

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030422\  
 Data File : VX027310.D  
 Acq On : 04 Mar 2022 18:38  
 Operator : JC/MD  
 Sample : N1783-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 05 00:46:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

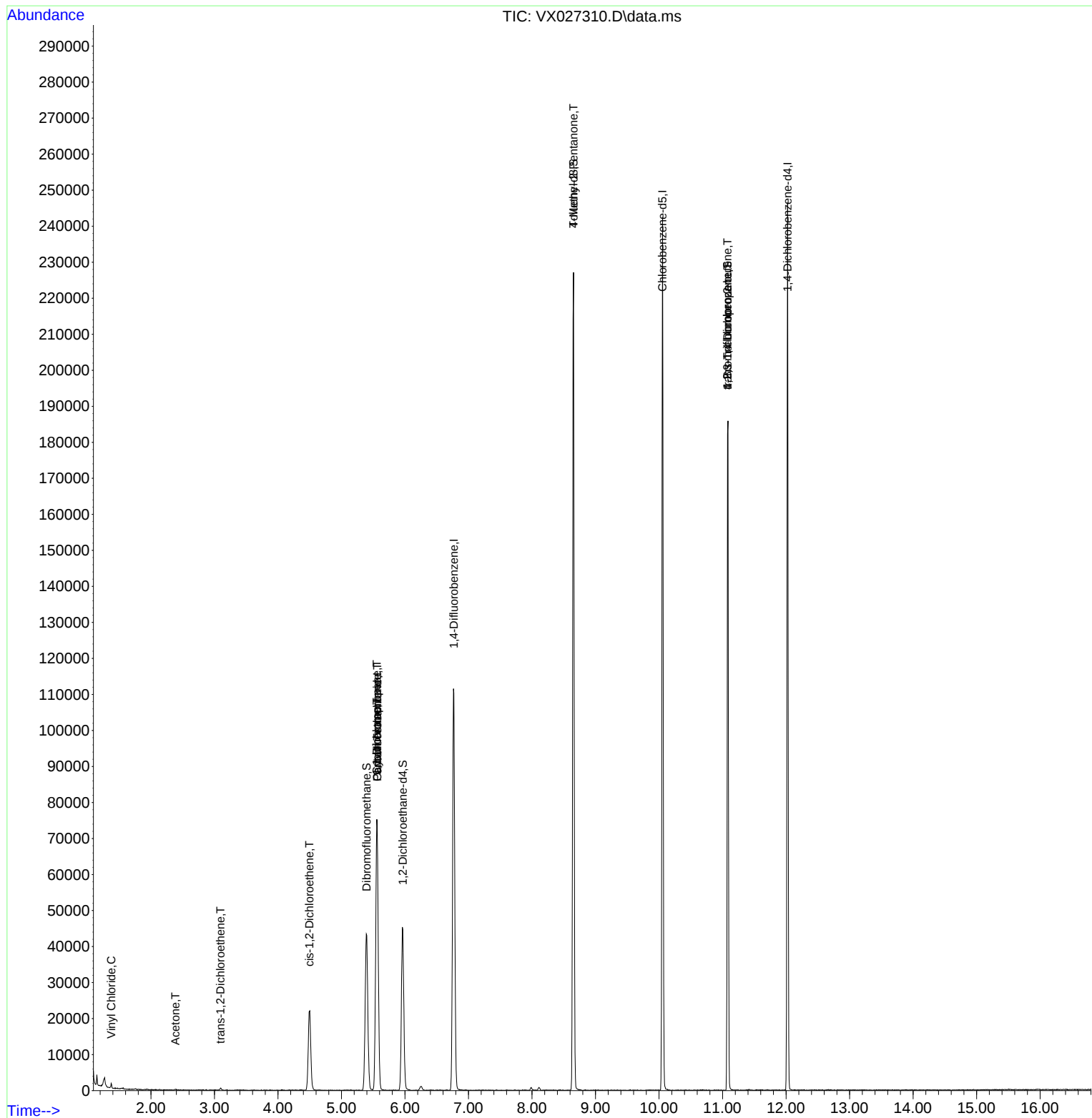
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.562     | 168   | 72833    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769     | 114   | 118318   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117   | 108233   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 49733    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.964     | 65    | 43810    | 50.084   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 100.160% |          |
| 35) Dibromofluoromethane      | 5.397     | 113   | 38289    | 52.135   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 104.280% |          |
| 50) Toluene-d8                | 8.653     | 98    | 135925   | 49.498   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 99.000%  |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 51924    | 49.260   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 98.520%  |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 4) Vinyl Chloride             | 1.374     | 62    | 201      | 0.298    | ug/l       | 90       |
| 16) Acetone                   | 2.386     | 43    | 311      | 0.810    | ug/l #     | 46       |
| 21) trans-1,2-Dichloroethene  | 3.093     | 96    | 214      | 0.283    | ug/l #     | 87       |
| 27) cis-1,2-Dichloroethene    | 4.495     | 96    | 14944    | 17.041   | ug/l       | 83       |
| 31) Cyclohexane               | 5.556     | 56    | 1326     | 1.012    | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 5.556     | 75    | 5145     | 4.800    | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 5.562     | 117   | 7309     | 6.538    | ug/l #     | 18       |
| 51) 4-Methyl-2-Pentanone      | 8.653     | 43    | 473      | 0.402    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 25115    | 25.071   | ug/l #     | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 25115    | 70.992   | ug/l #     | 3        |
| -----                         |           |       |          |          |            |          |

