

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121821\  
 Data File : VX025890.D  
 Acq On : 17 Dec 2021 17:04  
 Operator : JC/MD  
 Sample : M5155-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-121721

Quant Time: Dec 19 02:32:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 14 07:02:11 2021  
 Response via : Initial Calibration

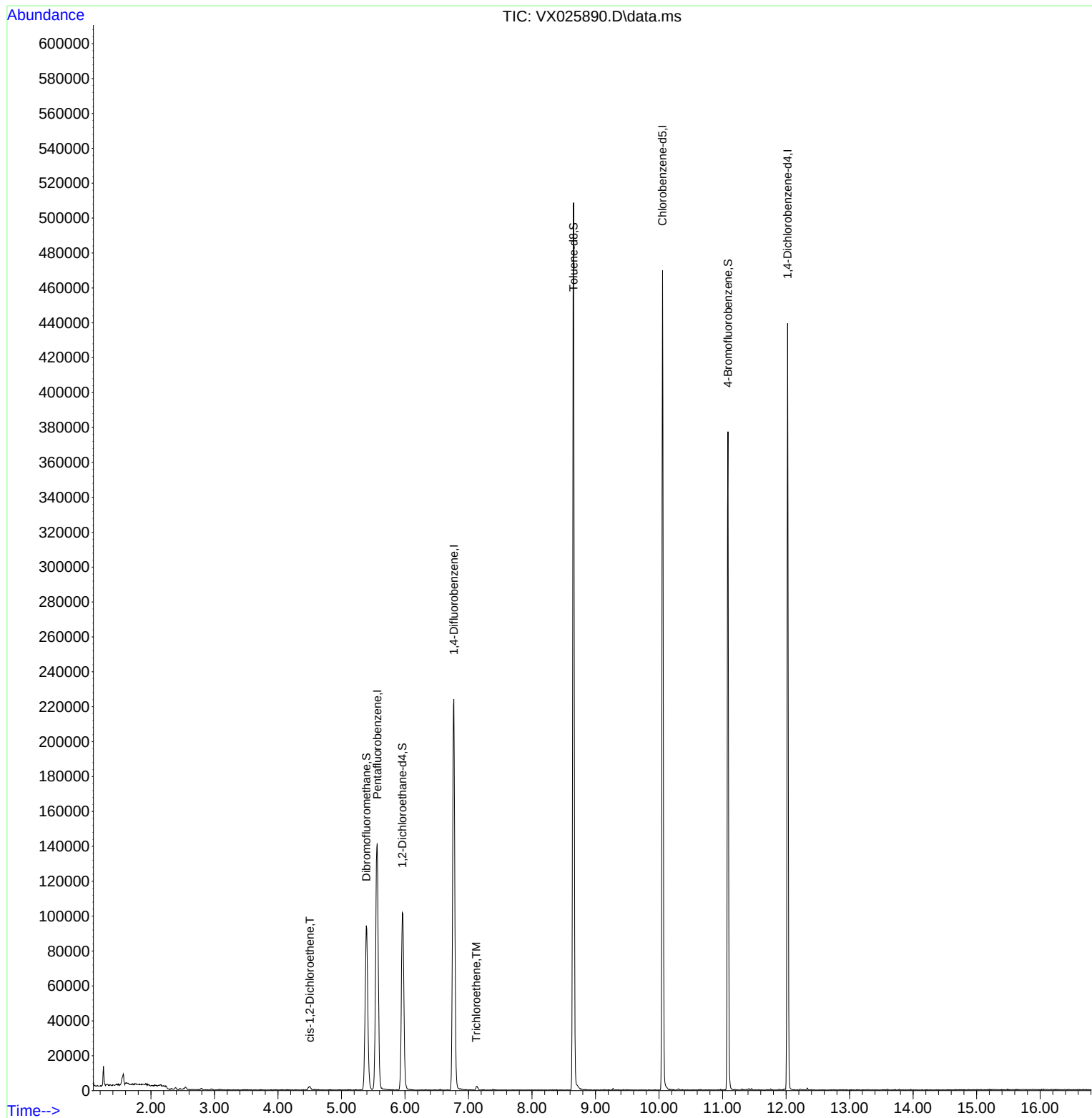
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min)     |
|-----------------------------|-----------|-------|----------|----------|------------|--------------|
| -----                       |           |       |          |          |            |              |
| Internal Standards          |           |       |          |          |            |              |
| 1) Pentafluorobenzene       | 5.562     | 168   | 131462   | 50.000   | ug/l       | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 230567   | 50.000   | ug/l       | 0.00         |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 208666   | 50.000   | ug/l       | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 86845    | 50.000   | ug/l       | 0.00         |
| System Monitoring Compounds |           |       |          |          |            |              |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 99702    | 52.710   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 105.420% |              |
| 35) Dibromofluoromethane    | 5.391     | 113   | 80131    | 49.833   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 99.660%  |              |
| 50) Toluene-d8              | 8.653     | 98    | 296151   | 50.548   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 101.100% |              |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 99600    | 44.753   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 89.500%  |              |
| Target Compounds            |           |       |          |          |            |              |
| 27) cis-1,2-Dichloroethene  | 4.501     | 96    | 1365     | 0.741    | ug/l       | Qvalue<br>92 |
| 44) Trichloroethene         | 7.123     | 130   | 950      | 0.525    | ug/l       | 78           |
| -----                       |           |       |          |          |            |              |

