

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020922\  
 Data File : VX026906.D  
 Acq On : 10 Feb 2022 06:47  
 Operator : JC/MD  
 Sample : N1447-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 10 07:31:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

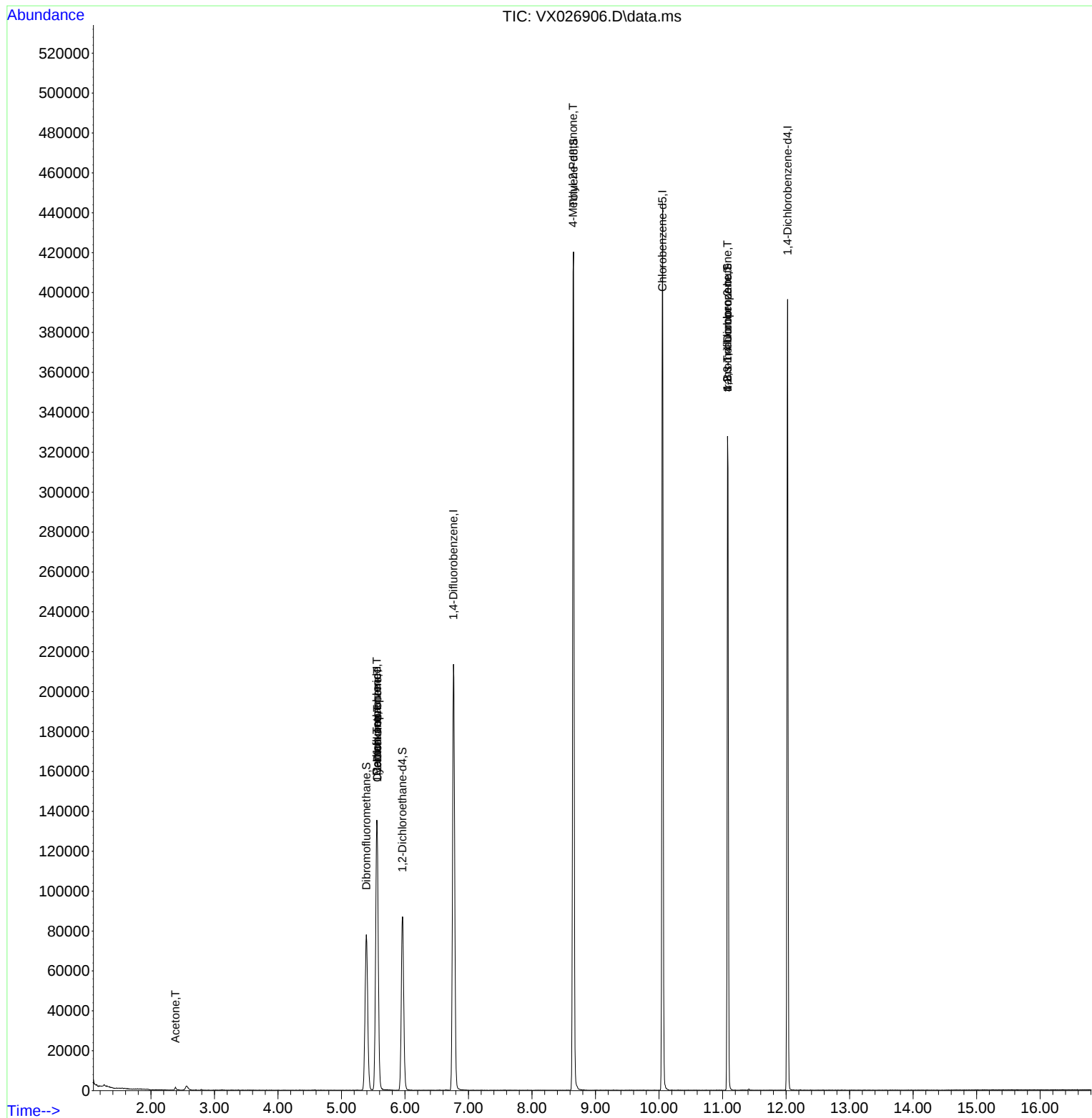
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.556     | 168            | 130419   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114            | 219204   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 197053   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152            | 79911    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65             | 85729    | 54.760     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 109.520% |        |          |
| 35) Dibromofluoromethane      | 5.391     | 113            | 68987    | 52.824     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 105.640% |        |          |
| 50) Toluene-d8                | 8.653     | 98             | 256072   | 53.417     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 106.840% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95             | 92042    | 54.535     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 109.080% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 16) Acetone                   | 2.386     | 43             | 1653     | 2.404      | ug/l   | 95       |
| 31) Cyclohexane               | 5.562     | 56             | 2523     | 1.014      | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.562     | 75             | 10220    | 4.961      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556     | 117            | 13330    | 6.170      | ug/l # | 18       |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43             | 1073     | 0.492      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75             | 46959    | 26.845     | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75             | 46959    | 81.632     | ug/l # | 3        |
| -----                         |           |                |          |            |        |          |

