

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101024\  
 Data File : VX043349.D  
 Acq On : 10 Oct 2024 13:14  
 Operator : JC/MD  
 Sample : VX1010WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 11 01:42:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

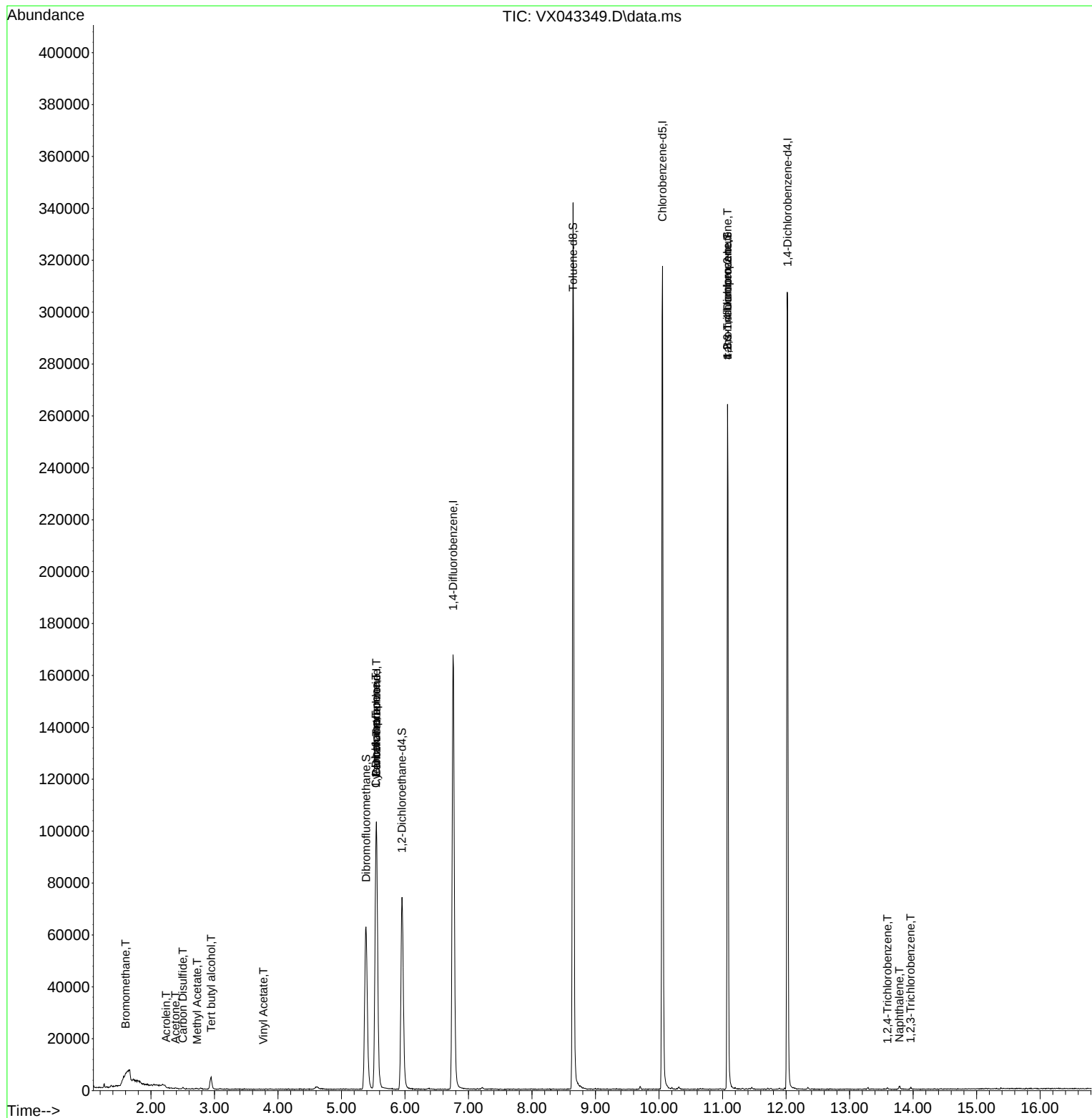
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.549  | 168   | 93897    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 170241   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 142719   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 62964    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 76608    | 49.957   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 99.920%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 56124    | 47.804   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 95.600%  |
| 50) Toluene-d8                | 8.646  | 98    | 200201   | 49.206   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 98.420%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 70115    | 47.436   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | =      | 94.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Bromomethane               | 1.599  | 94    | 184      | 0.400    | ug/l # | 2        |
| 11) Tert butyl alcohol        | 2.946  | 59    | 2640     | 9.047    | ug/l # | 71       |
| 13) Acrolein                  | 2.239  | 56    | 198      | 0.718    | ug/l   | 84       |
| 16) Acetone                   | 2.385  | 43    | 558      | 0.871    | ug/l # | 47       |
| 17) Carbon Disulfide          | 2.501  | 76    | 570      | 0.225    | ug/l # | 84       |
| 18) Methyl Acetate            | 2.727  | 43    | 478      | 0.298    | ug/l # | 51       |
| 23) Vinyl Acetate             | 3.769  | 43    | 75       | 6.358    | ug/l # | 71       |
| 31) Cyclohexane               | 5.543  | 56    | 2381     | 1.439    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.543  | 75    | 8199     | 5.528    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.549  | 117   | 10522    | 5.993    | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 39010    | 27.932   | ug/l # | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 39010    | 72.390   | ug/l # | 8        |
| 93) 1,2,4-Trichlorobenzene    | 13.597 | 180   | 269      | 0.217    | ug/l # | 73       |
| 95) Naphthalene               | 13.786 | 128   | 1534     | 0.337    | ug/l # | 85       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180   | 298      | 0.233    | ug/l   | 95       |
| -----                         |        |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101024\  
Data File : VX043349.D  
Acq On : 10 Oct 2024 13:14  
Operator : JC/MD  
Sample : VX1010WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 11 01:42:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration



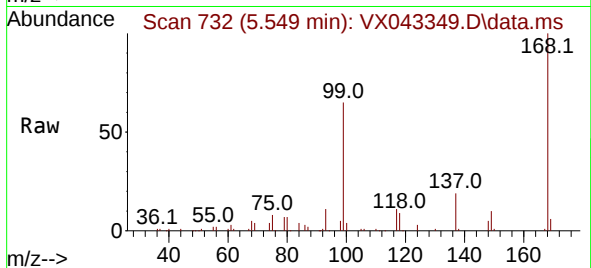


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

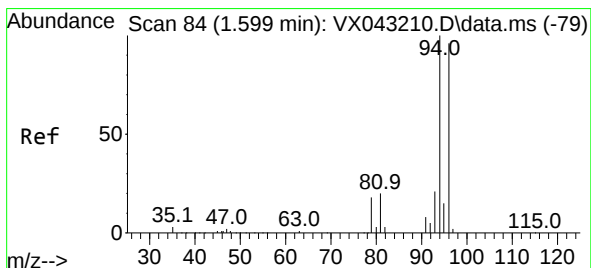
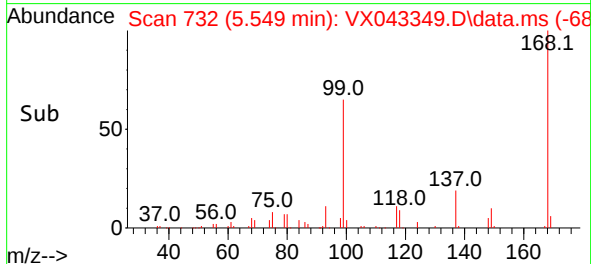
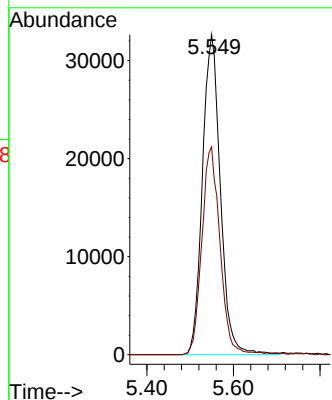
Instrument :

