

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
 Data File : VX022926.D  
 Acq On : 25 Jun 2021 16:26  
 Operator : JC/MD  
 Sample : M2803-16DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20210621DL

Quant Time: Jun 26 03:54:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

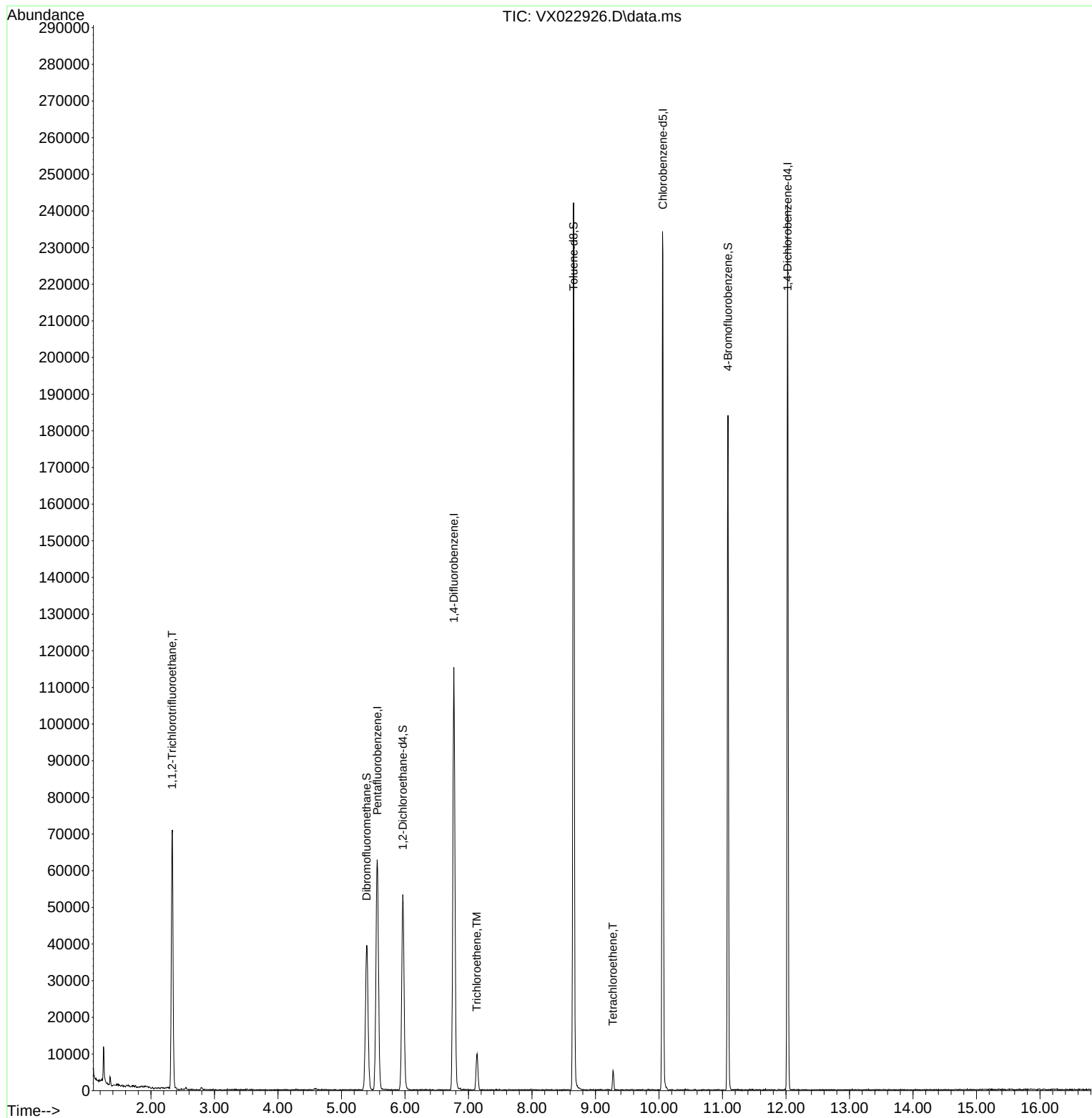
| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.562     | 168   | 51006    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769     | 114   | 107780   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.061    | 117   | 101279   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 41403    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964     | 65    | 47863    | 51.707   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 103.420% |
| 35) Dibromofluoromethane     | 5.397     | 113   | 33633    | 49.140   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 98.280%  |
| 50) Toluene-d8               | 8.653     | 98    | 136303   | 50.814   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 101.620% |
| 62) 4-Bromofluorobenzene     | 11.085    | 95    | 49164    | 49.110   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 98.220%  |
| Target Compounds             |           |       |          |          |        |          |
|                              |           |       |          |          |        | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 28345    | 42.738   | ug/l   | 89       |
| 44) Trichloroethene          | 7.129     | 130   | 3303     | 4.219    | ug/l   | 74       |
| 64) Tetrachloroethene        | 9.275     | 164   | 763      | 1.072    | ug/l # | 64       |
| -----                        |           |       |          |          |        |          |