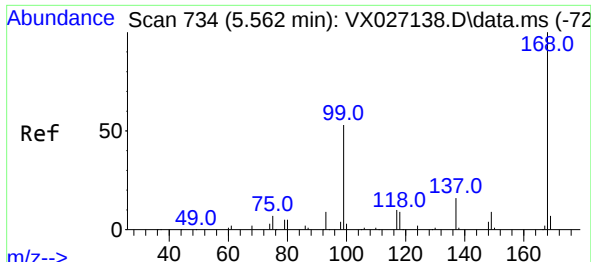
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030422\  
Data File : VX027310.D  
Acq On : 04 Mar 2022 18:38  
Operator : JC/MD  
Sample : N1783-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

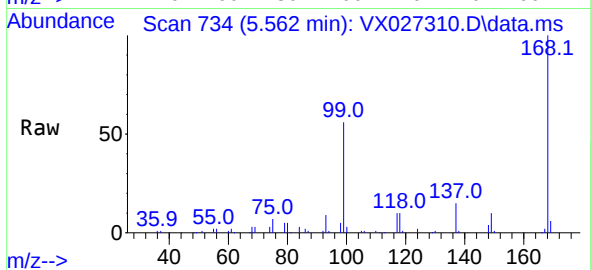
Quant Time: Mar 05 00:46:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration



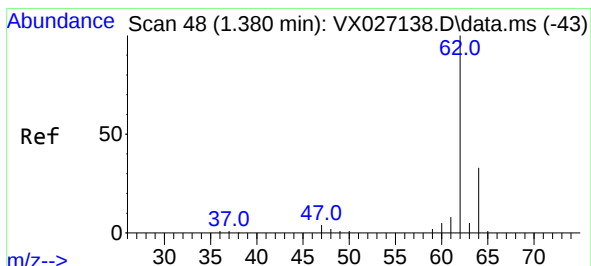
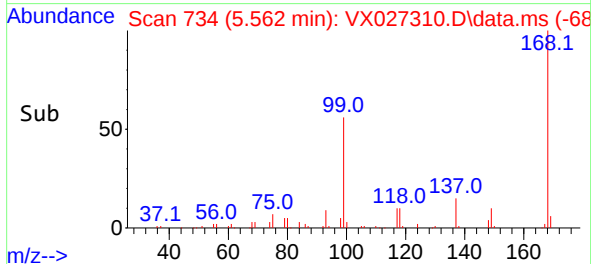
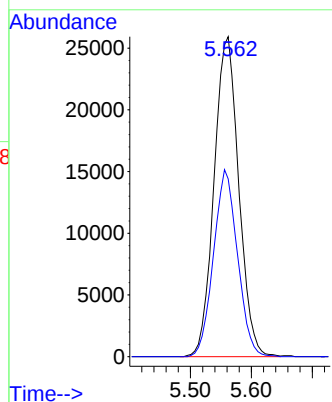


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :

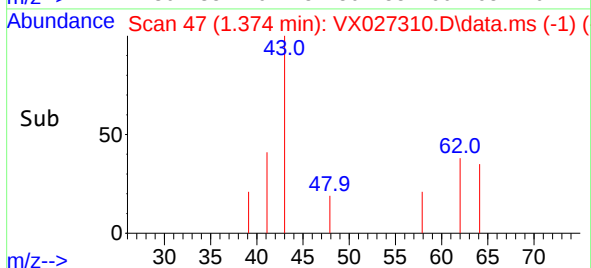
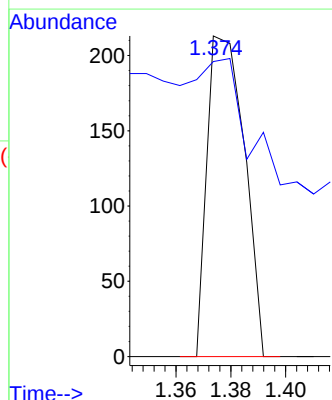
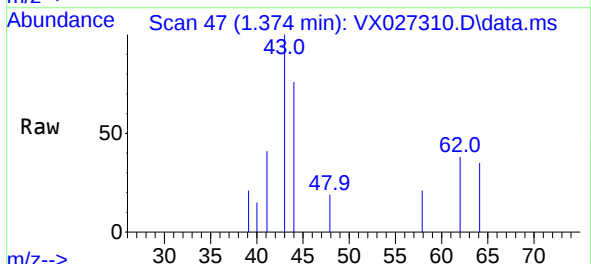


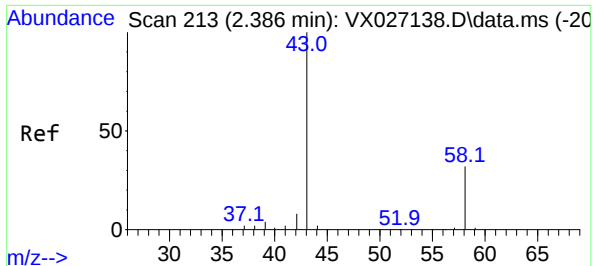
Tgt Ion:168 Resp: 72833  
Ion Ratio Lower Upper  
168 100  
99 55.5 50.3 75.5



#4  
Vinyl Chloride  
Concen: 0.298 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

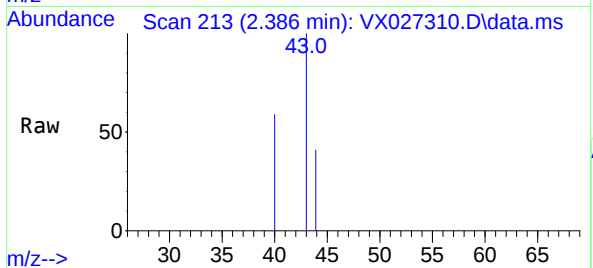
Tgt Ion: 62 Resp: 201  
Ion Ratio Lower Upper  
62 100  
64 38.5 26.2 39.2