MSVOA\_X

ClientSampleId :

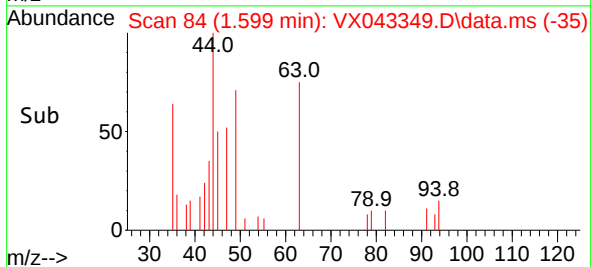
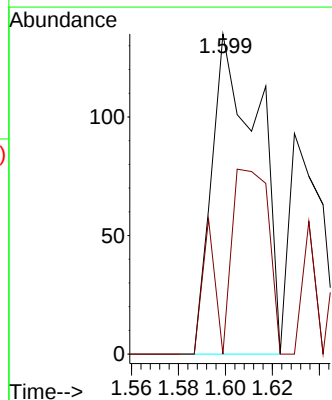
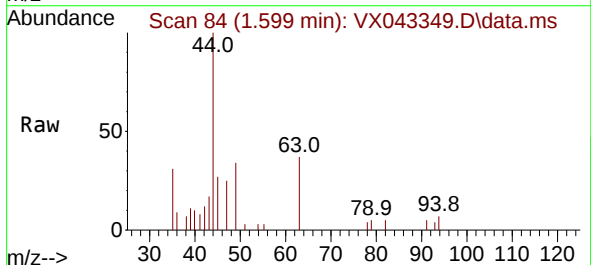


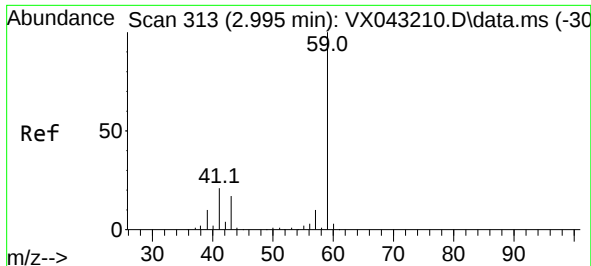
Tgt Ion:168 Resp: 93897  
Ion Ratio Lower Upper  
168 100  
99 64.9 49.7 74.5



#5  
Bromomethane  
Concen: 0.400 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

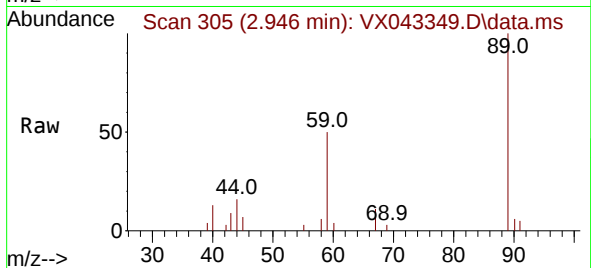
Tgt Ion: 94 Resp: 184  
Ion Ratio Lower Upper  
94 100  
96 0.0 76.6 115.0#



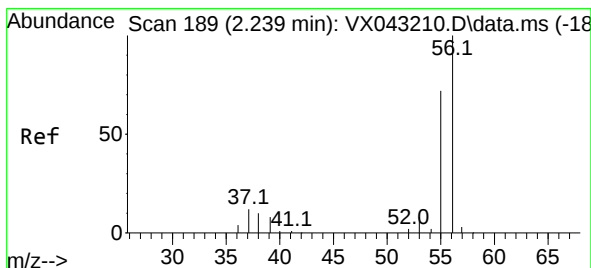
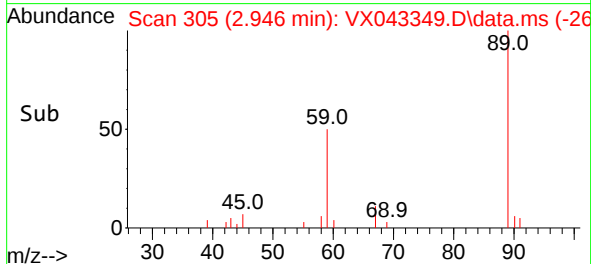
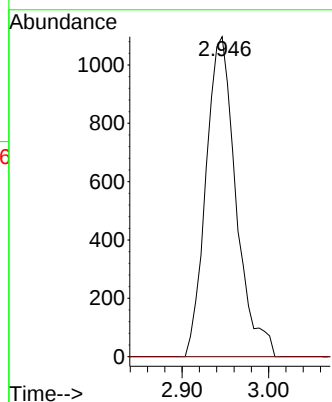


#11  
Tert butyl alcohol  
Concen: 9.047 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.049 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Instrument :  
MSVOA\_X  
ClientSampleId :

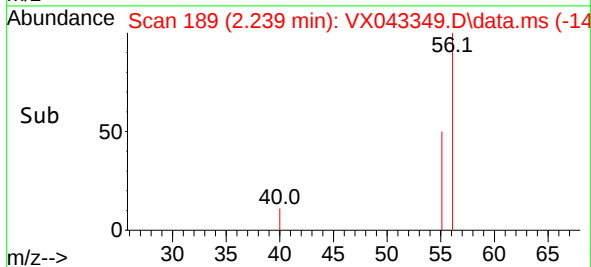
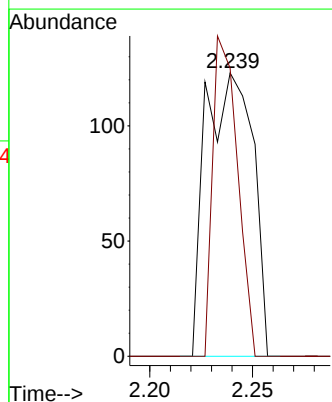
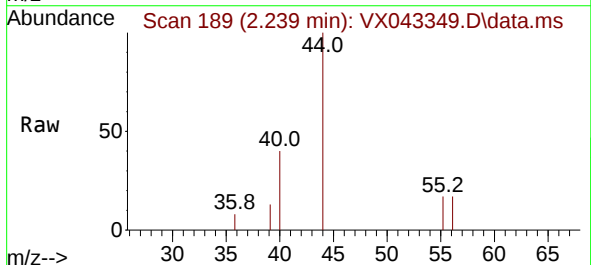