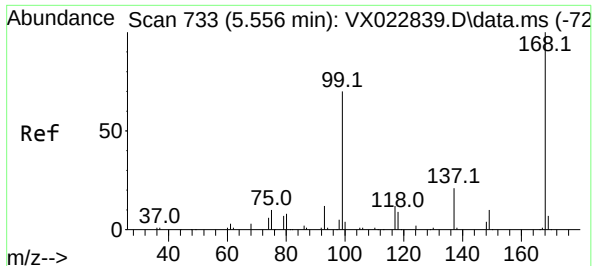
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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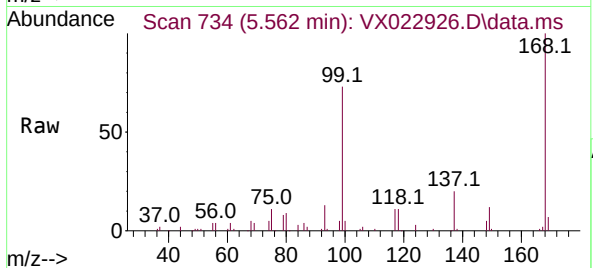
Quant Time: Jun 26 03:54:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration



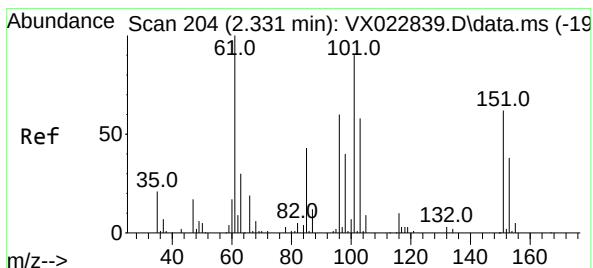
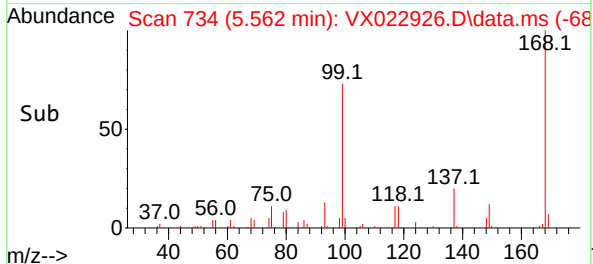
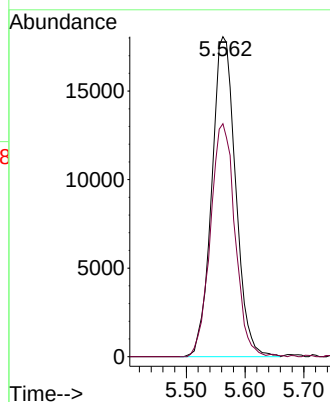