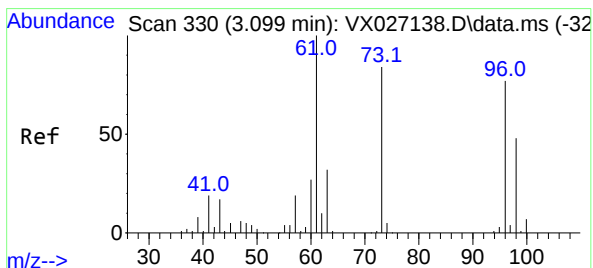
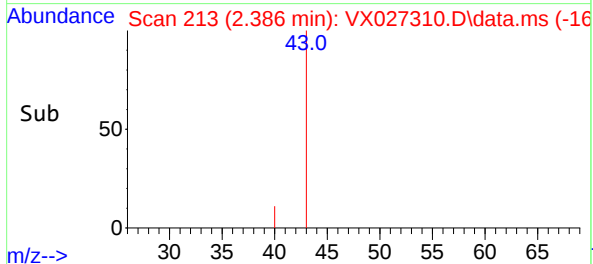
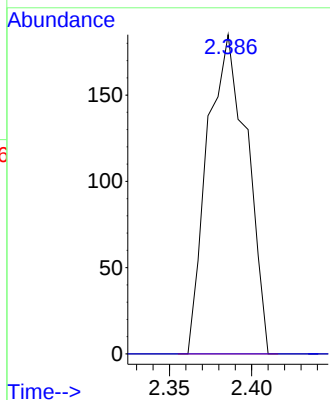


#16  
Acetone  
Concen: 0.810 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :

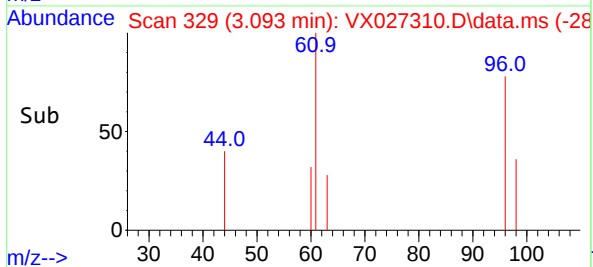
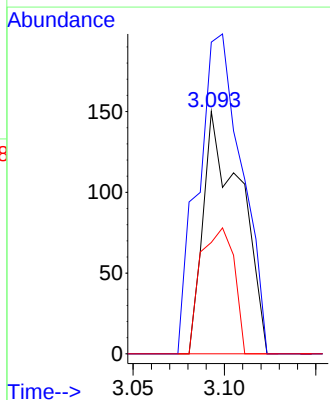
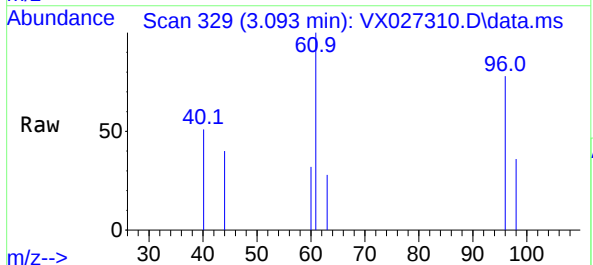


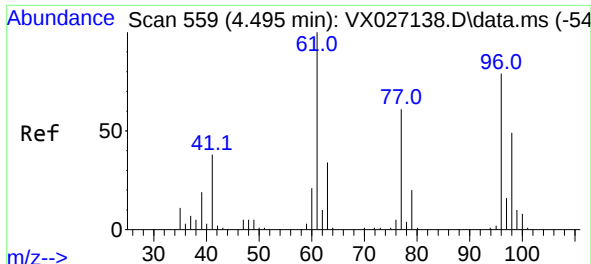
Tgt Ion: 43 Resp: 311  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.0 34.6#



#21  
trans-1,2-Dichloroethene  
Concen: 0.283 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

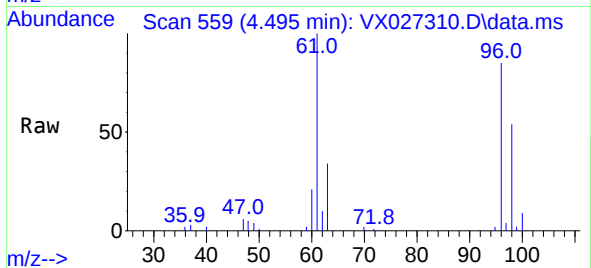
Tgt Ion: 96 Resp: 214  
Ion Ratio Lower Upper  
96 100  
61 128.7 112.9 169.3  
98 46.0 49.5 74.3#





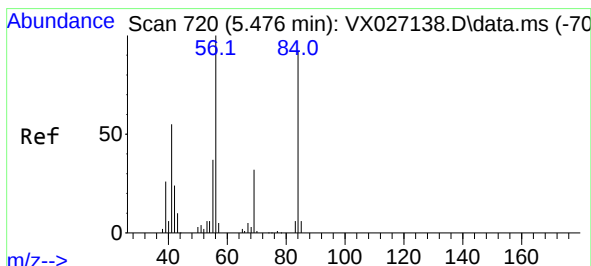
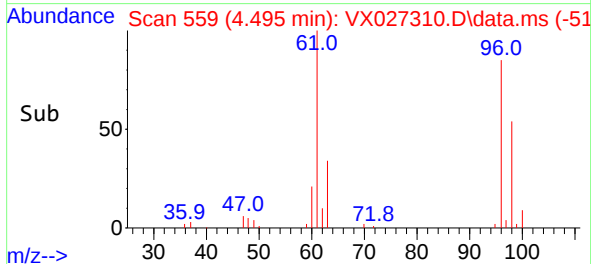
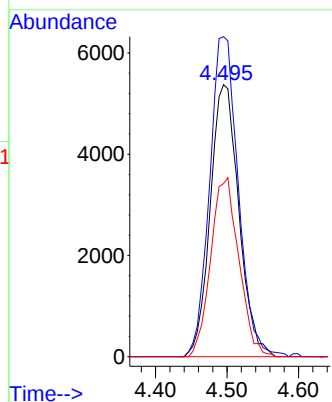
#27  
cis-1,2-Dichloroethene  
Concen: 17.041 ug/l  
RT: 4.495 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 96 Resp: 14944