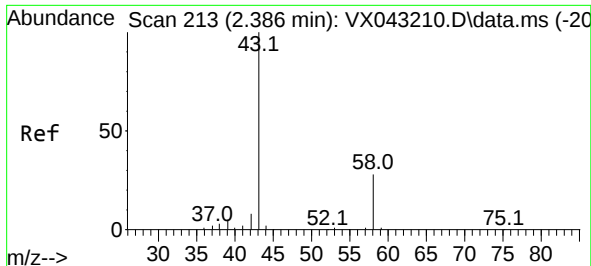
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Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 13.0#



#13  
Acrolein  
Concen: 0.718 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 56 Resp: 198  
Ion Ratio Lower Upper  
56 100  
55 58.6 57.4 86.0

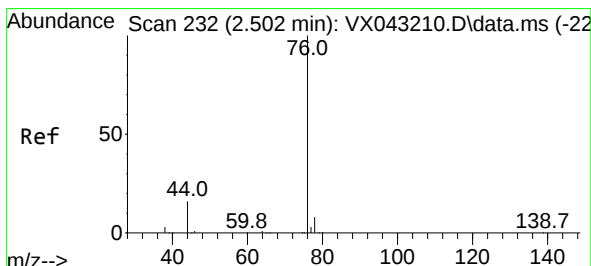
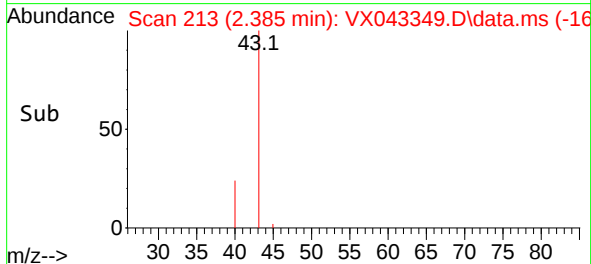
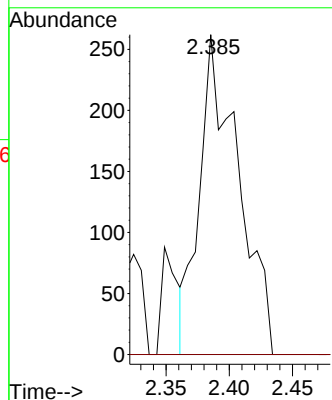
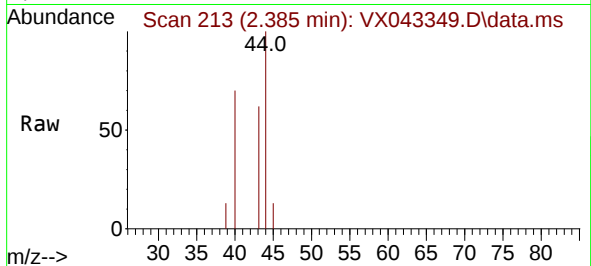




#16  
Acetone  
Concen: 0.871 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.001 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

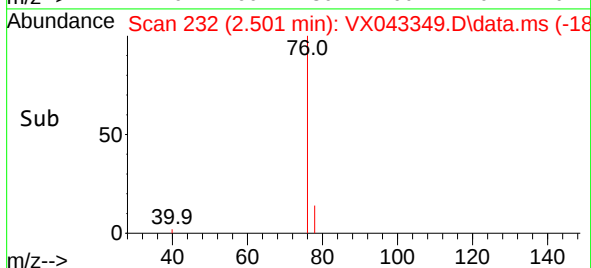
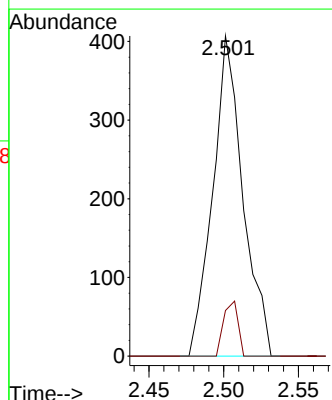
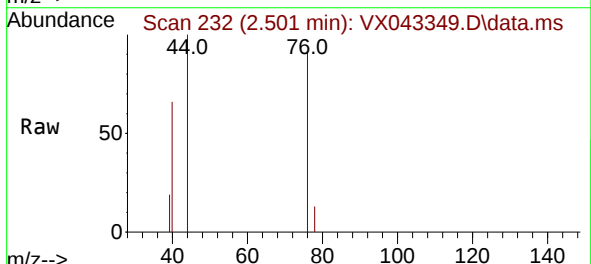
Instrument :  
MSVOA\_X  
ClientSampleId :

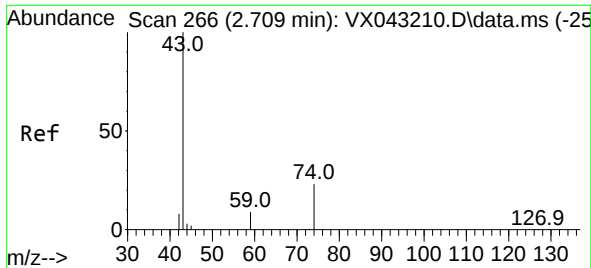
Tgt Ion: 43 Resp: 558  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.6 33.8#



#17  
Carbon Disulfide  
Concen: 0.225 ug/l  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 76 Resp: 570  
Ion Ratio Lower Upper  
76 100  
78 14.3 6.7 10.1#

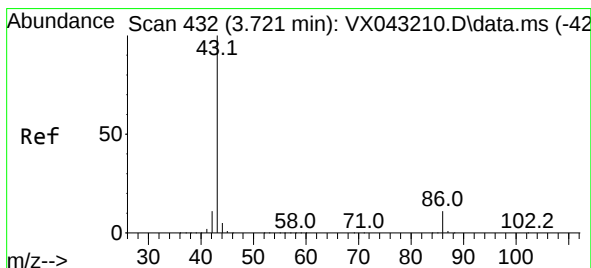
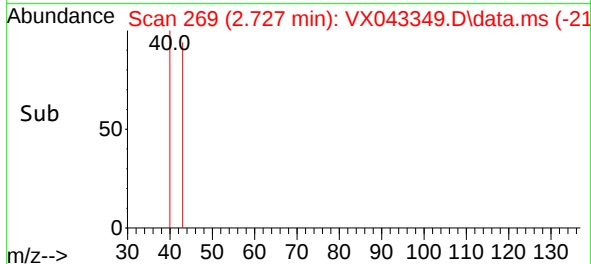
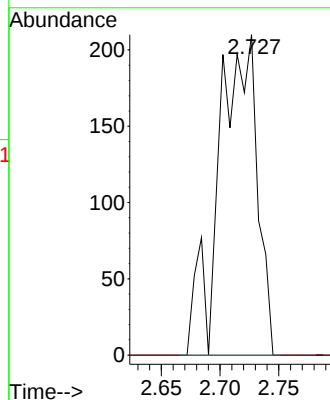
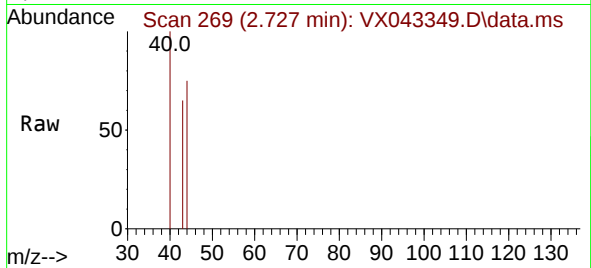