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20210621DL

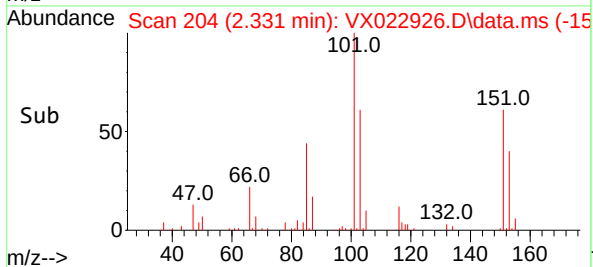
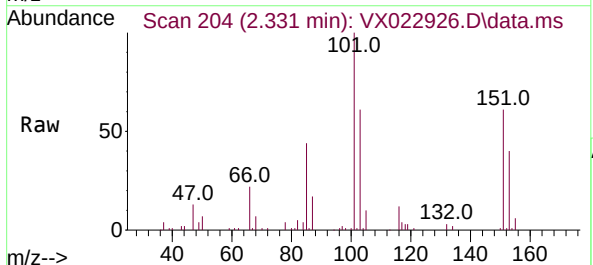
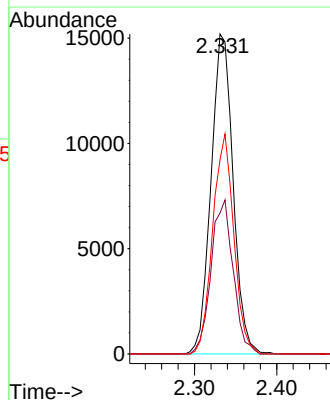


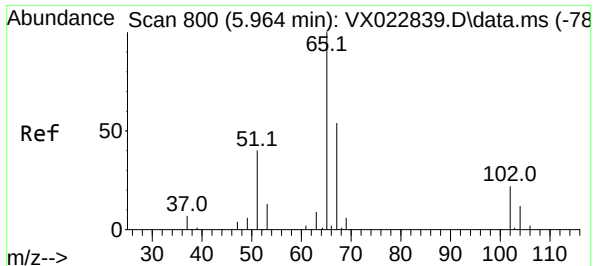
Tgt Ion:168 Resp: 51006  
Ion Ratio Lower Upper  
168 100  
99 72.8 45.8 68.6#



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.738 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Tgt Ion:101 Resp: 28345  
Ion Ratio Lower Upper  
101 100  
85 48.2 34.9 52.3  
151 65.9 61.4 92.2



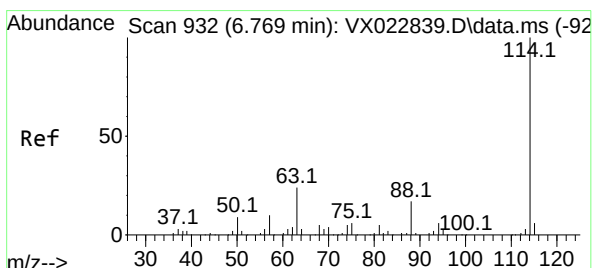
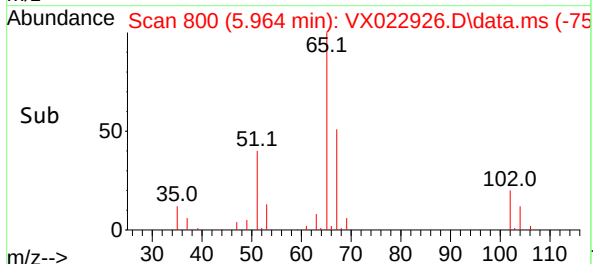
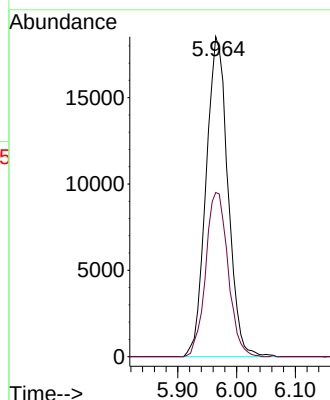
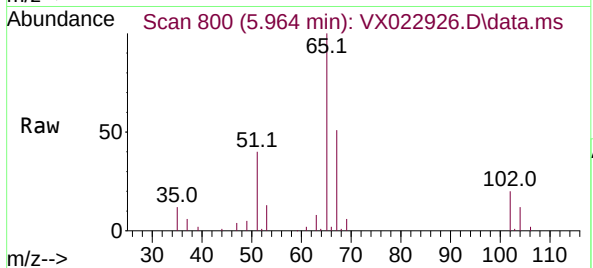