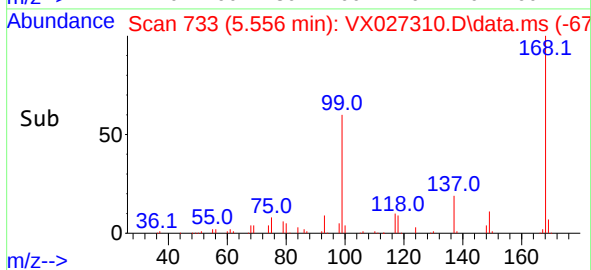
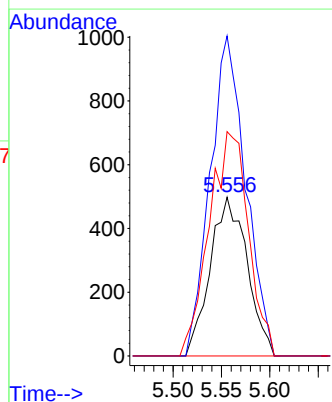
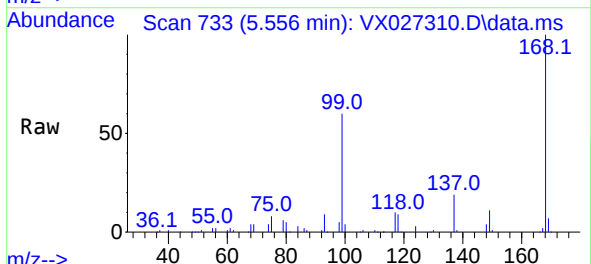
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 117.8 | 0.0   | 296.6 |
| 98  | 64.7  | 0.0   | 128.8 |

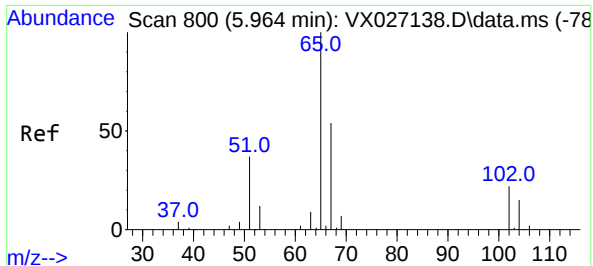


#31  
Cyclohexane  
Concen: 1.012 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.080 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Tgt Ion: 56 Resp: 1326

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 56  | 100   |       |        |
| 69  | 201.6 | 25.8  | 38.6#  |
| 84  | 141.4 | 68.9  | 103.3# |

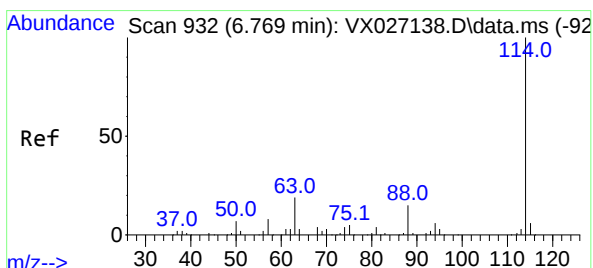
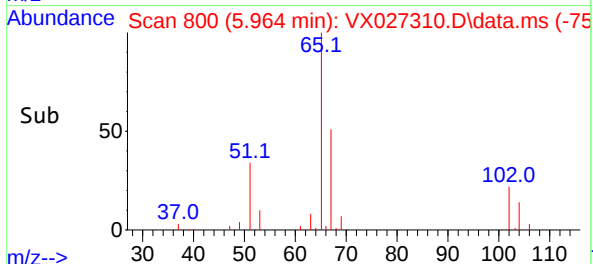
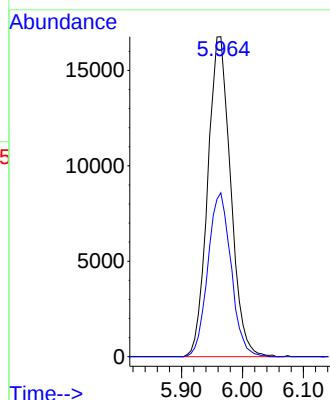
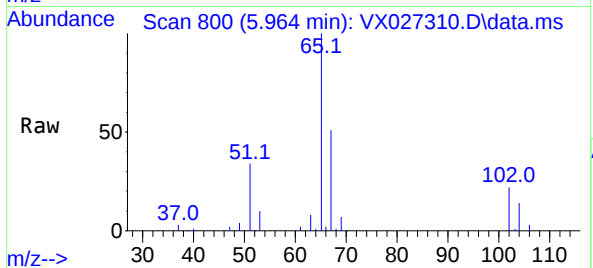




#33  
1,2-Dichloroethane-d4  
Concen: 50.084 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

