

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031022\  
 Data File : VX027376.D  
 Acq On : 10 Mar 2022 14:44  
 Operator : JC/MD  
 Sample : N1848-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 11 00:46:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 15:54:34 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 372624   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 603338   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 564713   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 261028   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 193669   | 44.569   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 89.140% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 191817   | 49.271   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 98.540% |
| 50) Toluene-d8              | 8.653  | 98    | 711339   | 48.398   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 96.800% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 259702   | 46.361   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 92.720% |

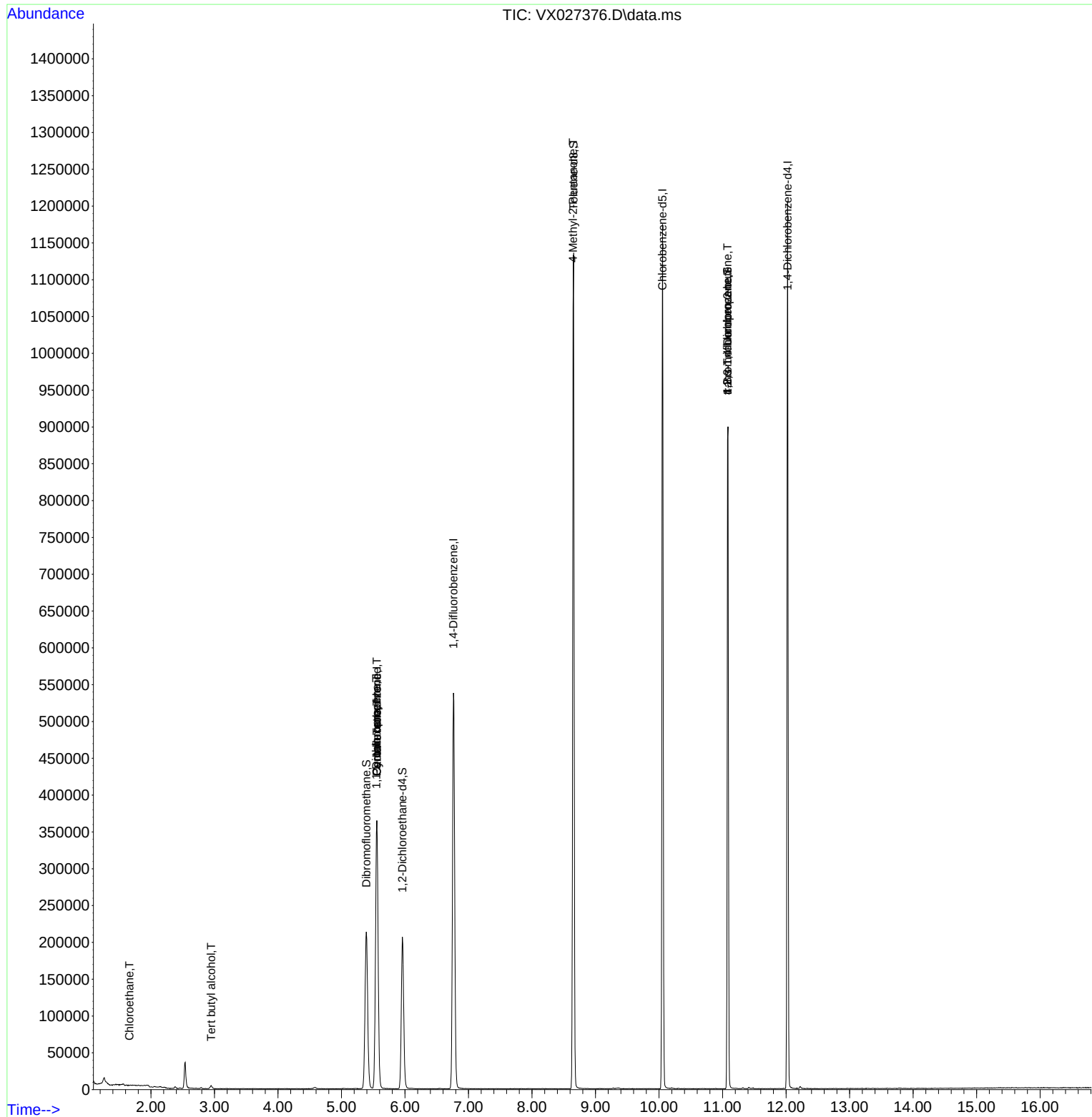
| Target Compounds              | R.T.   | QIon | Response | Conc      | Units  | Qvalue |
|-------------------------------|--------|------|----------|-----------|--------|--------|
| 5) Bromomethane               | 1.611  | 94   | 401      | Below Cal | #      | 75     |
| 6) Chloroethane               | 1.660  | 64   | 361      | 0.591     | ug/l # | 43     |
| 11) Tert butyl alcohol        | 2.946  | 59   | 2189     | 2.570     | ug/l # | 72     |
| 16) Acetone                   | 2.379  | 43   | 2443     | Below Cal |        | 100    |
| 31) Cyclohexane               | 5.556  | 56   | 5549     | 0.913     | ug/l # | 1      |
| 36) 1,1-Dichloropropene       | 5.550  | 75   | 24464    | 4.526     | ug/l # | 49     |
| 38) Carbon Tetrachloride      | 5.556  | 117  | 35842    | 6.413     | ug/l # | 15     |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43   | 2206     | 0.384     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 116922   | 20.416    | ug/l # | 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 116922   | 66.027    | ug/l # | 15     |