#33

1,2-Dichloroethane-d4  
Concen: 51.707 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Instrument :  
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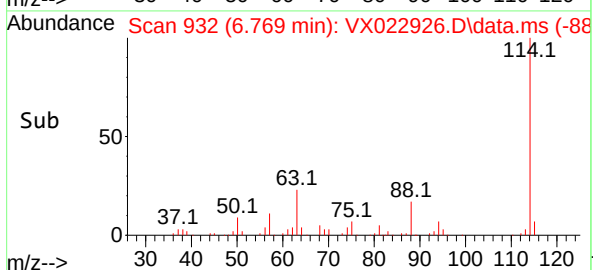
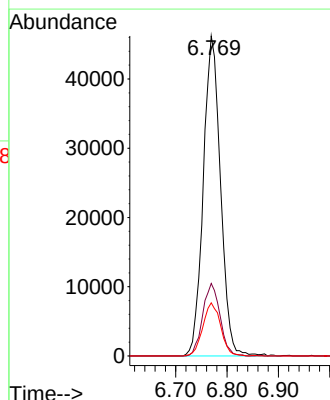
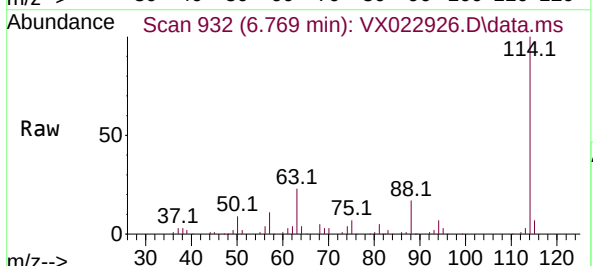
Tgt Ion: 65 Resp: 47863  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.4

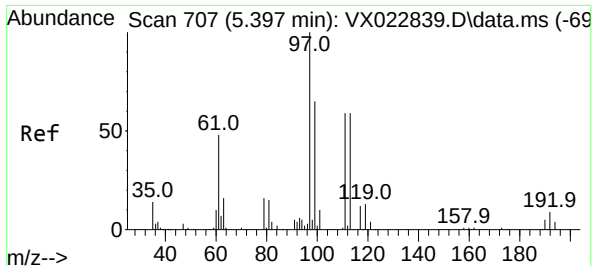


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Tgt Ion: 114 Resp: 107780  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 40.8  
88 16.6 0.0 32.8

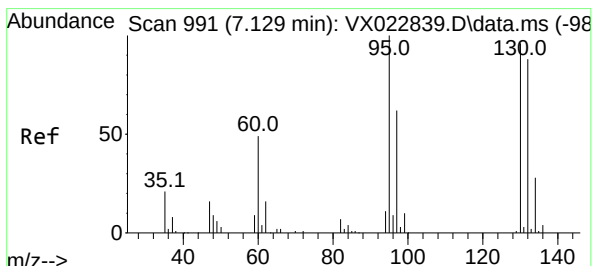
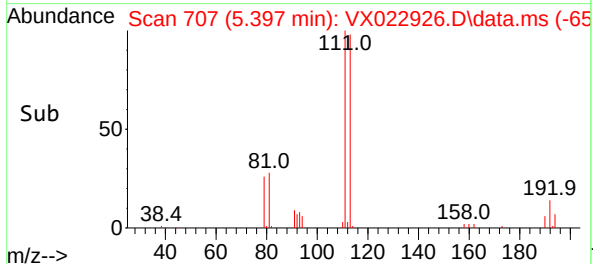
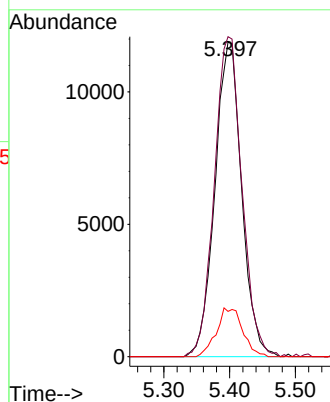
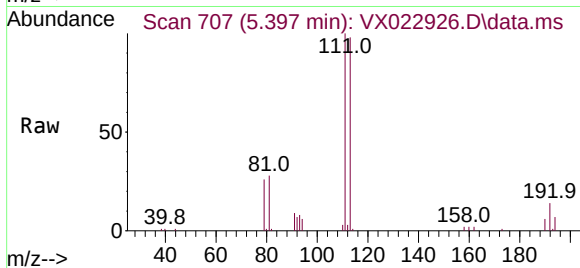