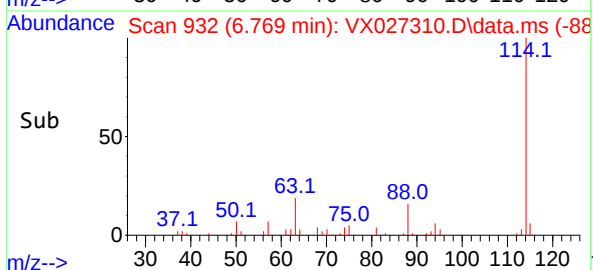
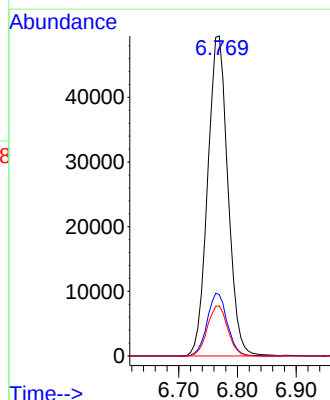
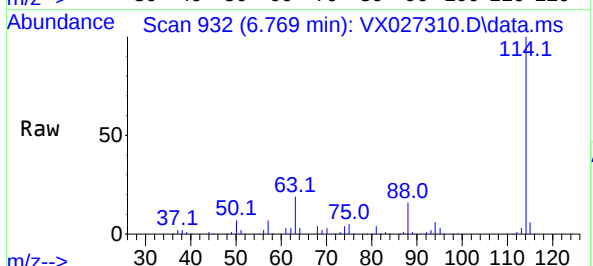
Instrument :  
MSVOA\_X  
ClientSampleId :

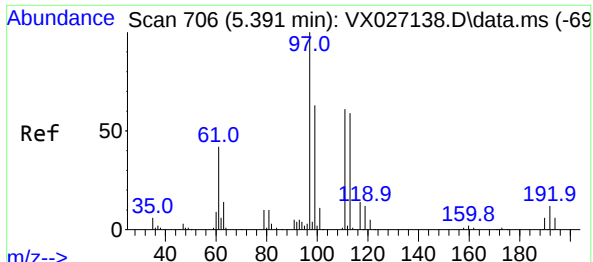
Tgt Ion: 65 Resp: 43810  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Tgt Ion: 114 Resp: 118318  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 42.8  
88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.135 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX027310.D

Acq: 04 Mar 2022 18:38

Instrument :

MSVOA\_X

ClientSampleId :

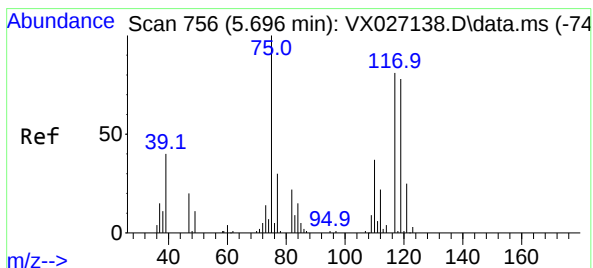
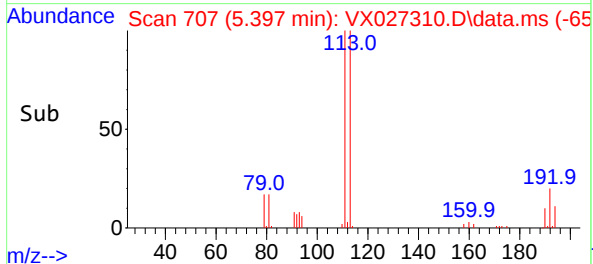
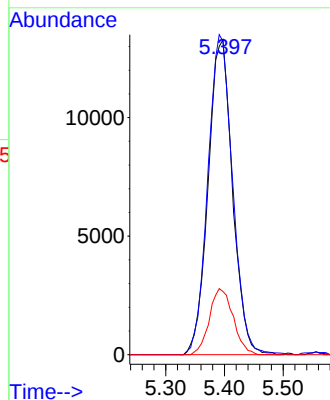
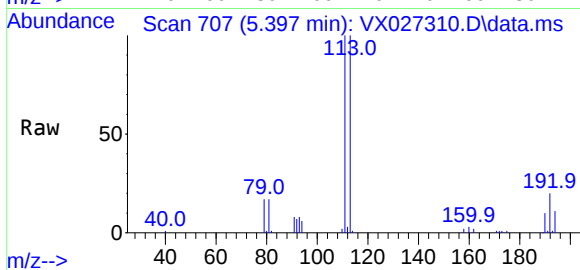
Tgt Ion:113 Resp: 38289

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 20.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027310.D

Acq: 04 Mar 2022 18:38

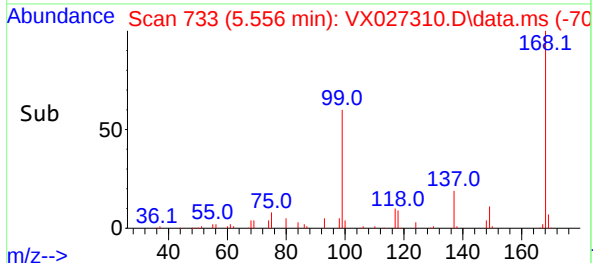
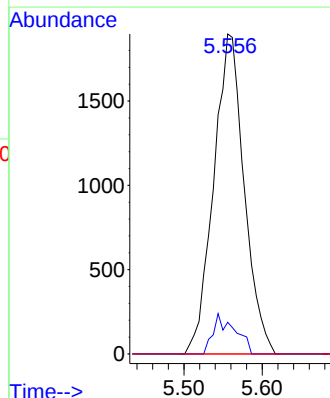
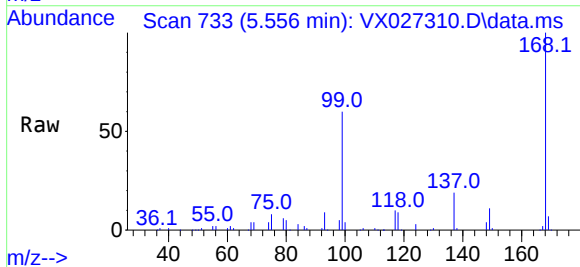
Tgt Ion: 75 Resp: 5145