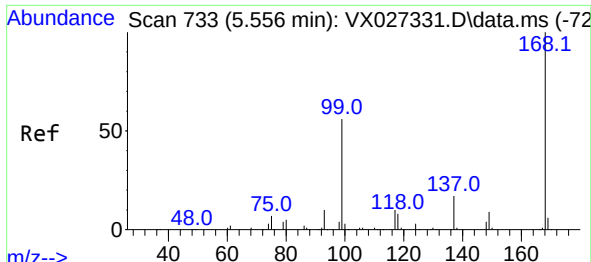
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031022\  
Data File : VX027376.D  
Acq On : 10 Mar 2022 14:44  
Operator : JC/MD  
Sample : N1848-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

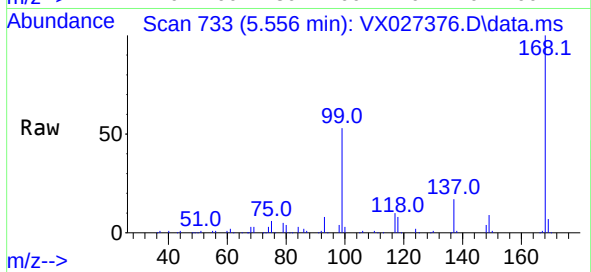
Quant Time: Mar 11 00:46:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 15:54:34 2022  
Response via : Initial Calibration



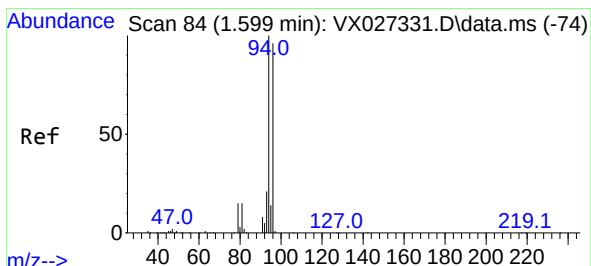
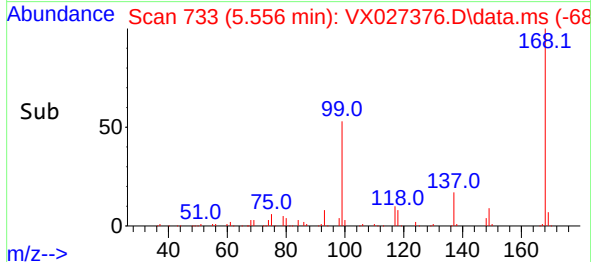
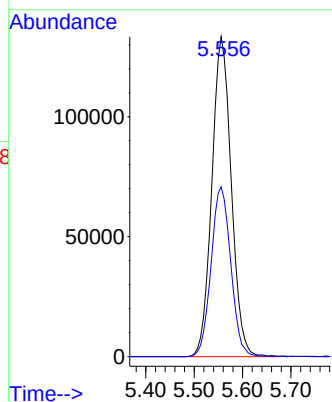


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :

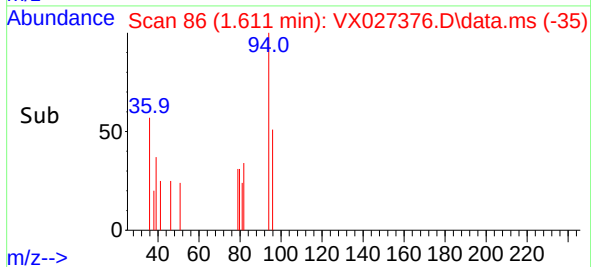
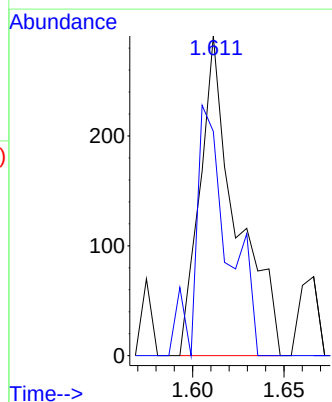
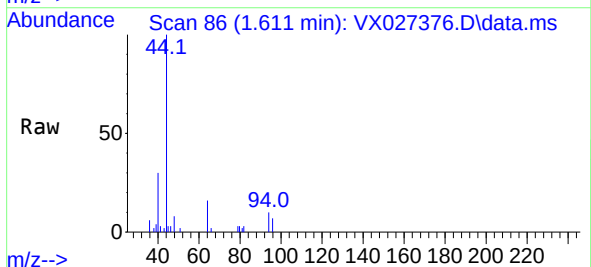


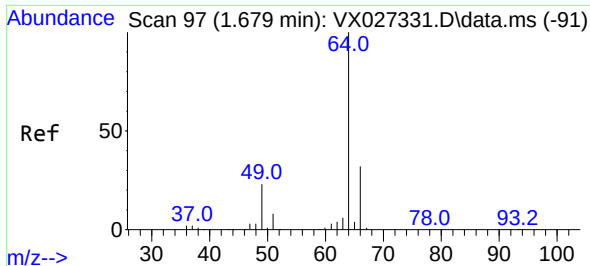
Tgt Ion:168 Resp: 372624  
Ion Ratio Lower Upper  
168 100  
99 53.0 41.7 62.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.611 min Scan# 86  
Delta R.T. 0.012 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 94 Resp: 401  
Ion Ratio Lower Upper  
94 100  
96 70.1 75.3 112.9#