#35  
Dibromofluoromethane  
Concen: 49.140 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

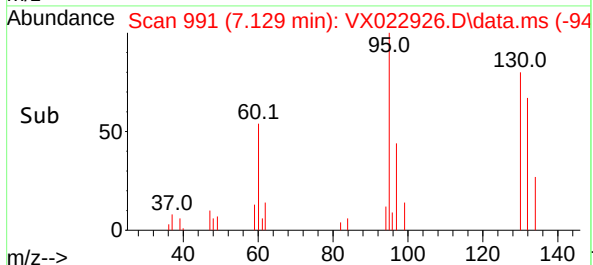
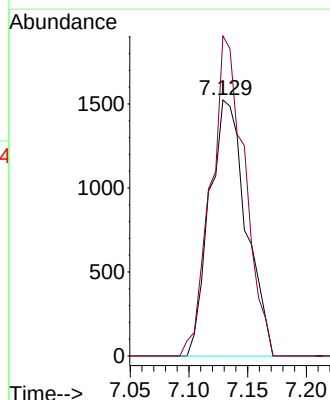
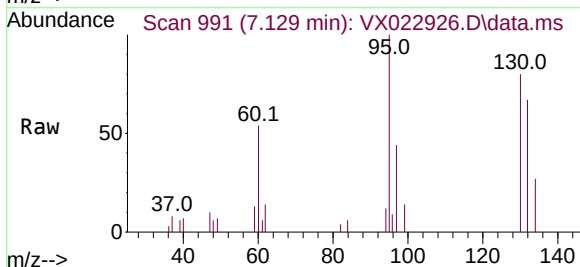
Instrument :  
MSVOA\_X  
ClientSampleId :  
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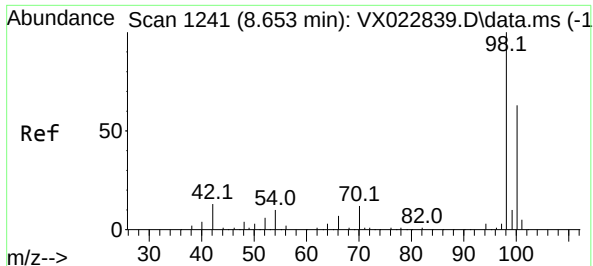
Tgt Ion:113 Resp: 33633  
Ion Ratio Lower Upper  
113 100  
111 104.9 81.9 122.9  
192 15.1 16.7 25.1#



#44  
Trichloroethene  
Concen: 4.219 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Tgt Ion:130 Resp: 3303  
Ion Ratio Lower Upper  
130 100  
95 125.0 0.0 198.0





#50

Toluene-d8

Concen: 50.814 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022926.D

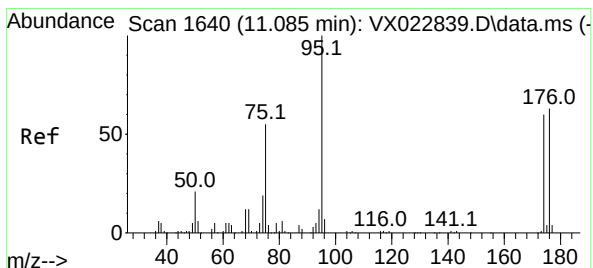
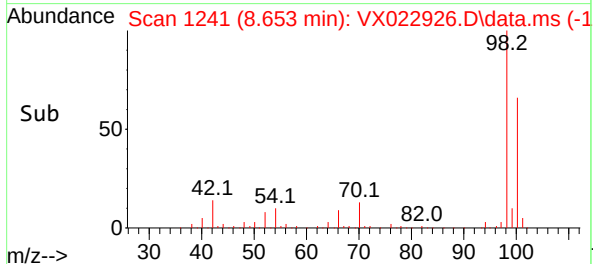
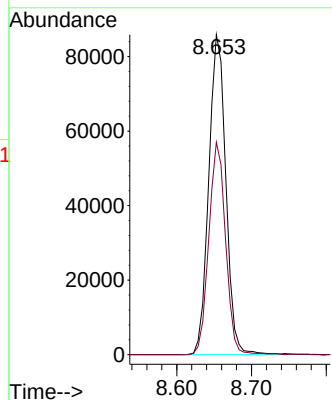
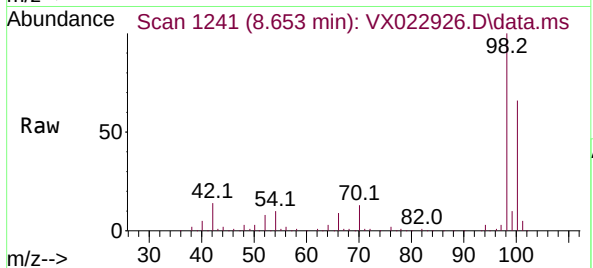
Acq: 25 Jun 2021 16:26