#18  
Methyl Acetate  
Concen: 0.298 ug/l  
RT: 2.727 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

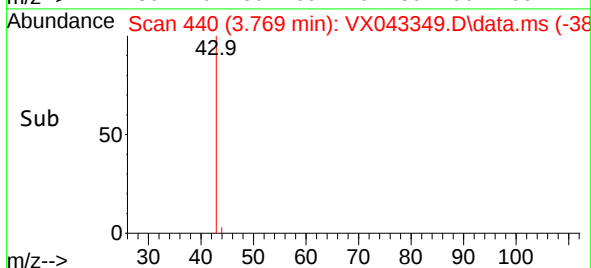
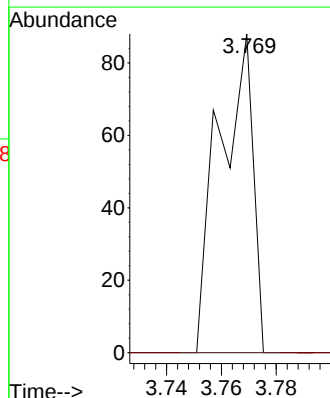
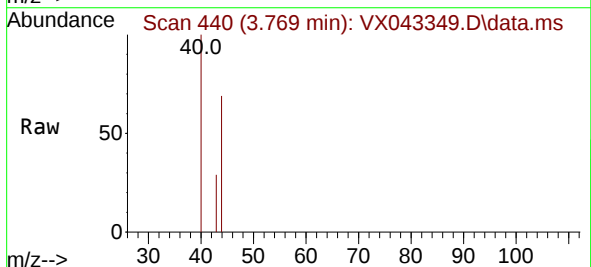
Instrument :  
MSVOA\_X  
ClientSampleId :

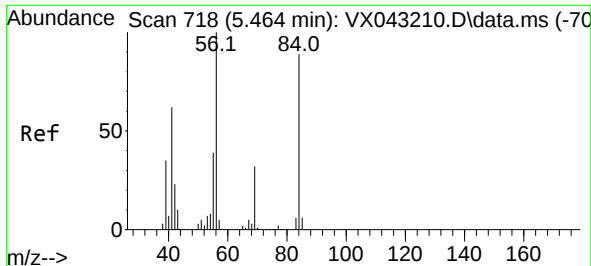
Tgt Ion: 43 Resp: 478  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.1 28.7#



#23  
Vinyl Acetate  
Concen: 6.358 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. 0.048 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

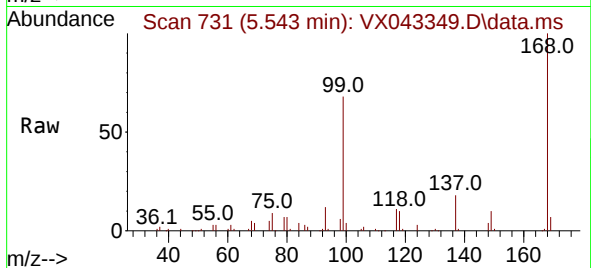
Tgt Ion: 43 Resp: 75  
Ion Ratio Lower Upper  
43 100  
86 0.0 8.8 13.2#



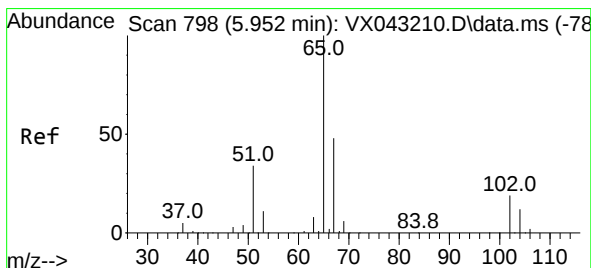
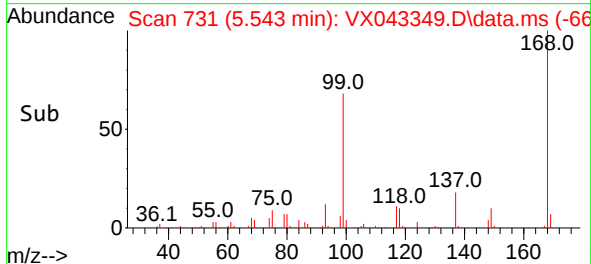
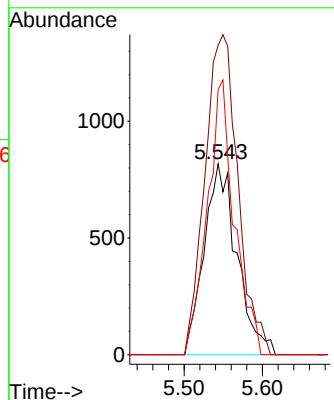


#31  
Cyclohexane  
Concen: 1.439 ug/l  
RT: 5.543 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Instrument :  
MSVOA\_X  
ClientSampleId :

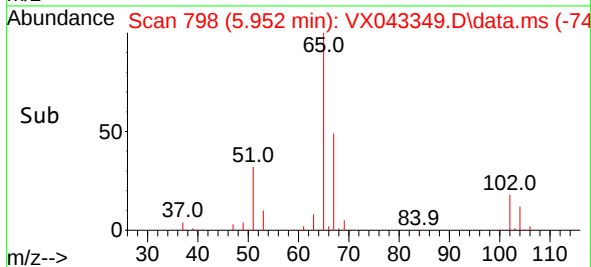
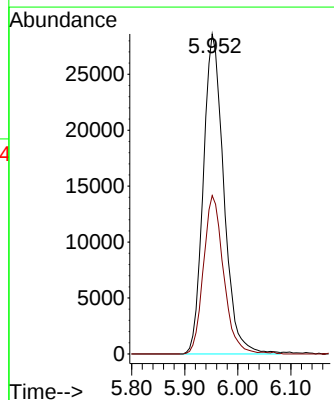
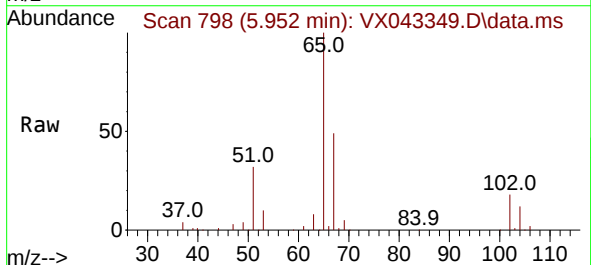


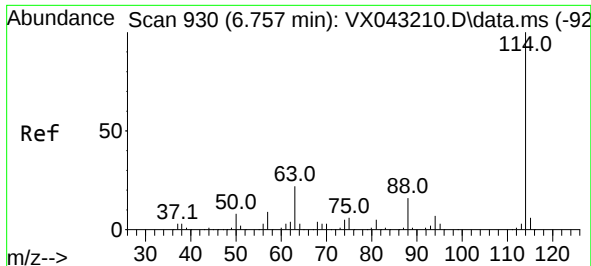
Tgt Ion: 56 Resp: 2381  
Ion Ratio Lower Upper  
56 100  
69 162.0 25.8 38.6#  
84 138.8 71.1 106.7#