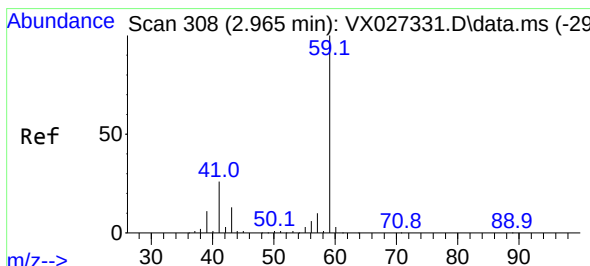
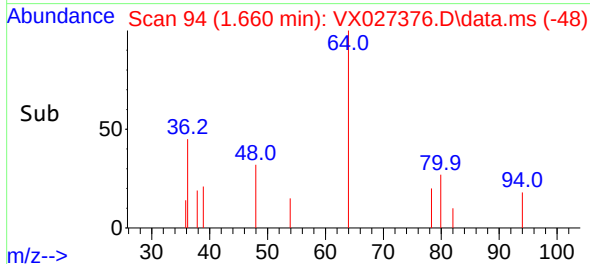
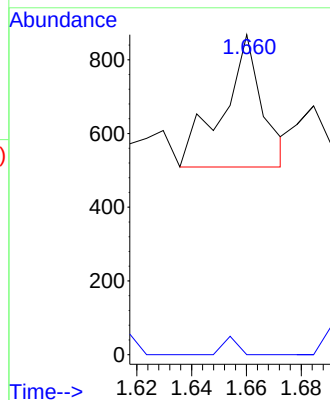
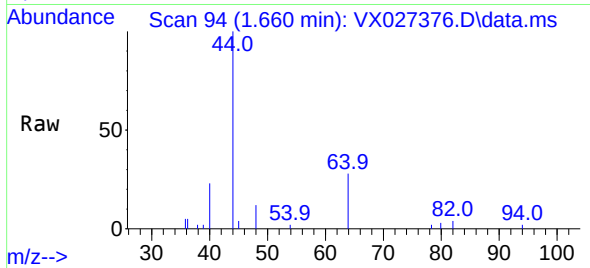




#6  
Chloroethane  
Concen: 0.591 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.019 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

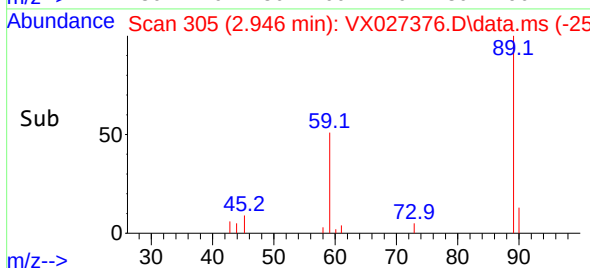
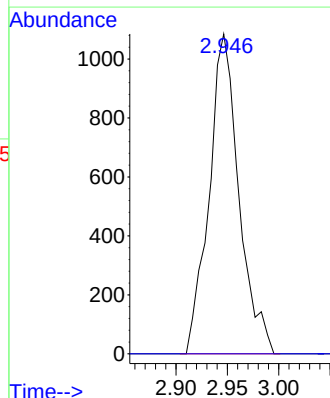
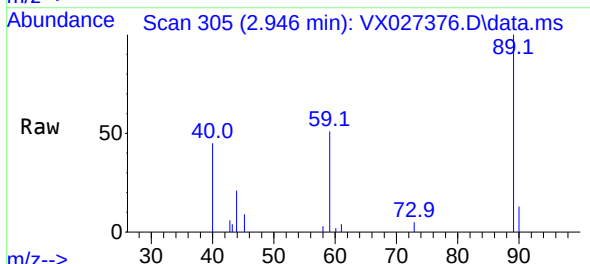
Instrument :  
MSVOA\_X  
ClientSampleId :

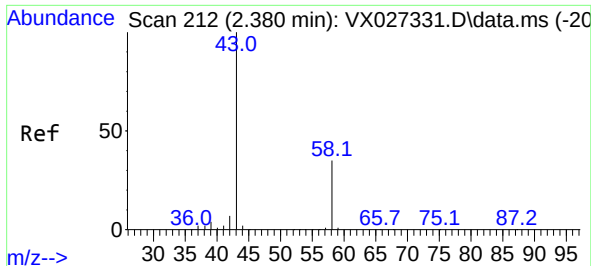
Tgt Ion: 64 Resp: 361  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#



#11  
Tert butyl alcohol  
Concen: 2.570 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.019 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 59 Resp: 2189  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

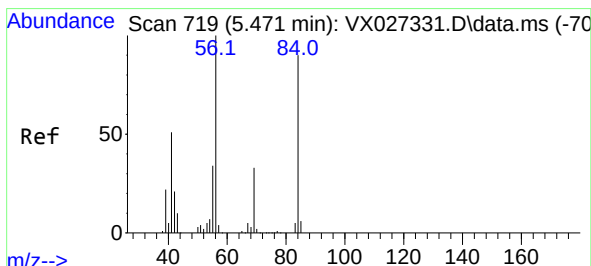
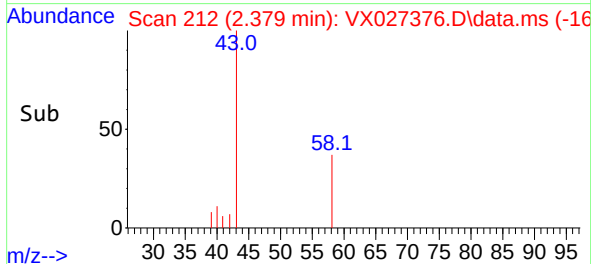
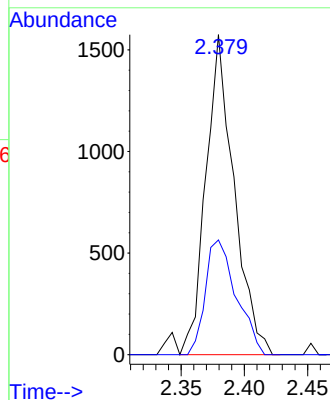
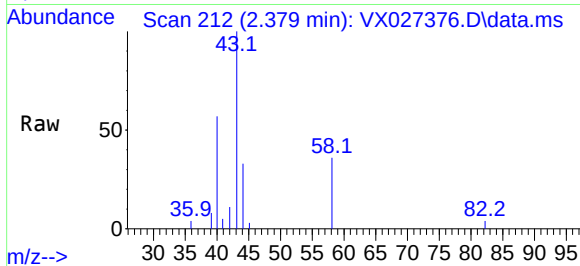