Tgt Ion: 98 Resp: 136303

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.110 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022926.D

Acq: 25 Jun 2021 16:26

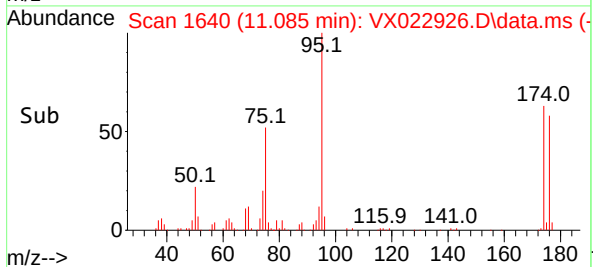
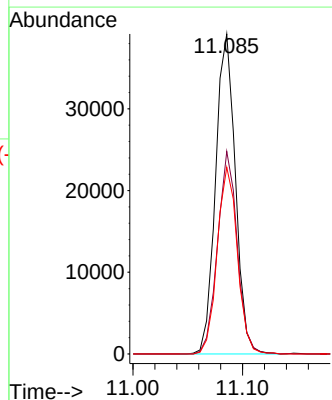
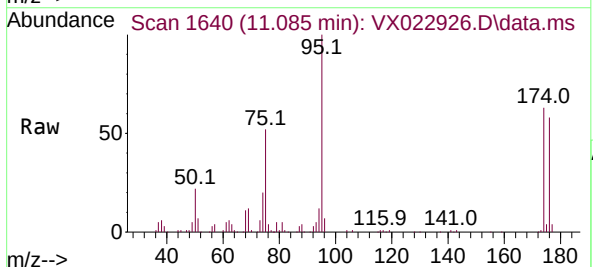
Tgt Ion: 95 Resp: 49164