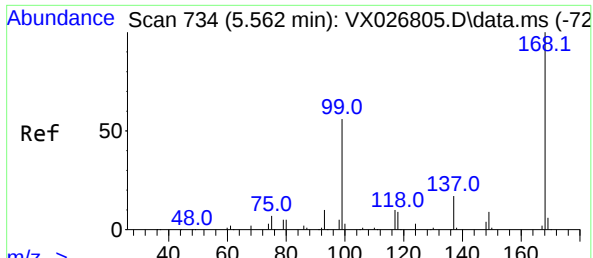
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020922\  
Data File : VX026906.D  
Acq On : 10 Feb 2022 06:47  
Operator : JC/MD  
Sample : N1447-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

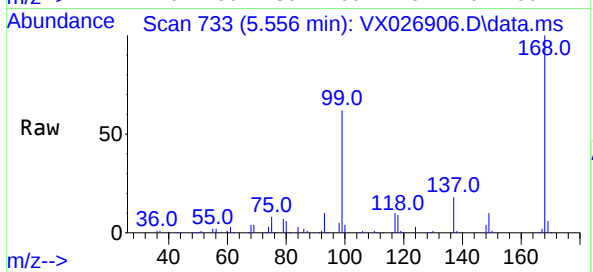
Quant Time: Feb 10 07:31:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 08 07:07:46 2022  
Response via : Initial Calibration



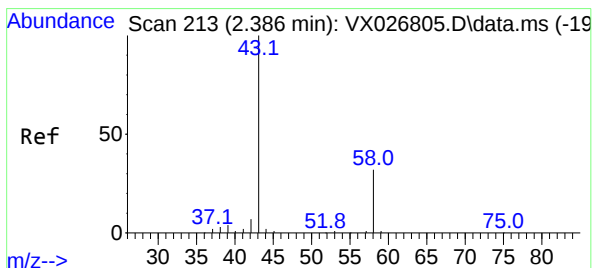
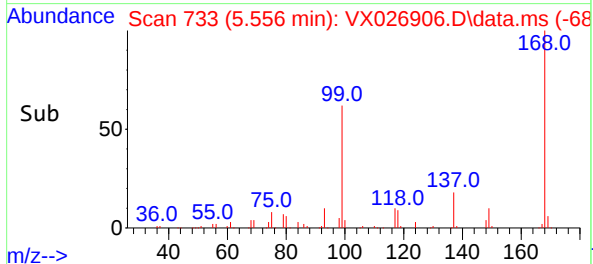
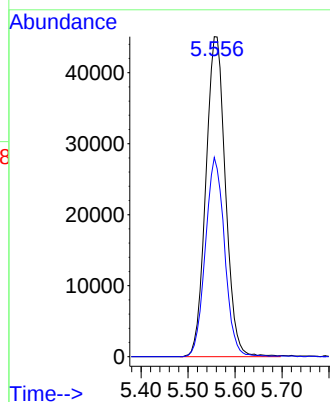


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

Instrument :  
MSVOA\_X  
ClientSampleId :

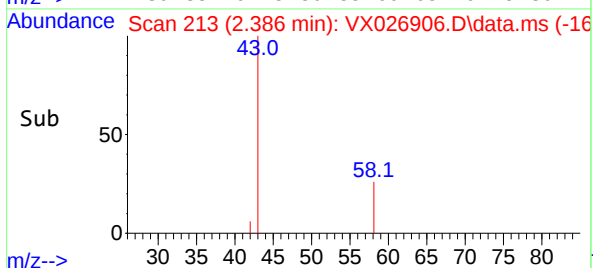
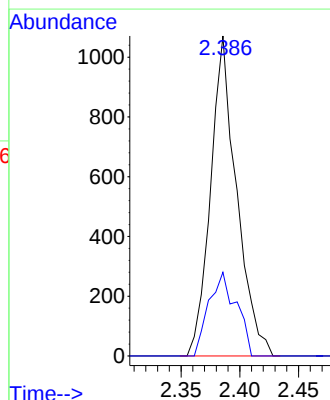
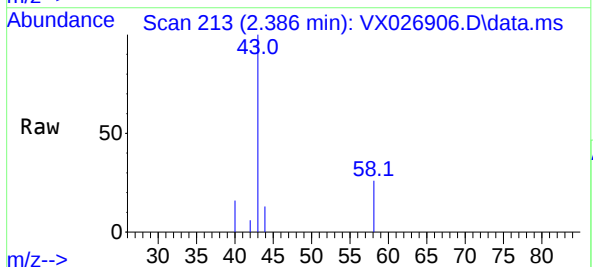