#16  
Acetone  
Concen: Below Cal  
RT: 2.379 min Scan# 212  
Delta R.T. -0.001 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

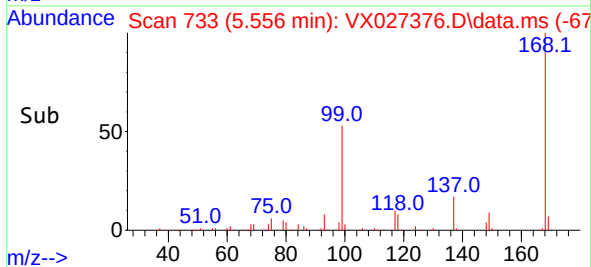
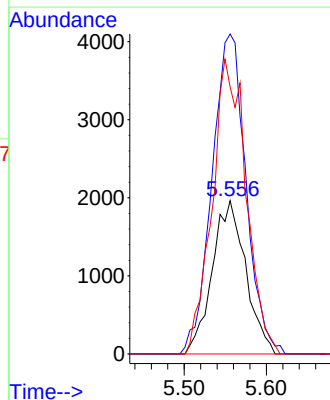
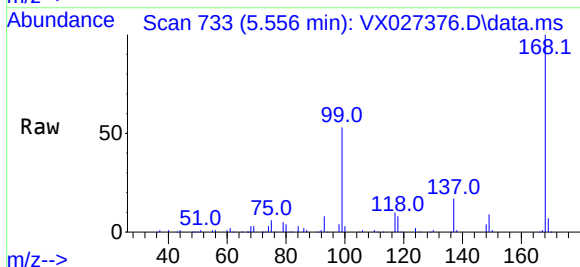
Instrument :  
MSVOA\_X  
ClientSampleId :

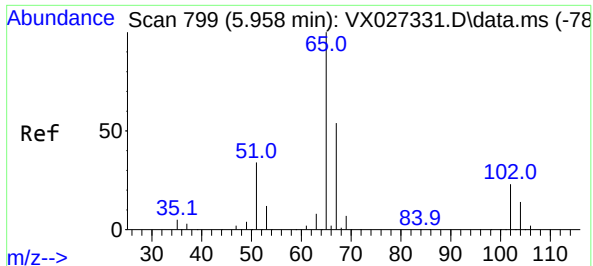
Tgt Ion: 43 Resp: 2443  
Ion Ratio Lower Upper  
43 100  
58 35.9 28.8 43.2



#31  
Cyclohexane  
Concen: 0.913 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.085 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 56 Resp: 5549  
Ion Ratio Lower Upper  
56 100  
69 208.8 26.7 40.1#  
84 174.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.569 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027376.D

Acq: 10 Mar 2022 14:44

Instrument :

MSVOA\_X

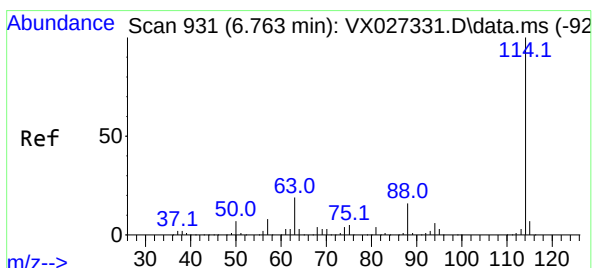
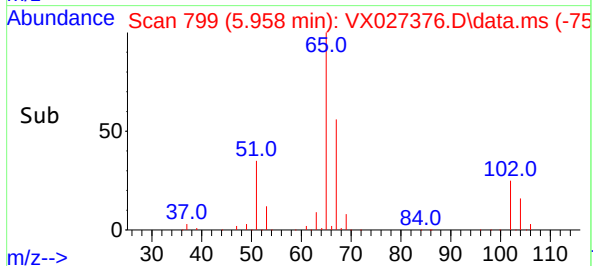
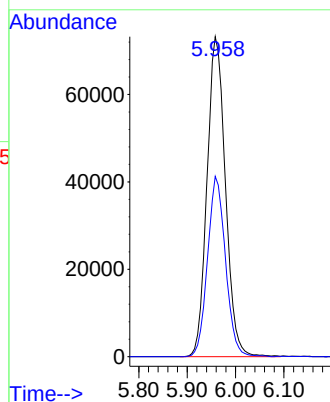
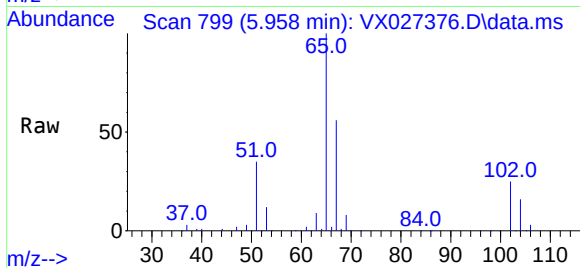
ClientSampleId :