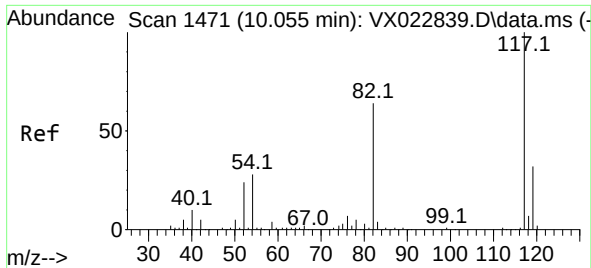
Ion Ratio Lower Upper

95 100

174 62.9 0.0 154.6

176 59.4 0.0 155.8

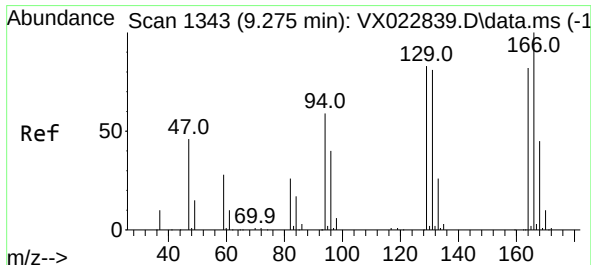
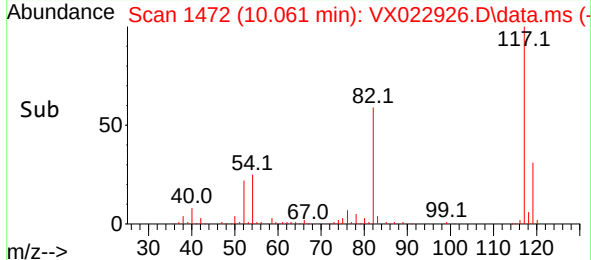
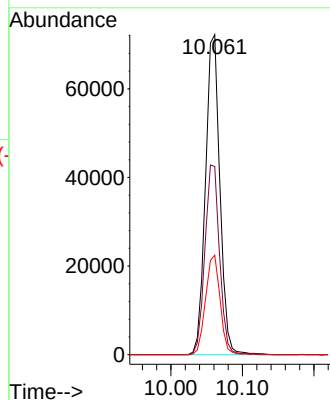
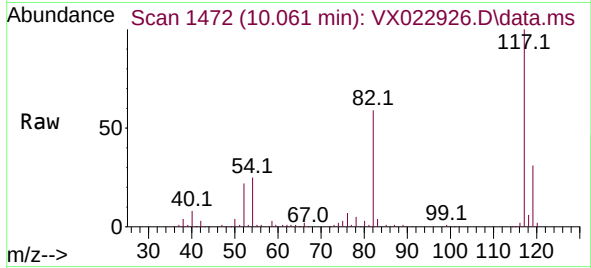




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

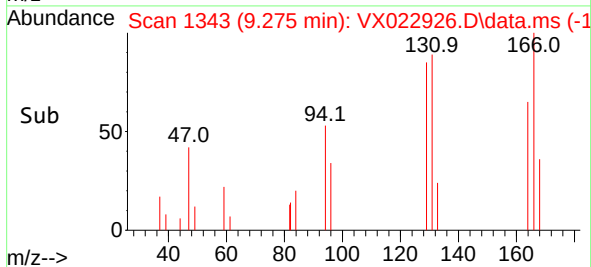
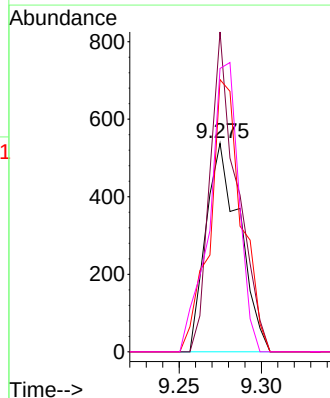
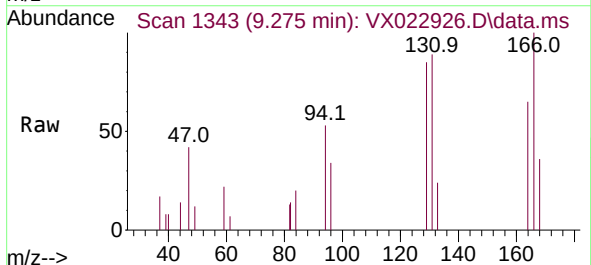
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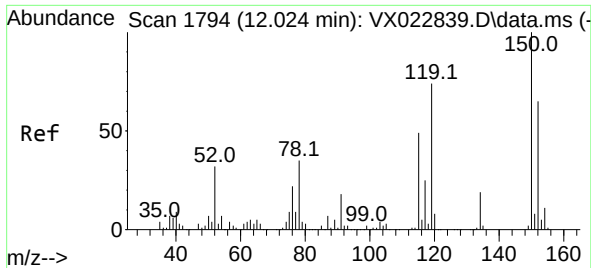
Tgt Ion:117 Resp: 101279  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.4 71.2  
119 31.1 26.6 39.8



#64  
Tetrachloroethene  
Concen: 1.072 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX022926.D  
Acq: 25 Jun 2021 16:26

Tgt Ion:164 Resp: 763  
Ion Ratio Lower Upper  
164 100  
166 153.3 103.4 155.2  
129 130.5 70.8 106.2#  
131 135.9 72.5 108.7#





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022926.D  
 Acq: 25 Jun 2021 16:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 41403  
 Ion Ratio Lower Upper  
 152 100  
 115 68.1 41.1 123.3  
 150 160.5 0.0 349.0