#33  
1,2-Dichloroethane-d4  
Concen: 49.957 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 65 Resp: 76608  
Ion Ratio Lower Upper  
65 100  
67 48.8 0.0 99.0

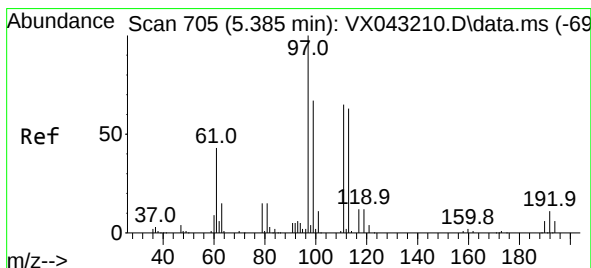
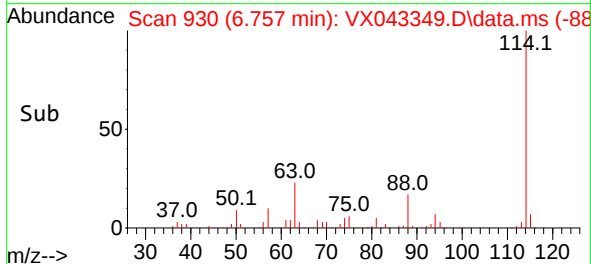
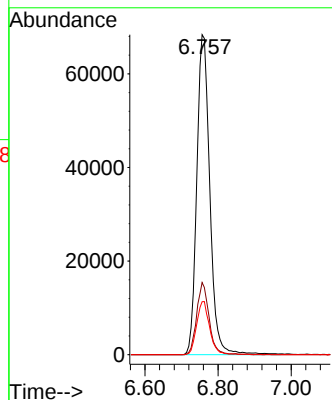
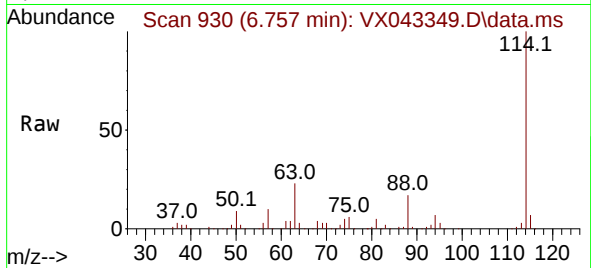




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

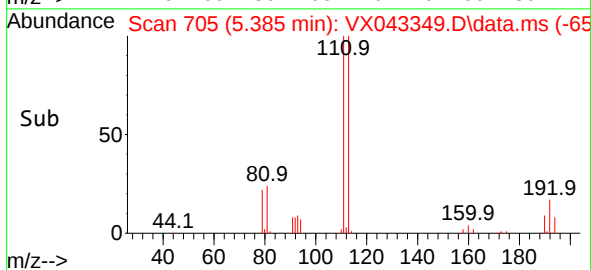
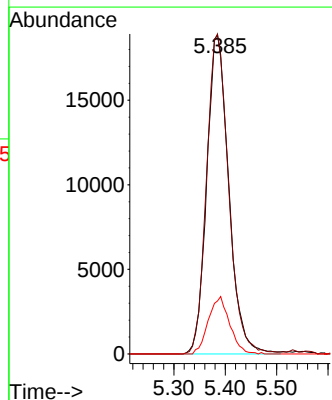
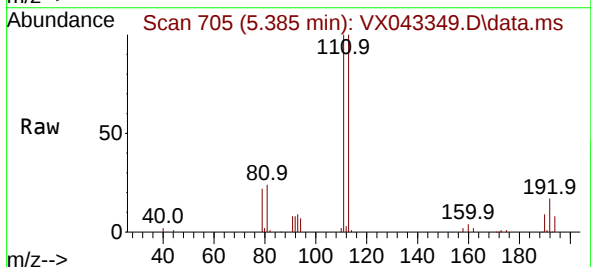
Instrument :  
MSVOA\_X  
ClientSampleId :

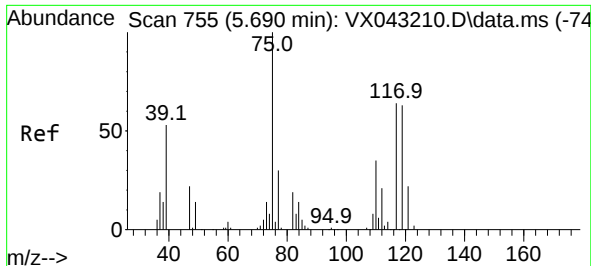
Tgt Ion:114 Resp: 170241  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 43.0  
88 16.5 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 47.804 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

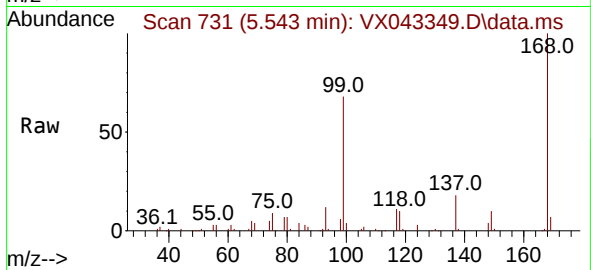
Tgt Ion:113 Resp: 56124  
Ion Ratio Lower Upper  
113 100  
111 100.5 83.4 125.0  
192 17.4 14.1 21.1



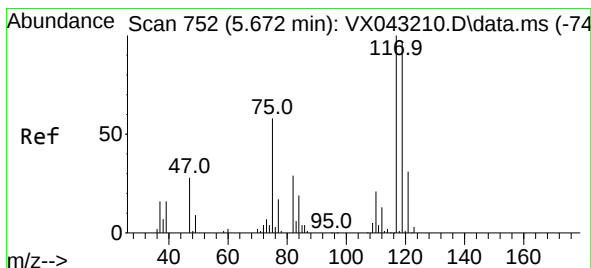
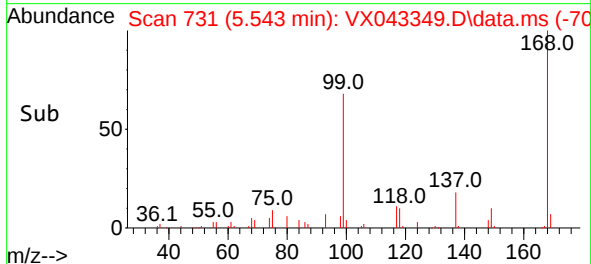
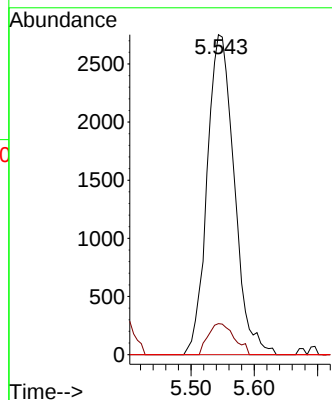


#36  
1,1-Dichloropropene  
Concen: 5.528 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.147 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Instrument :  
MSVOA\_X  
ClientSampleId :