Tgt Ion: 65 Resp: 193669

Ion Ratio Lower Upper

65 100

67 54.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027376.D

Acq: 10 Mar 2022 14:44

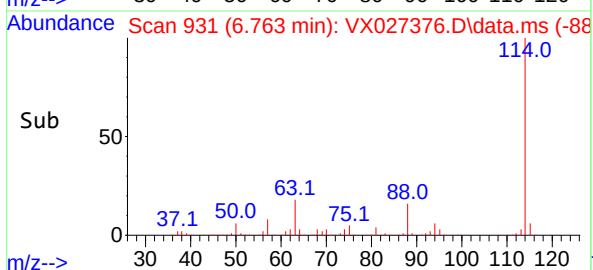
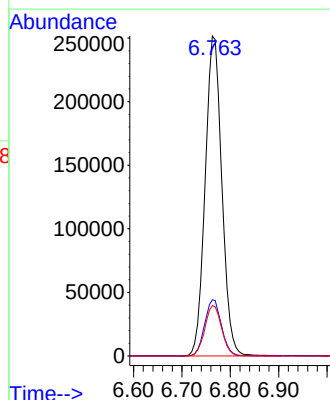
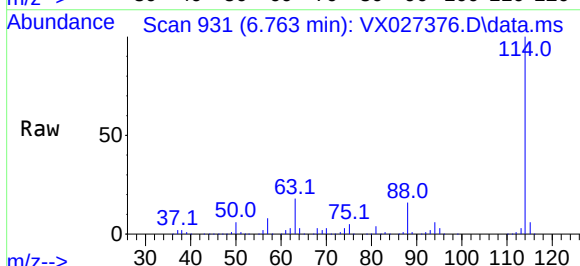
Tgt Ion: 114 Resp: 603338

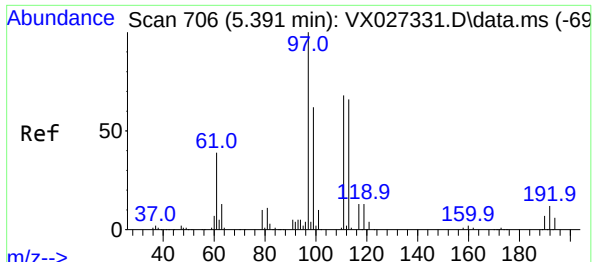
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

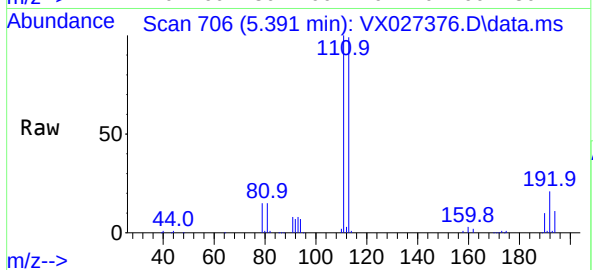
88 15.7 0.0 32.4



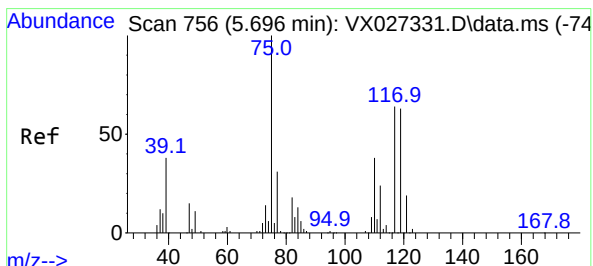
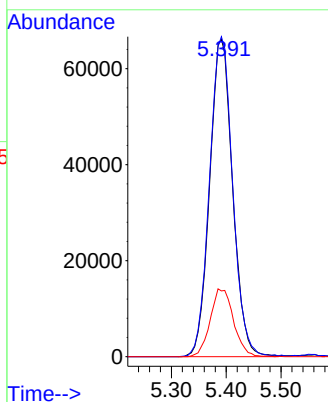
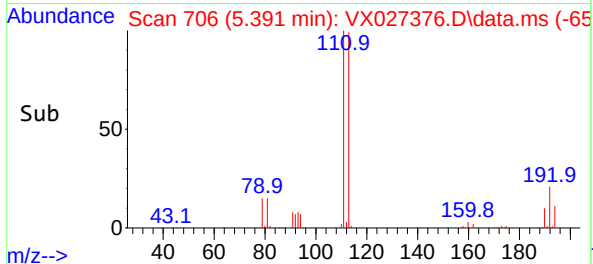


#35  
Dibromofluoromethane  
Concen: 49.271 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

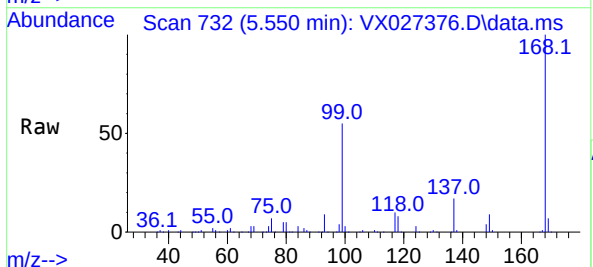
Instrument :  
MSVOA\_X  
ClientSampleId :



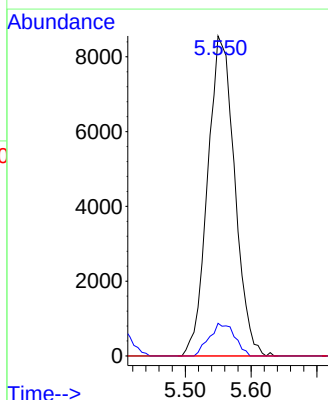
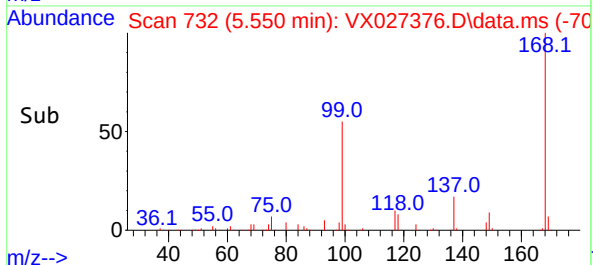
Tgt Ion:113 Resp: 191817  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 21.7 16.9 25.3