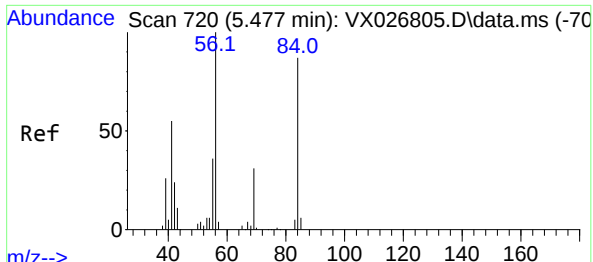
Tgt Ion:168 Resp: 130419  
Ion Ratio Lower Upper  
168 100  
99 62.2 50.3 75.5



#16  
Acetone  
Concen: 2.404 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

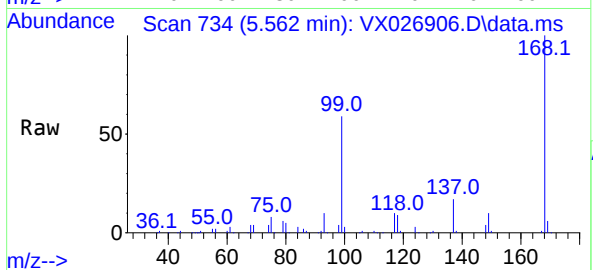
Tgt Ion: 43 Resp: 1653  
Ion Ratio Lower Upper  
43 100  
58 26.1 23.0 34.6



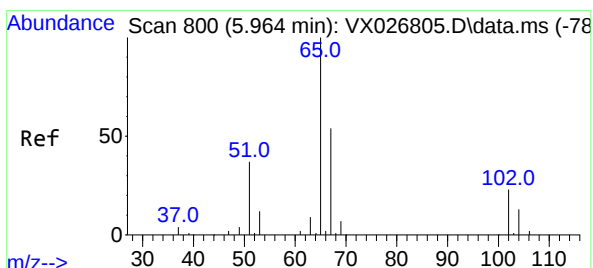
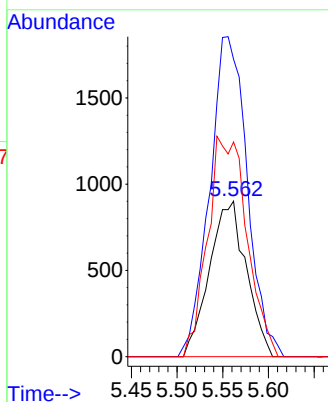
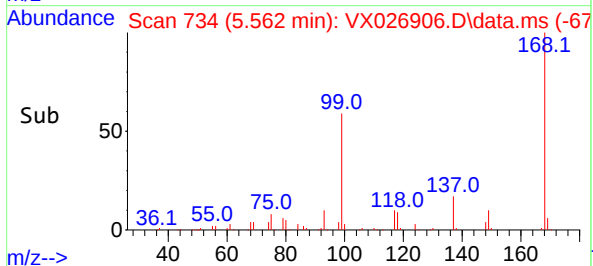


#31  
Cyclohexane  
Concen: 1.014 ug/l  
RT: 5.562 min Scan# 719  
Delta R.T. 0.085 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

Instrument :  
MSVOA\_X  
ClientSampleId :

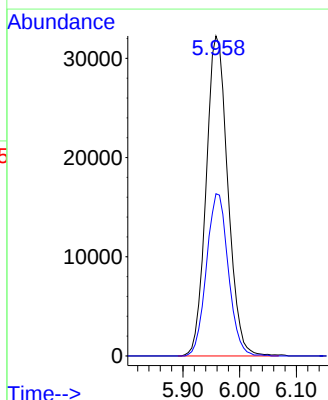
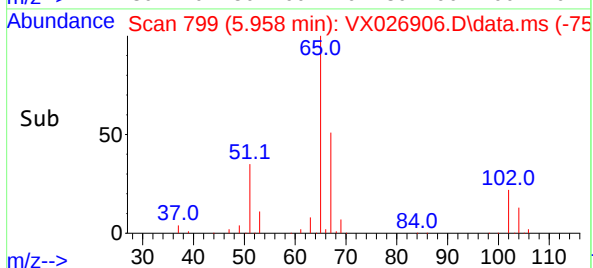
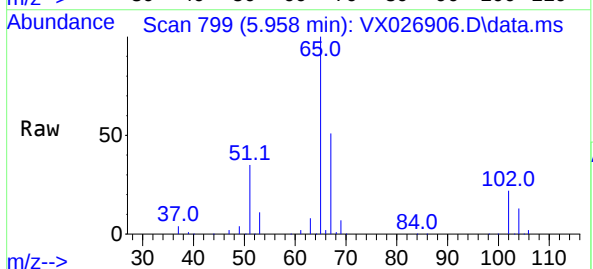