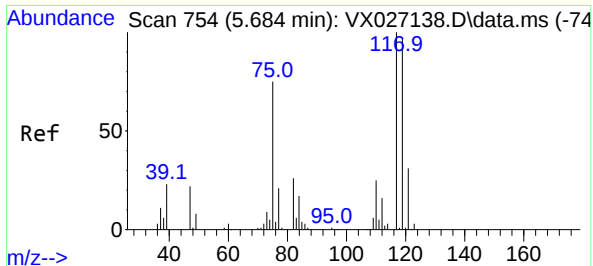
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

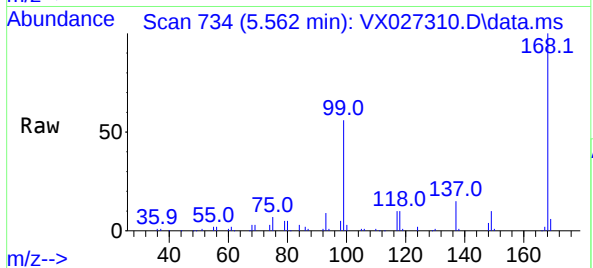
77 0.0 24.6 36.8#



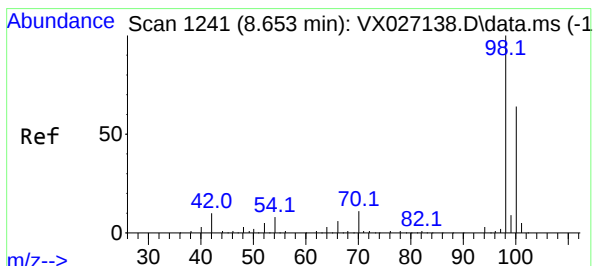
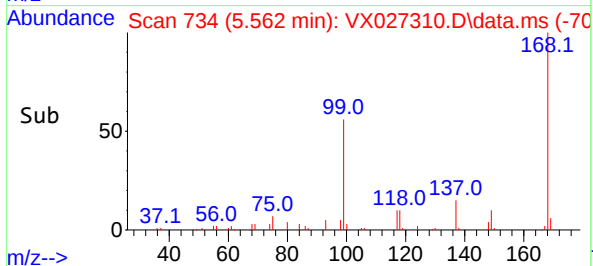
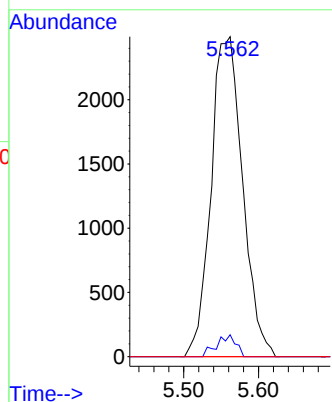


#38  
Carbon Tetrachloride  
Concen: 6.538 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :

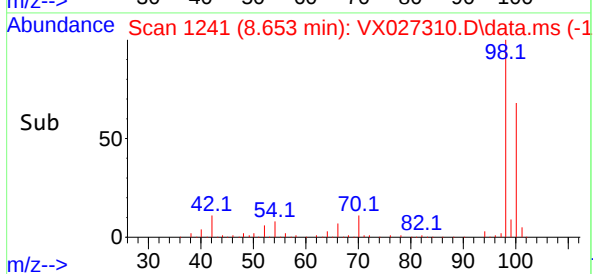
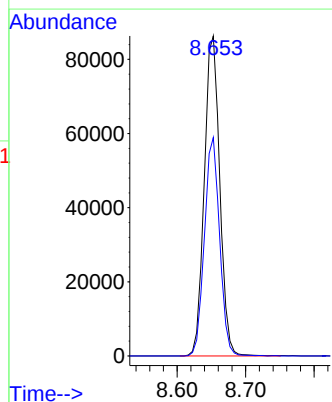
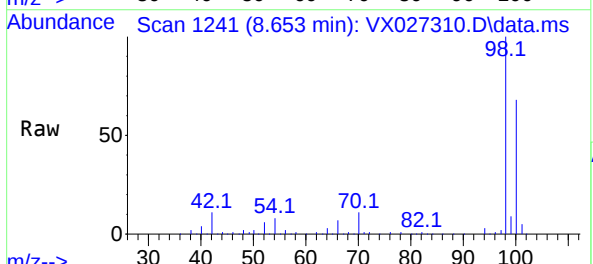


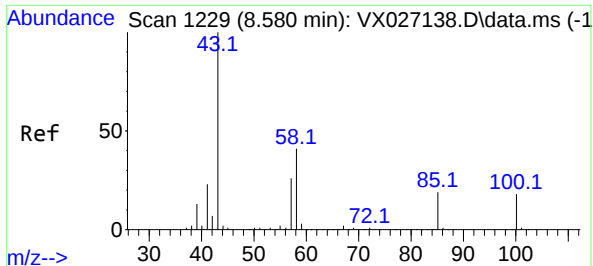
Tgt Ion:117 Resp: 7309  
Ion Ratio Lower Upper  
117 100  
119 6.9 74.7 112.1#  
121 0.0 25.4 38.0#



#50  
Toluene-d8  
Concen: 49.498 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Tgt Ion: 98 Resp: 135925  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.402 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027310.D

Acq: 04 Mar 2022 18:38

Instrument :