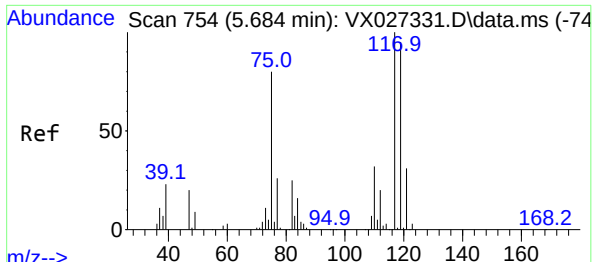


#36  
1,1-Dichloropropene  
Concen: 4.526 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44



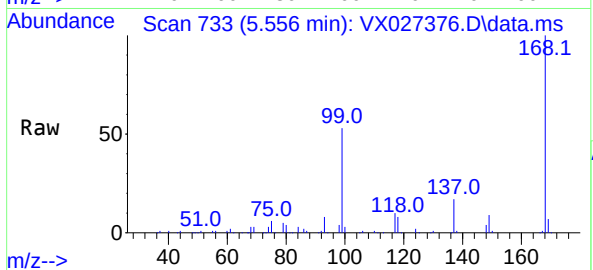
Tgt Ion: 75 Resp: 24464  
Ion Ratio Lower Upper  
75 100  
110 9.6 18.3 54.8#  
77 0.0 24.8 37.2#



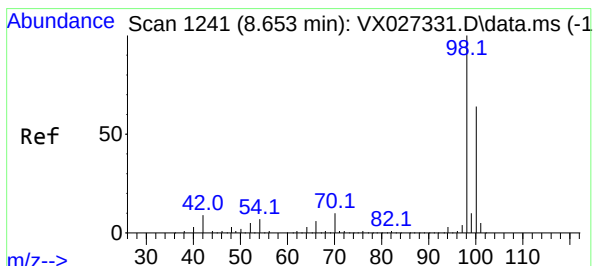
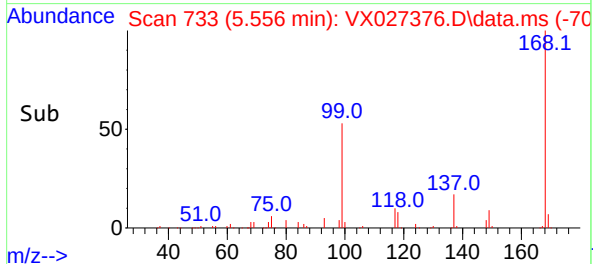
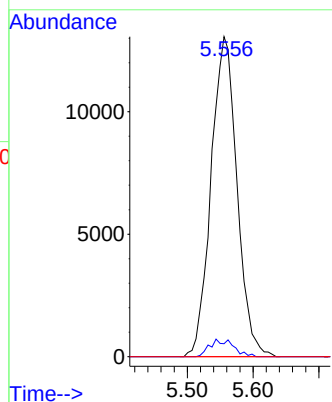


#38  
Carbon Tetrachloride  
Concen: 6.413 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.128 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :

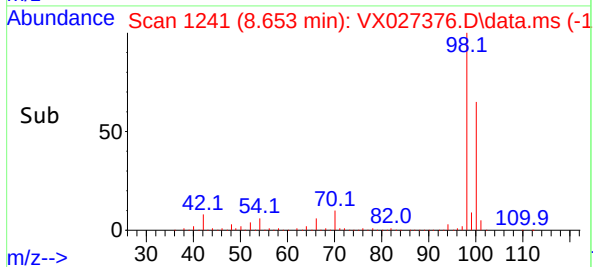
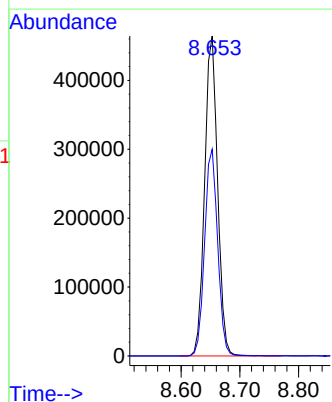
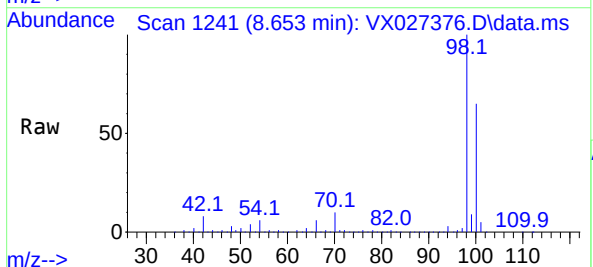


Tgt Ion:117 Resp: 35842  
Ion Ratio Lower Upper  
117 100  
119 4.0 77.3 115.9#  
121 0.0 24.2 36.2#

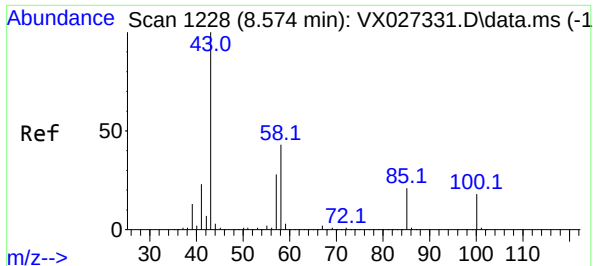


#50  
Toluene-d8  
Concen: 48.398 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 98 Resp: 711339  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.6 78.8