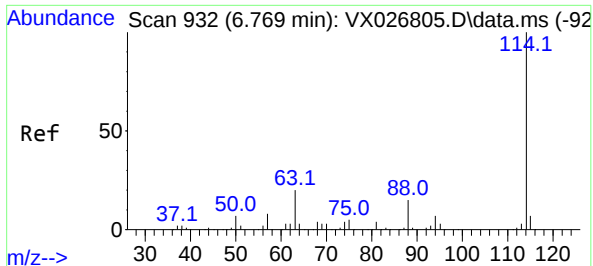
Tgt Ion: 56 Resp: 2523  
Ion Ratio Lower Upper  
56 100  
69 191.3 25.8 38.6#  
84 138.2 68.9 103.3#



#33  
1,2-Dichloroethane-d4  
Concen: 54.760 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

Tgt Ion: 65 Resp: 85729  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 100.8

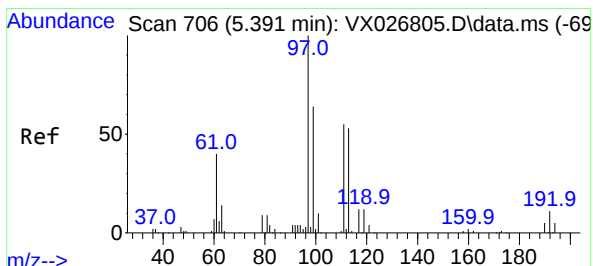
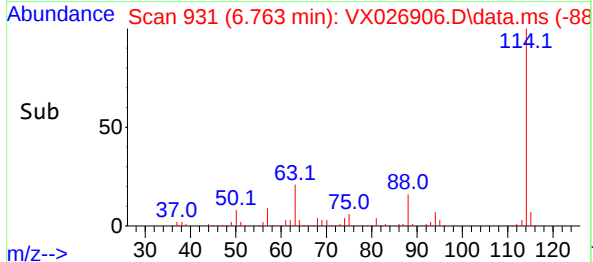
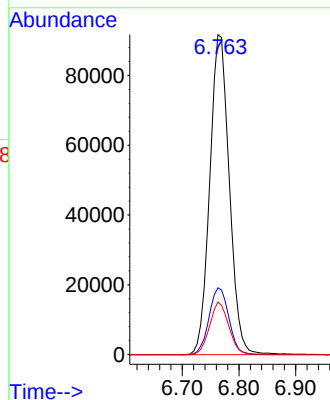
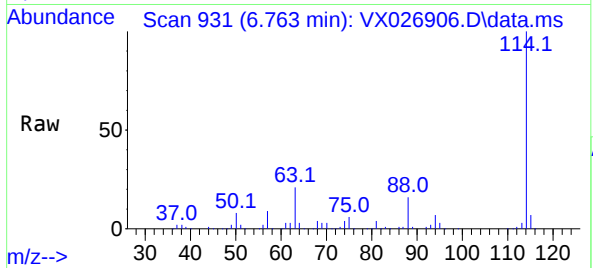




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

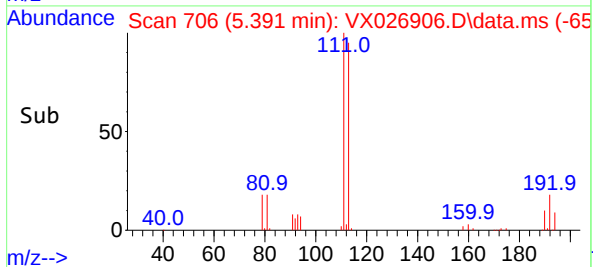
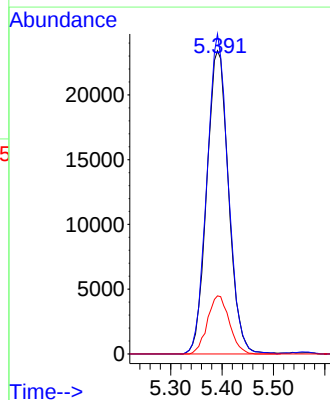
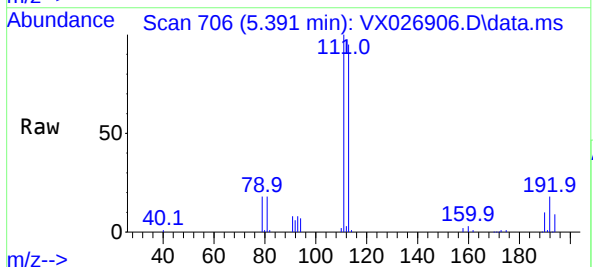
Instrument :  
MSVOA\_X  
ClientSampleId :

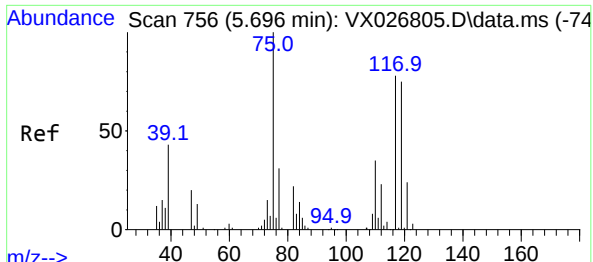
Tgt Ion:114 Resp: 219204  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 42.8  
88 16.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 52.824 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