MSVOA\_X

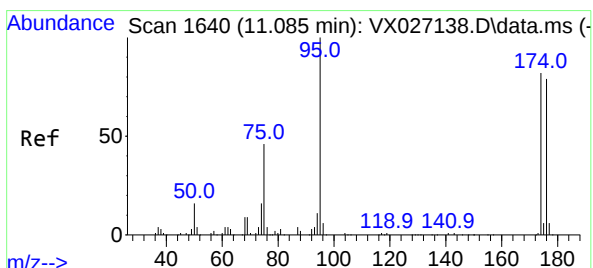
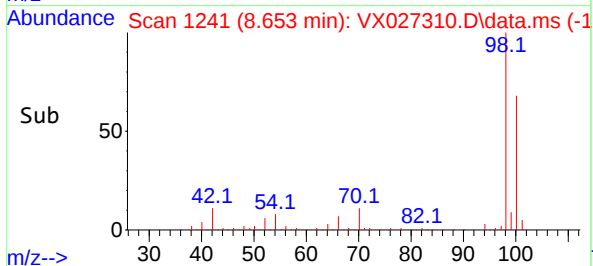
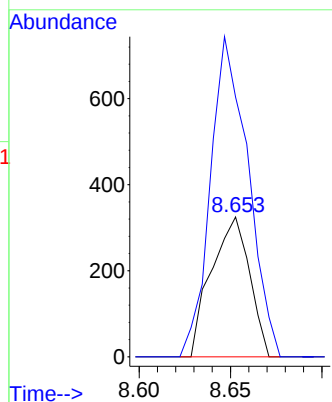
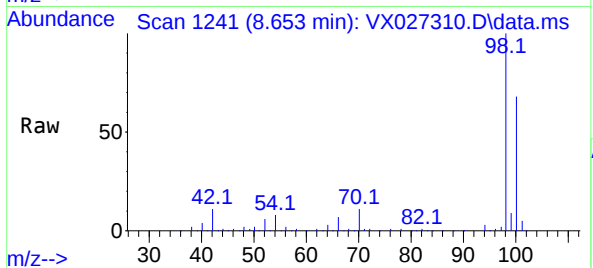
ClientSampleId :

Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

58 225.2 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 49.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027310.D

Acq: 04 Mar 2022 18:38

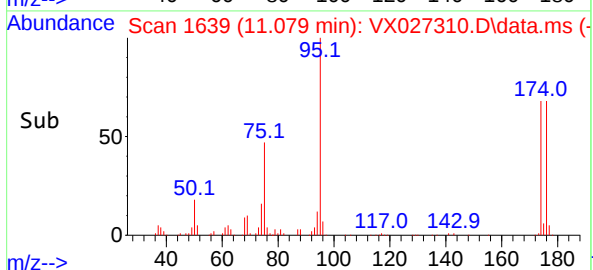
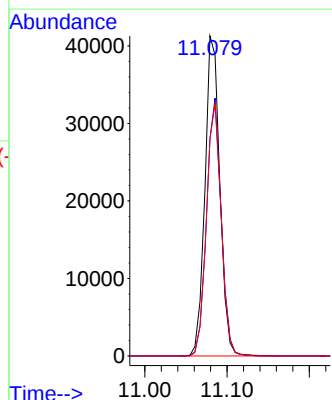
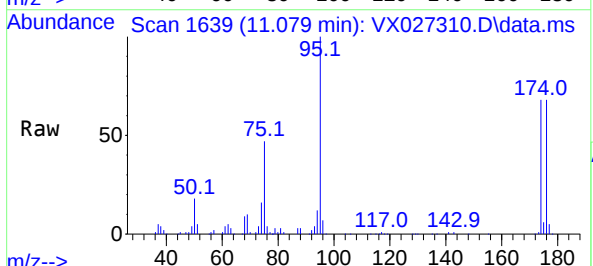
Tgt Ion: 95 Resp: 51924

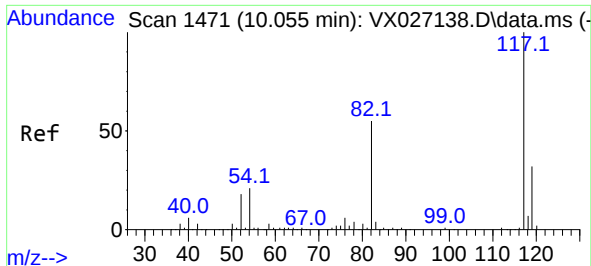
Ion Ratio Lower Upper

95 100

174 79.1 0.0 148.6

176 78.2 0.0 141.4

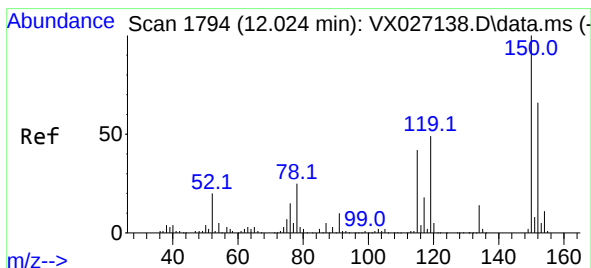
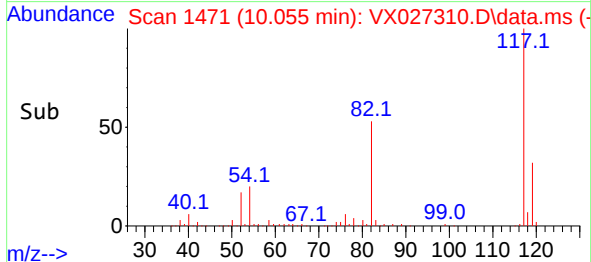
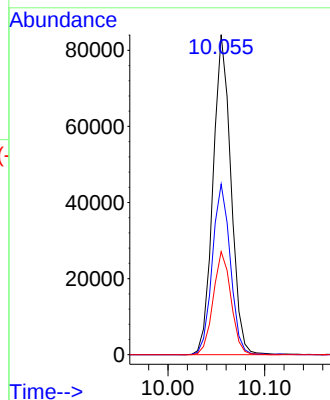
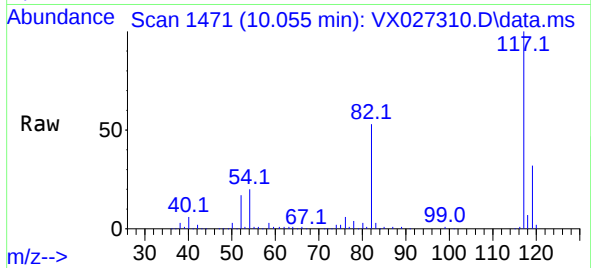