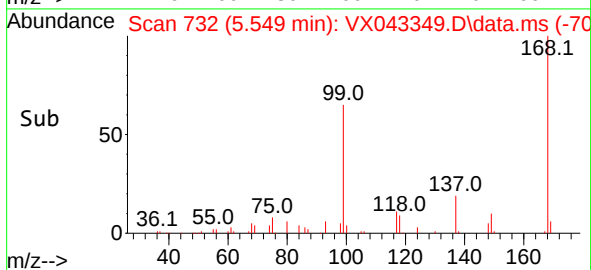
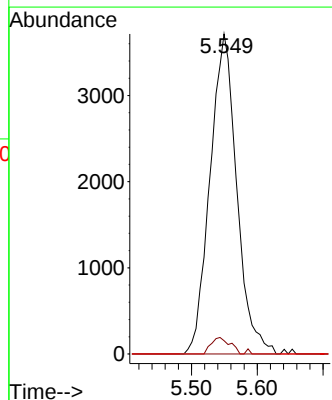
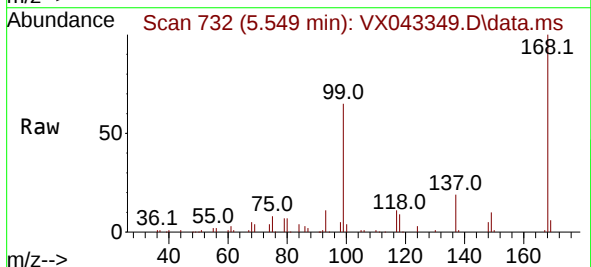


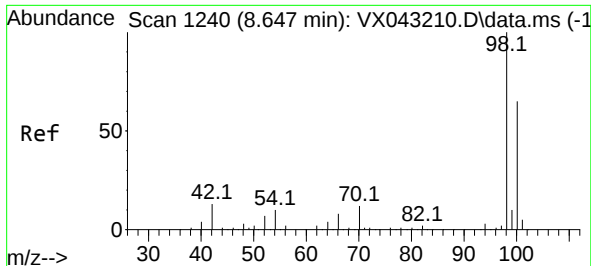
Tgt Ion: 75 Resp: 8199  
Ion Ratio Lower Upper  
75 100  
110 9.3 17.8 53.3#  
77 0.0 24.9 37.3#



#38  
Carbon Tetrachloride  
Concen: 5.993 ug/l  
RT: 5.549 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 117 Resp: 10522  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.7 116.5#  
121 0.0 24.3 36.5#

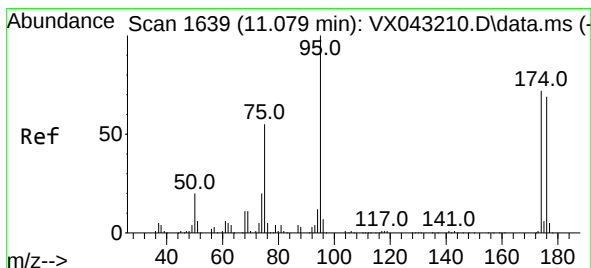
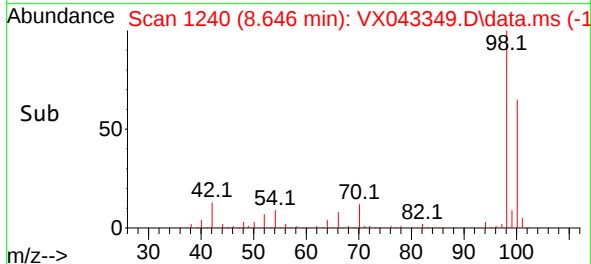
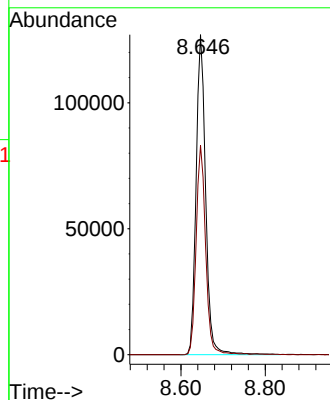
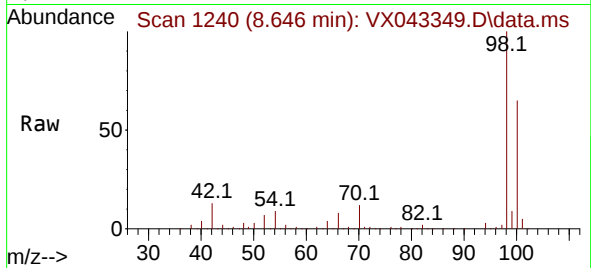




#50  
Toluene-d8  
Concen: 49.206 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

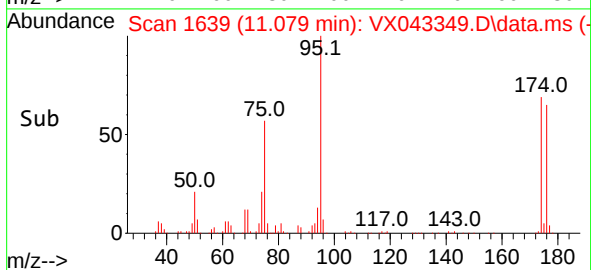
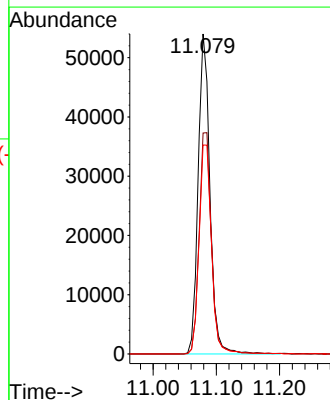
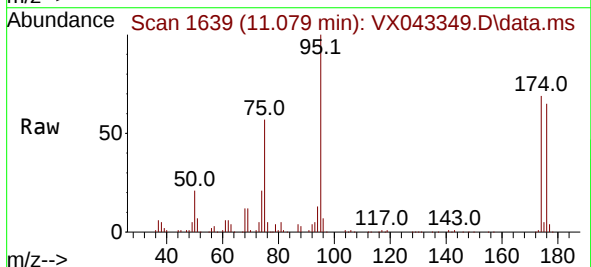
Instrument :  
MSVOA\_X  
ClientSampleId :

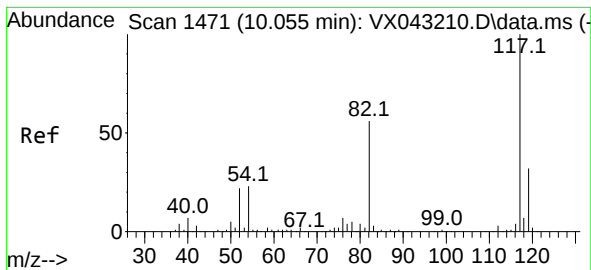
Tgt Ion: 98 Resp: 200201  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 47.436 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 95 Resp: 70115  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 145.0  
176 69.0 0.0 143.0