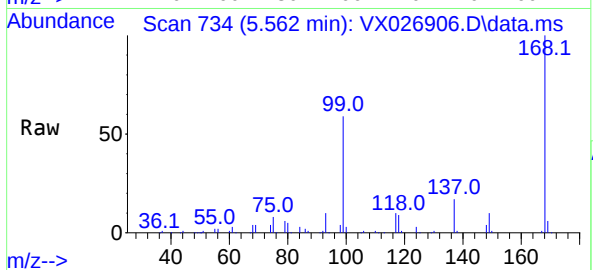
Tgt Ion:113 Resp: 68987  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.2 121.8  
192 19.2 15.0 22.4



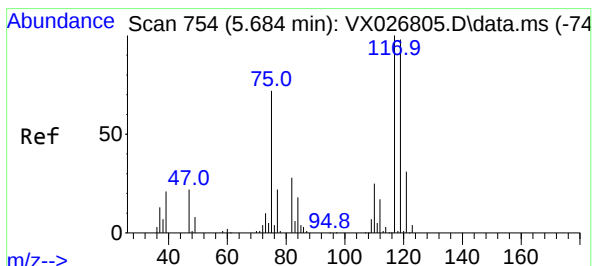
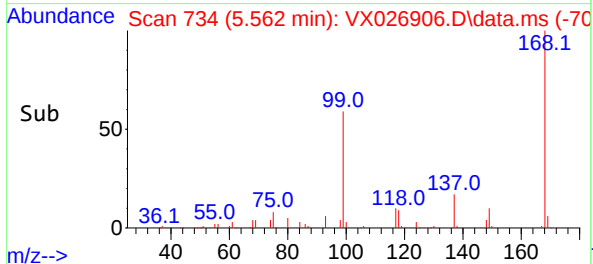
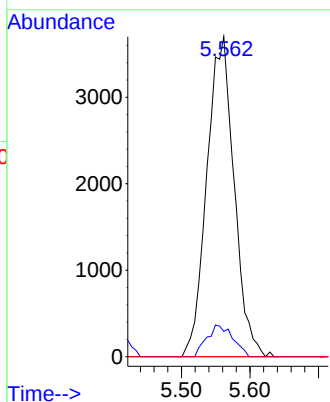


#36  
1,1-Dichloropropene  
Concen: 4.961 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

Instrument :  
MSVOA\_X  
ClientSampleId :

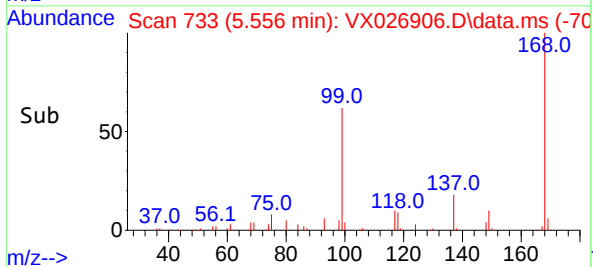
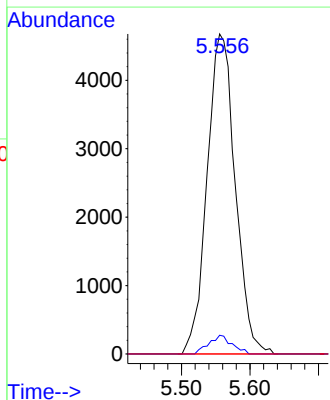
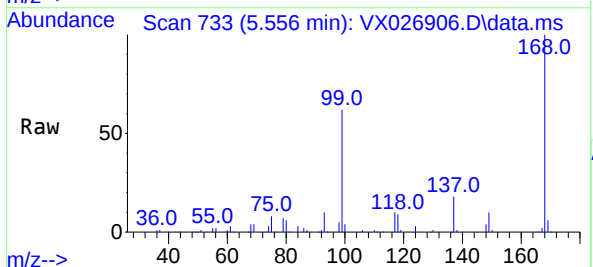


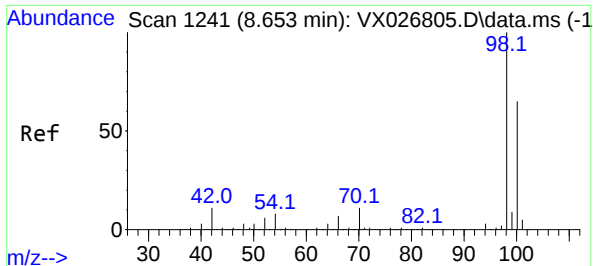
Tgt Ion: 75 Resp: 10220  
Ion Ratio Lower Upper  
75 100  
110 9.4 17.2 51.6#  
77 0.0 24.6 36.8#



#38  
Carbon Tetrachloride  
Concen: 6.170 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