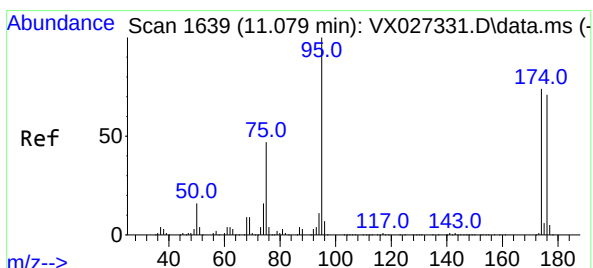
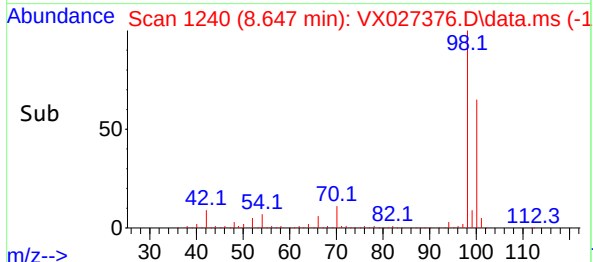
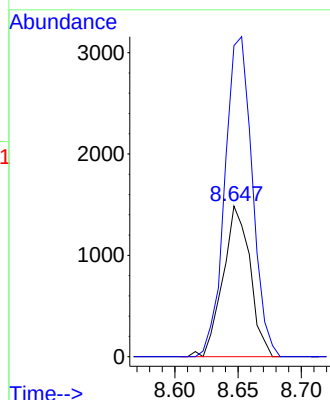
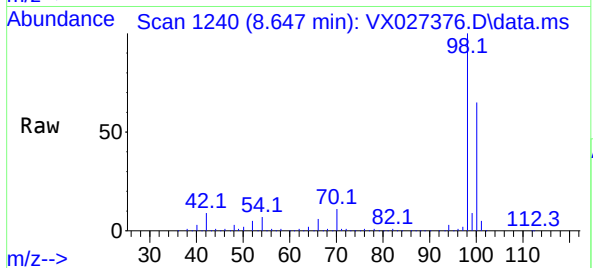




#51  
4-Methyl-2-Pentanone  
Concen: 0.384 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

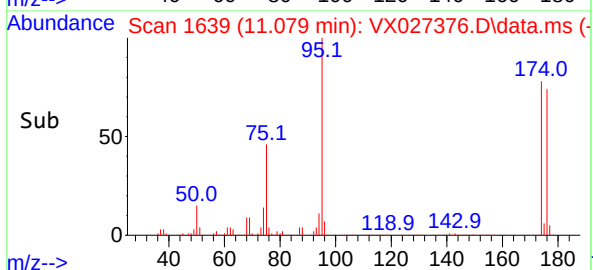
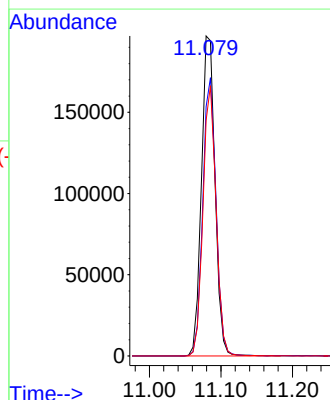
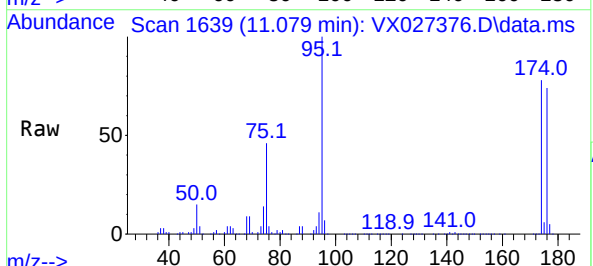
Instrument :  
MSVOA\_X  
ClientSampleId :

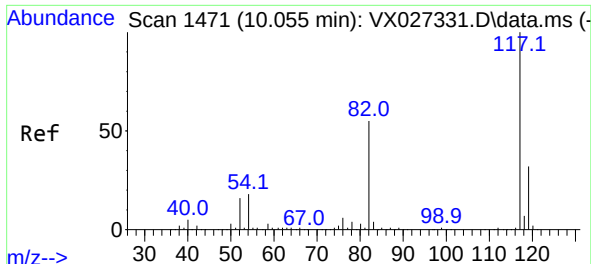
Tgt Ion: 43 Resp: 2206  
Ion Ratio Lower Upper  
43 100  
58 215.5 36.1 54.1#



#62  
4-Bromofluorobenzene  
Concen: 46.361 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 95 Resp: 259702  
Ion Ratio Lower Upper  
95 100  
174 84.8 0.0 163.0  
176 81.6 0.0 155.0

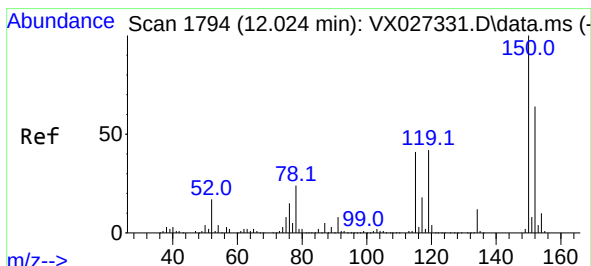
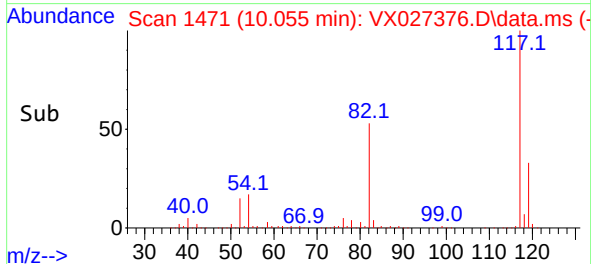
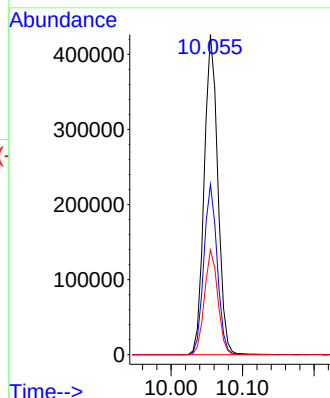
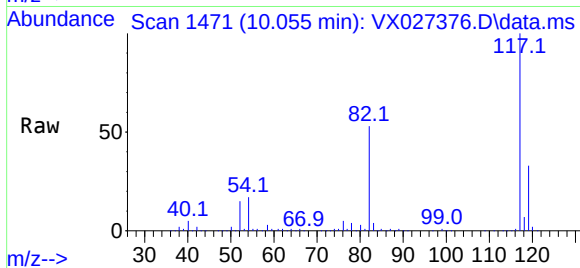