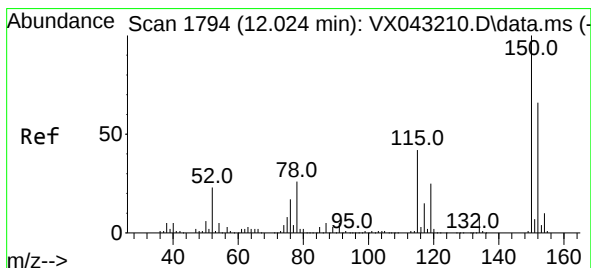
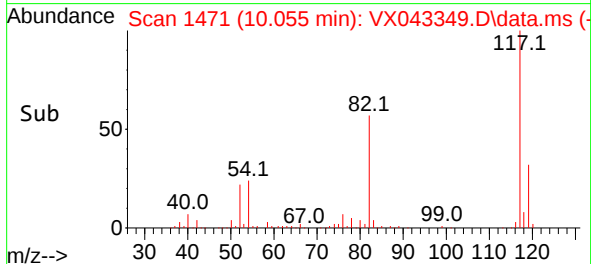
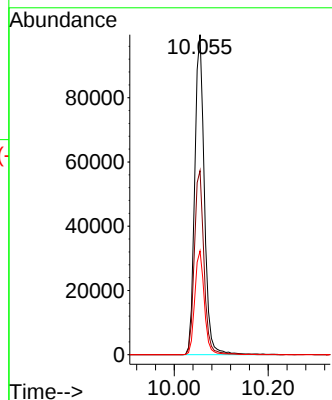
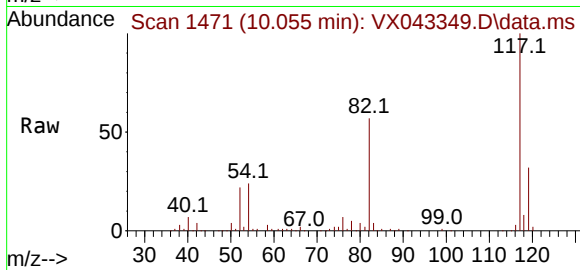




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

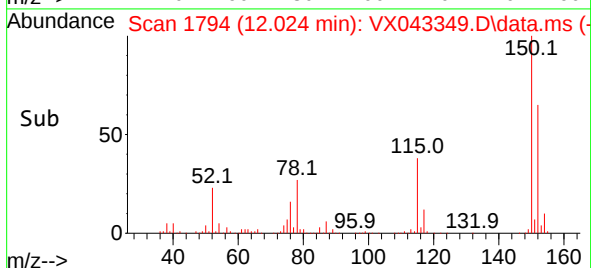
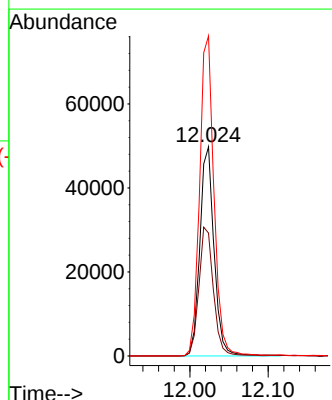
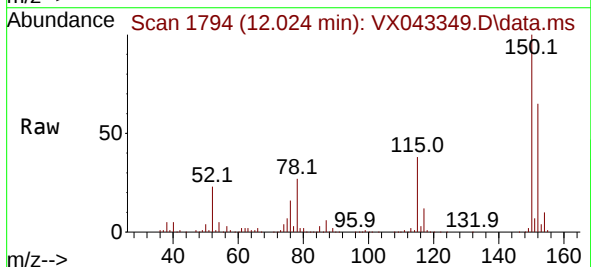
Instrument :  
MSVOA\_X  
ClientSampleId :

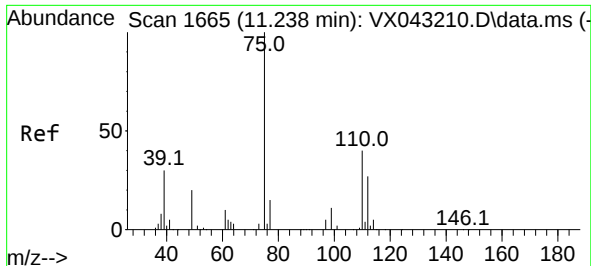
Tgt Ion:117 Resp: 142719  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.0 67.6  
119 32.4 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion:152 Resp: 62964  
Ion Ratio Lower Upper  
152 100  
115 63.1 44.1 132.3  
150 154.3 0.0 347.4

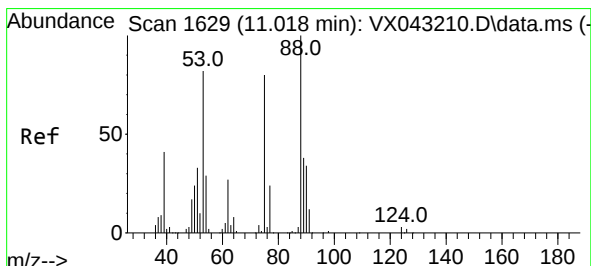
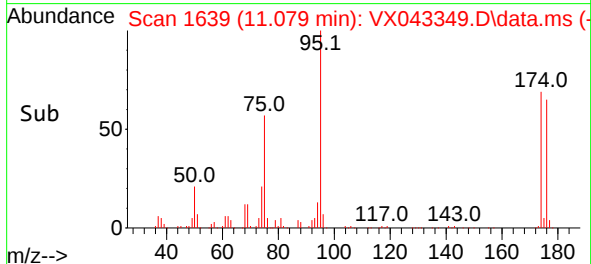
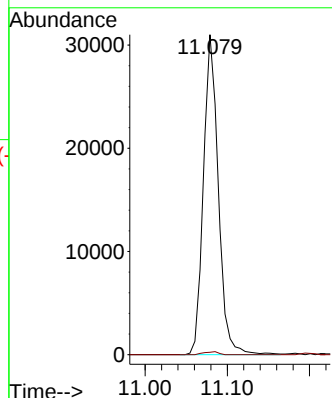
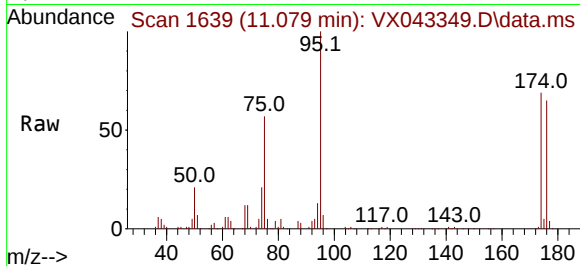




#76  
1,2,3-Trichloropropane  
Concen: 27.932 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