Tgt Ion: 117 Resp: 13330  
Ion Ratio Lower Upper  
117 100  
119 5.8 74.7 112.1#  
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.417 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026906.D

Acq: 10 Feb 2022 06:47

Instrument :

MSVOA\_X

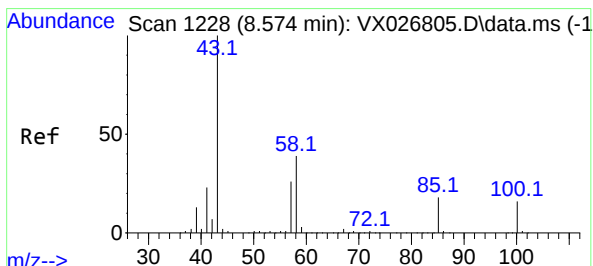
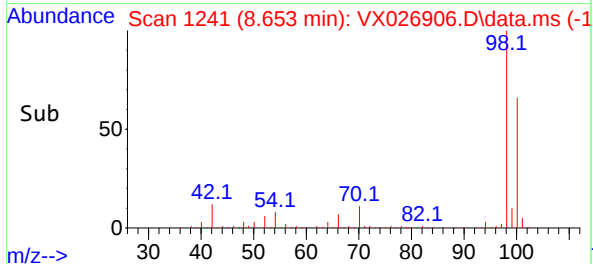
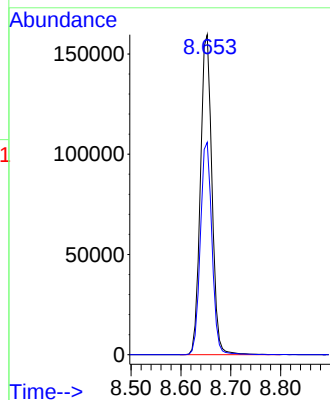
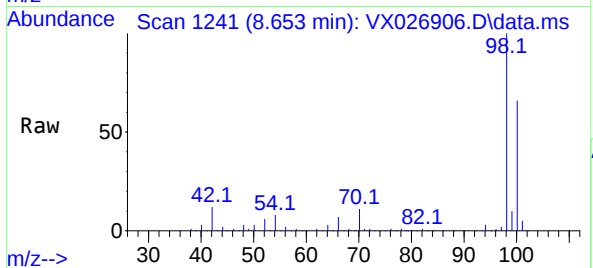
ClientSampleId :

Tgt Ion: 98 Resp: 256072

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.492 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX026906.D

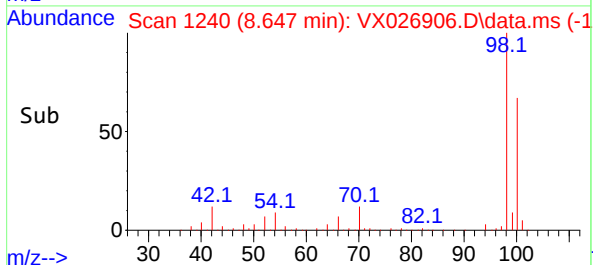
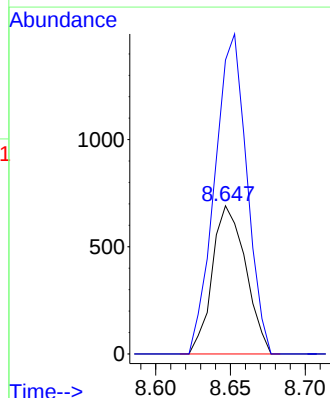
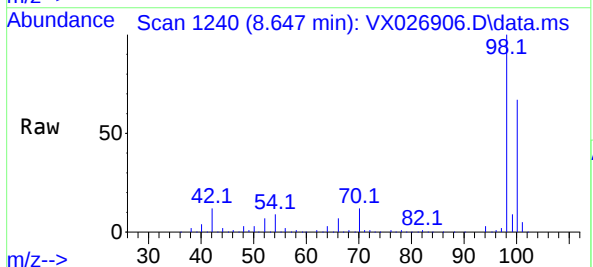
Acq: 10 Feb 2022 06:47

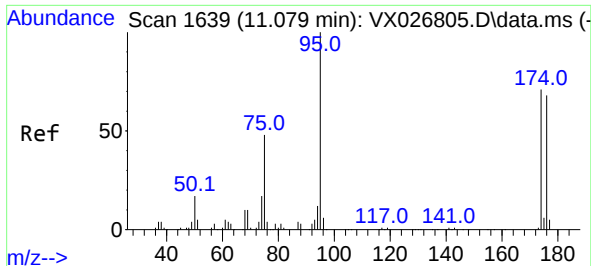
Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

