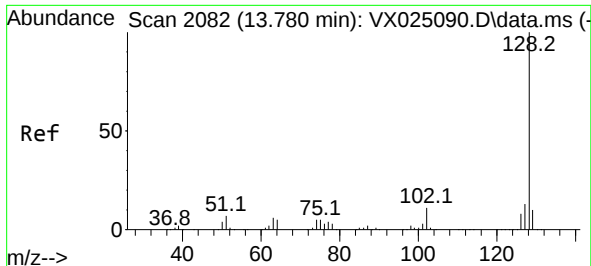


#70  
 1,2,4-trichlorobenzene  
 Concen: 47.656 ug/L  
 RT: 13.591 min Scan# 2051  
 Delta R.T. -0.000 min  
 Lab File: VX025109.D  
 Acq: 09 Nov 2021 10:01



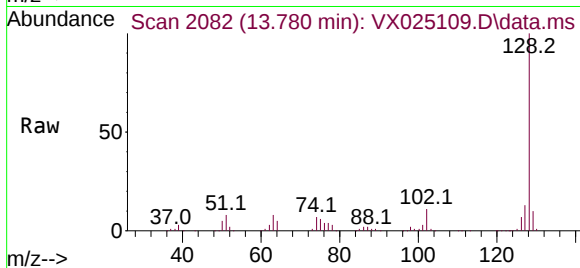
Tgt Ion:180 Resp: 58330  
 Ion Ratio Lower Upper  
 180 100  
 182 92.0 76.4 114.6  
 145 36.9 28.8 43.2



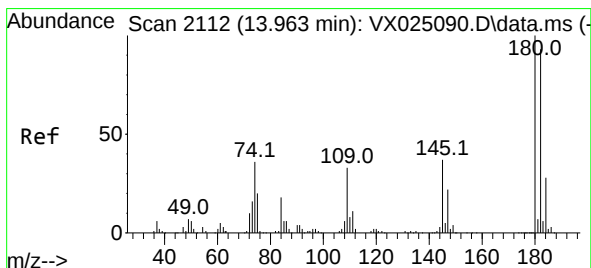
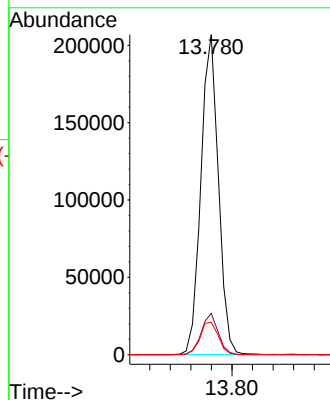
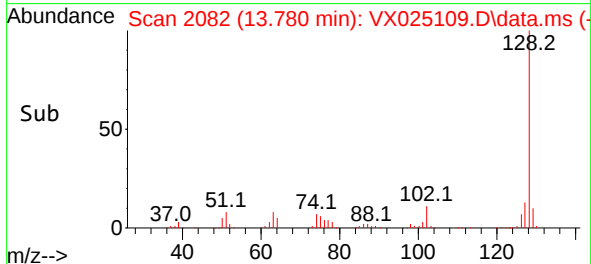


#71  
Naphthalene  
Concen: 55.519 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01

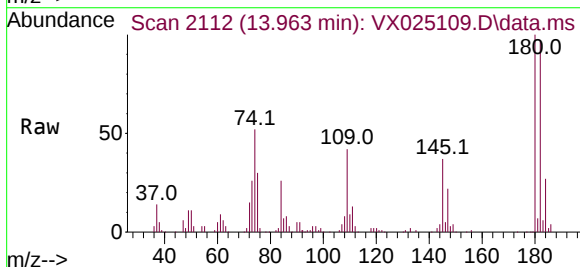
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 244514  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.6 15.8  
129 10.7 9.1 13.7



#72  
1,2,3-Trichlorobenzene  
Concen: 49.005 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX025109.D  
Acq: 09 Nov 2021 10:01



Tgt Ion:180 Resp: 58845  
Ion Ratio Lower Upper  
180 100  
182 96.1 73.3 109.9  
145 38.3 29.0 43.4