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

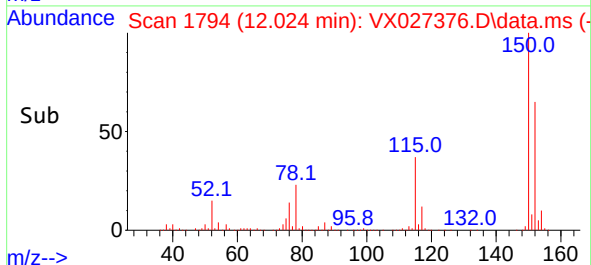
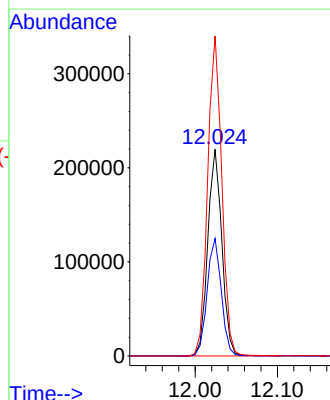
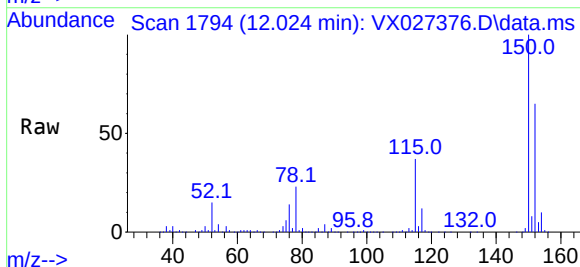
Instrument :  
MSVOA\_X  
ClientSampleId :

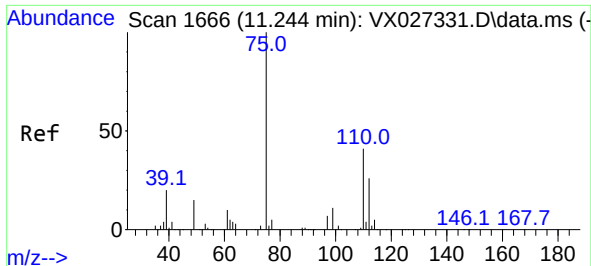
Tgt Ion:117 Resp: 564713  
Ion Ratio Lower Upper  
117 100  
82 53.2 41.8 62.8  
119 32.7 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion:152 Resp: 261028  
Ion Ratio Lower Upper  
152 100  
115 57.3 37.5 112.7  
150 155.4 0.0 338.2

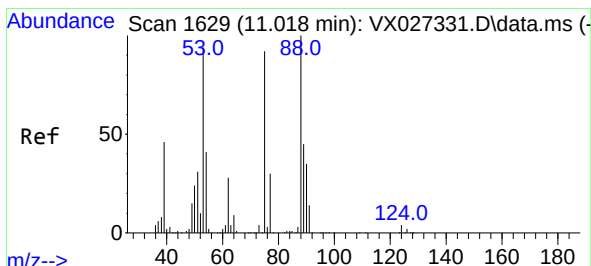
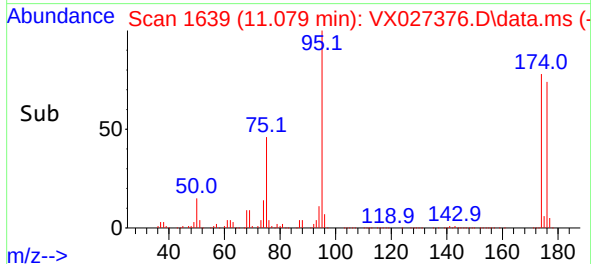
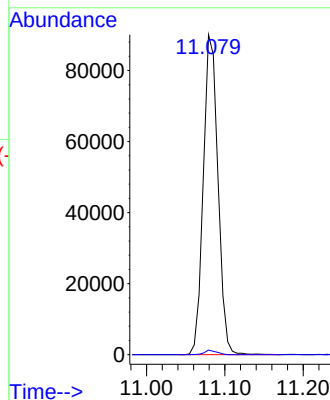
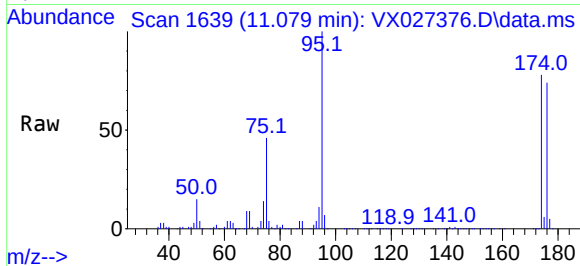




#76  
1,2,3-Trichloropropane  
Concen: 20.416 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 116922  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.027 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX027376.D  
Acq: 10 Mar 2022 14:44

Tgt Ion: 75 Resp: 116922  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