58 207.6 30.5 45.7#

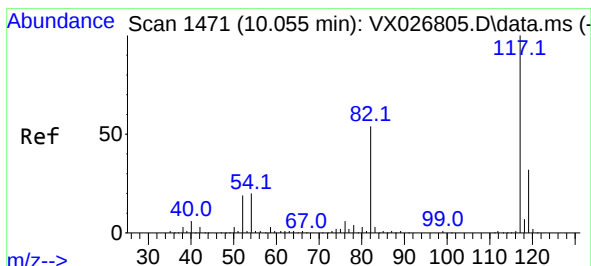
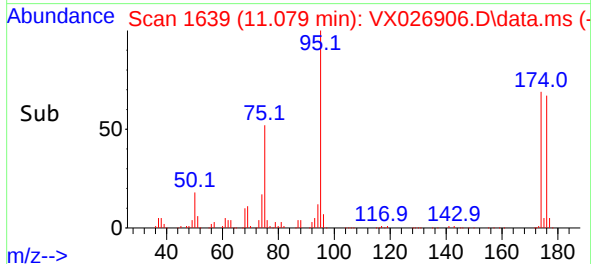
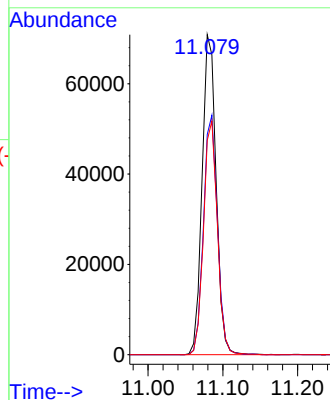
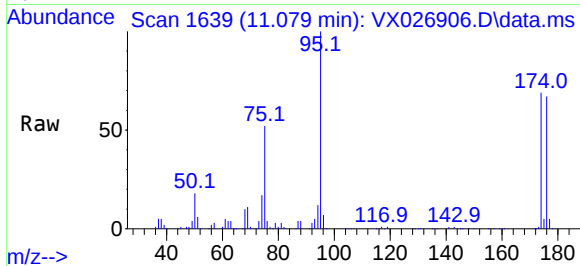




#62  
4-Bromofluorobenzene  
Concen: 54.535 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

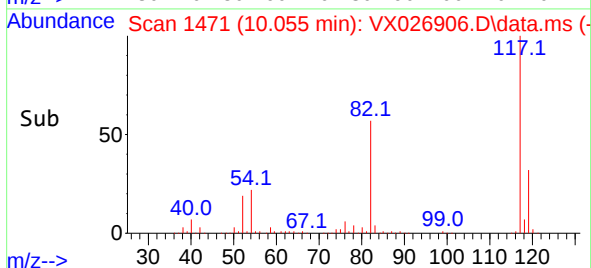
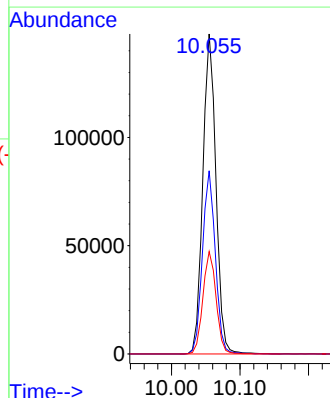
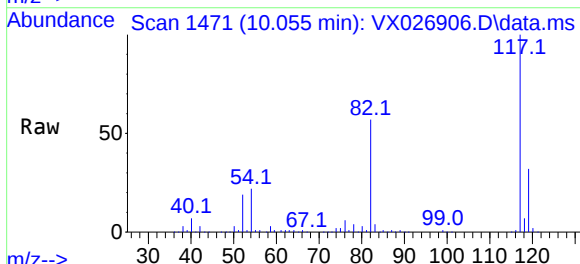
Instrument :  
MSVOA\_X  
ClientSampleId :

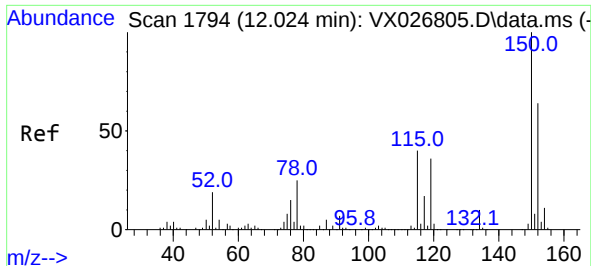
Tgt Ion: 95 Resp: 92042  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 148.6  
176 72.3 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

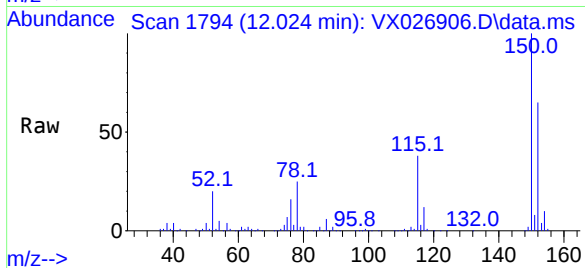
Tgt Ion: 117 Resp: 197053  
Ion Ratio Lower Upper  
117 100  
82 57.3 45.2 67.8  
119 32.0 26.2 39.2