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

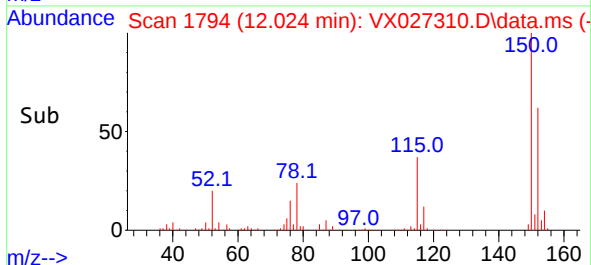
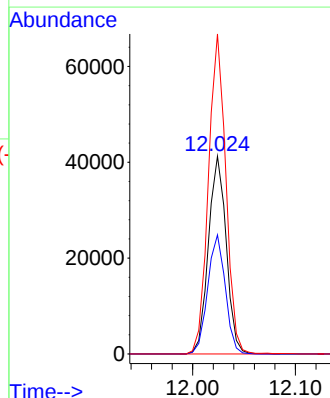
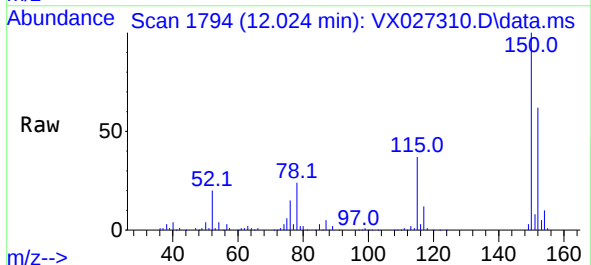
Instrument :  
MSVOA\_X  
ClientSampleId :

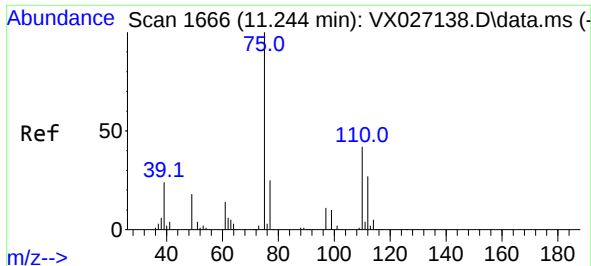
Tgt Ion:117 Resp: 108233  
Ion Ratio Lower Upper  
117 100  
82 53.3 45.2 67.8  
119 32.2 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Tgt Ion:152 Resp: 49733  
Ion Ratio Lower Upper  
152 100  
115 59.4 44.2 132.6  
150 158.3 0.0 348.2

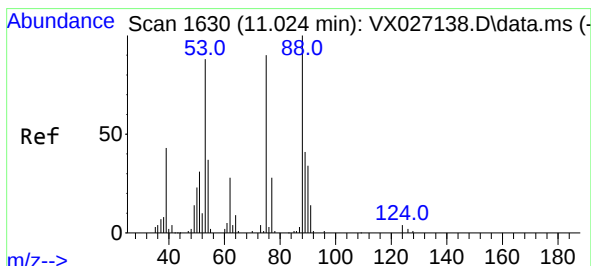
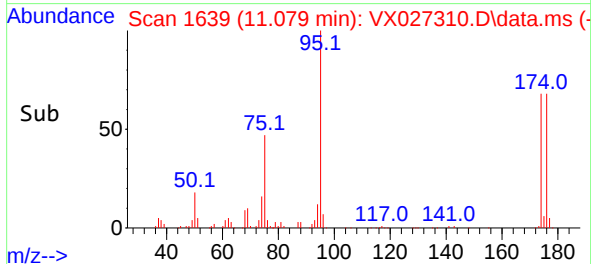
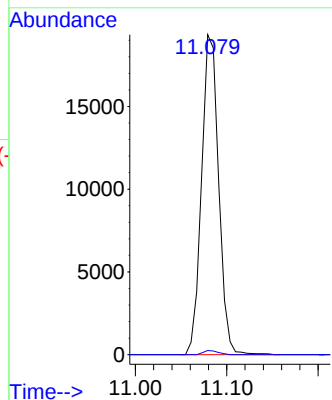
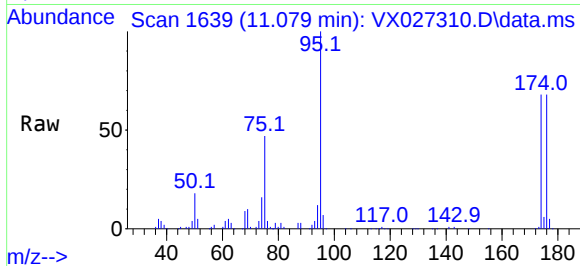




#76  
1,2,3-Trichloropropane  
Concen: 25.071 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 25115  
Ion Ratio Lower Upper  
75 100  
77 1.1 18.3 54.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.992 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX027310.D  
Acq: 04 Mar 2022 18:38

Tgt Ion: 75 Resp: 25115  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