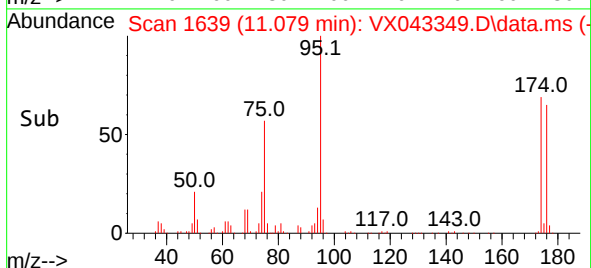
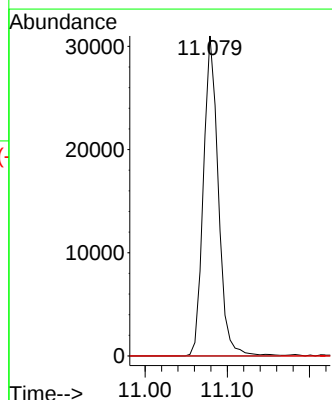
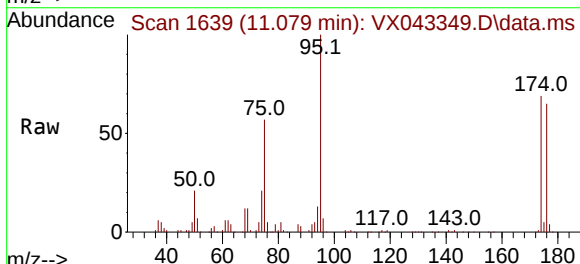
Instrument :  
MSVOA\_X  
ClientSampleId :

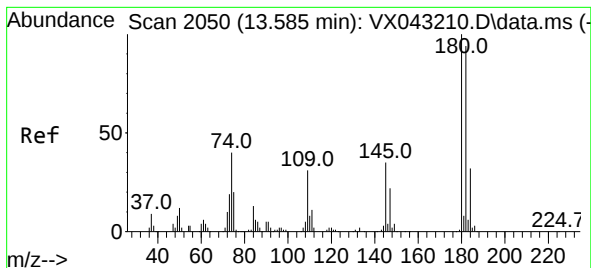
Tgt Ion: 75 Resp: 39010  
Ion Ratio Lower Upper  
75 100  
77 0.9 22.0 66.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.390 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX043349.D  
Acq: 10 Oct 2024 13:14

Tgt Ion: 75 Resp: 39010  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.9 125.9#  
89 0.0 38.6 58.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.217 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

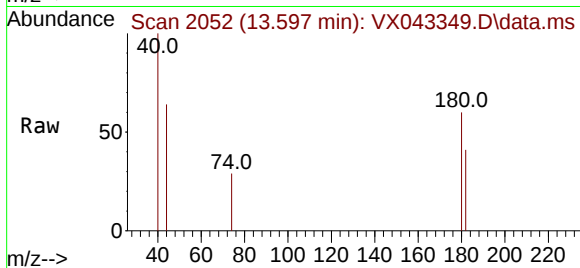
Lab File: VX043349.D

Acq: 10 Oct 2024 13:14

Instrument :

MSVOA\_X

ClientSampleId :



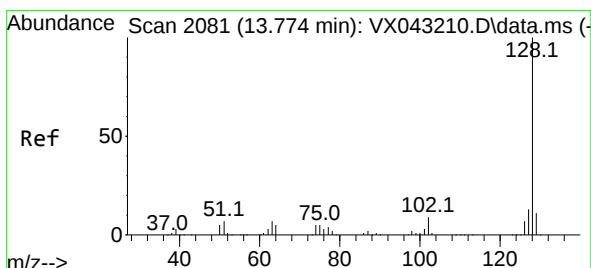
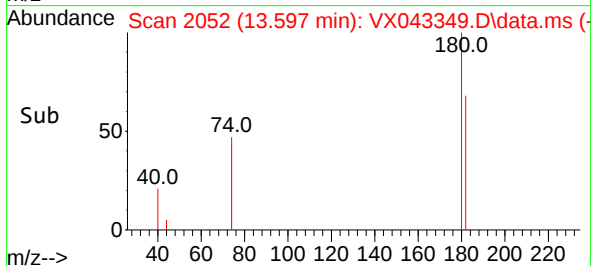
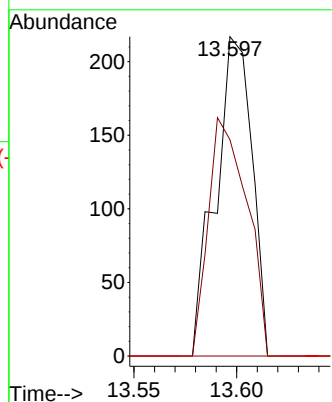
Tgt Ion:180 Resp: 269

Ion Ratio Lower Upper

180 100

182 78.8 47.1 141.3

145 0.0 16.6 49.8#



#95

Naphthalene

Concen: 0.337 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX043349.D

Acq: 10 Oct 2024 13:14

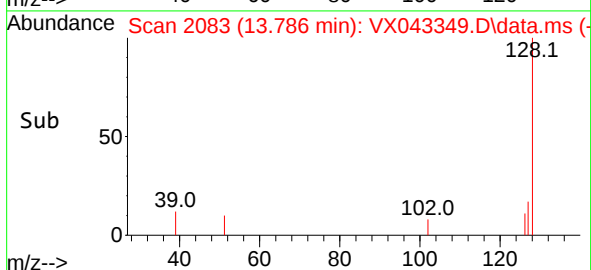
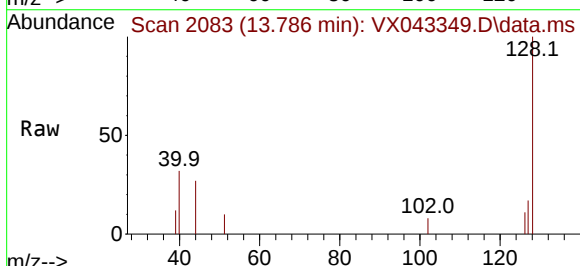
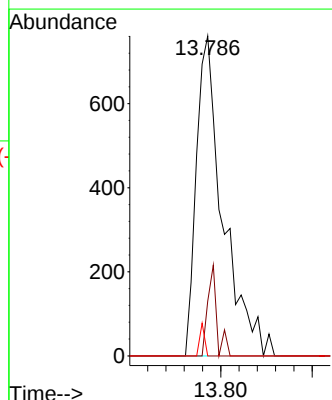
Tgt Ion:128 Resp: 1534

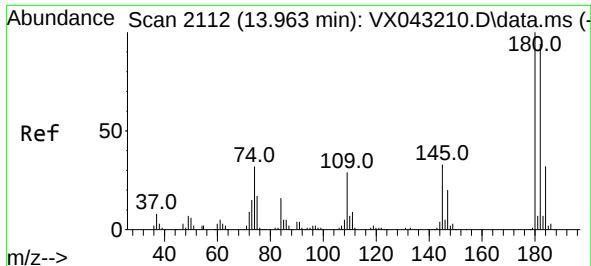
Ion Ratio Lower Upper

128 100

127 9.7 10.2 15.2#

129 1.9 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.233 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

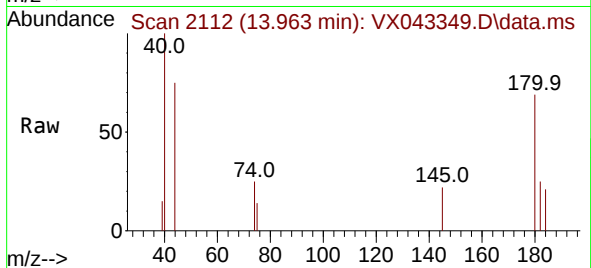
Lab File: VX043349.D

Acq: 10 Oct 2024 13:14

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:180 Resp: 298

Ion Ratio Lower Upper

180 100

182 93.0 46.5 139.3

145 24.2 17.2 51.6