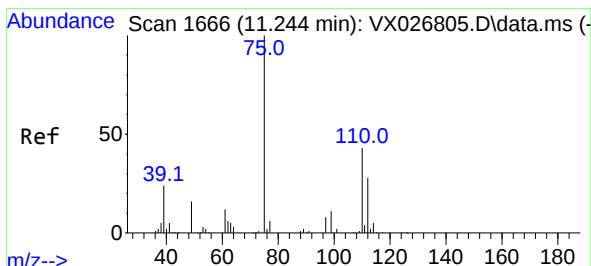
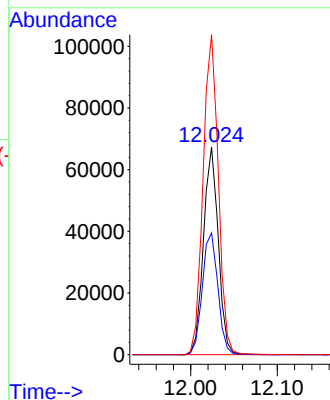
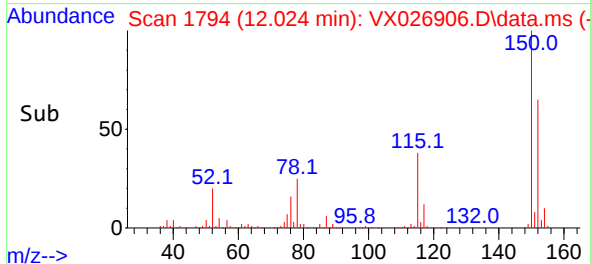


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47

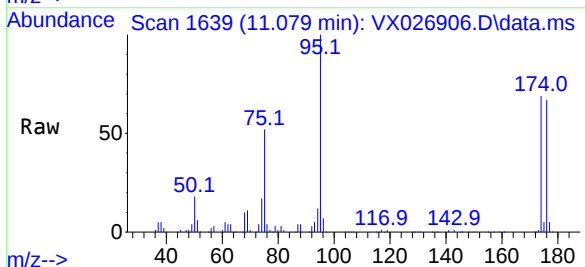
Instrument :  
MSVOA\_X  
ClientSampleId :



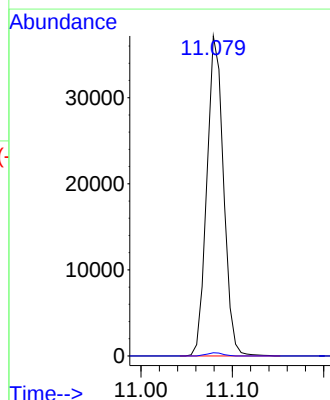
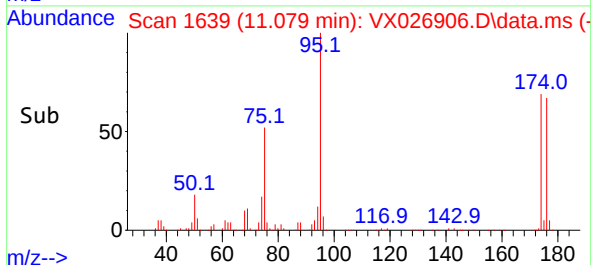
Tgt Ion:152 Resp: 79911  
Ion Ratio Lower Upper  
152 100  
115 61.7 44.2 132.6  
150 158.4 0.0 348.2

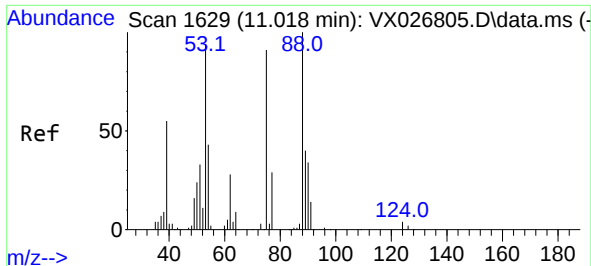


#76  
1,2,3-Trichloropropane  
Concen: 26.845 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX026906.D  
Acq: 10 Feb 2022 06:47



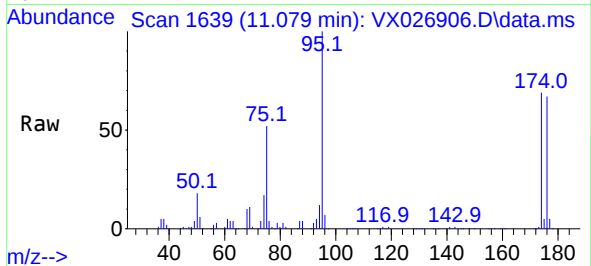
Tgt Ion: 75 Resp: 46959  
Ion Ratio Lower Upper  
75 100  
77 1.0 18.3 54.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 81.632 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX026906.D  
 Acq: 10 Feb 2022 06:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 46959  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 94.0 141.0#  
 89 0.0 37.0 55.4#