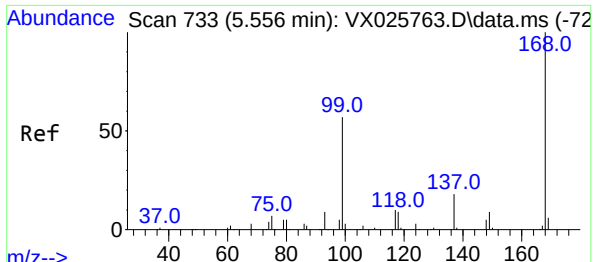
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121821\  
Data File : VX025890.D  
Acq On : 17 Dec 2021 17:04  
Operator : JC/MD  
Sample : M5155-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-121721

Quant Time: Dec 19 02:32:21 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 14 07:02:11 2021  
Response via : Initial Calibration

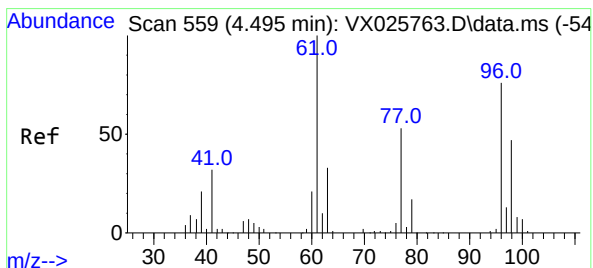
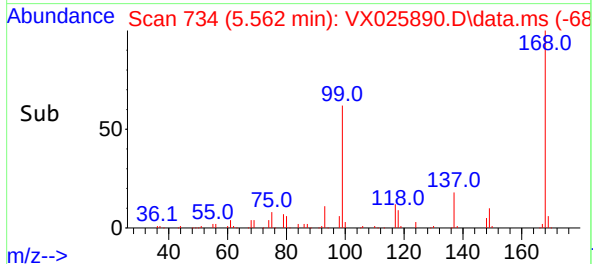
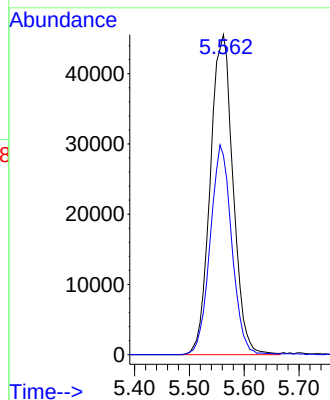
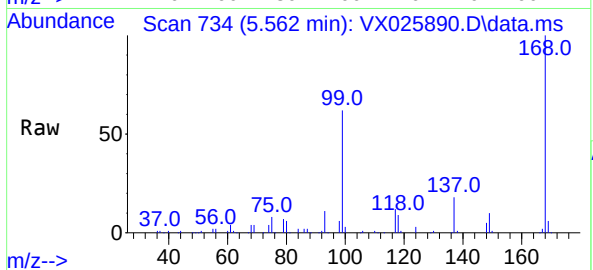




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

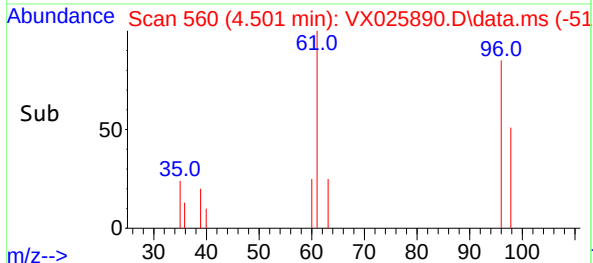
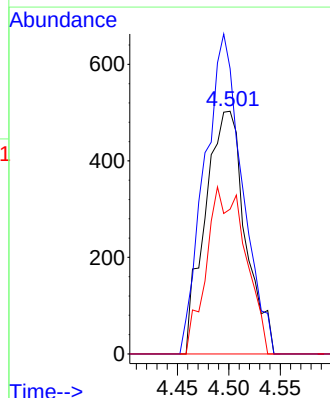
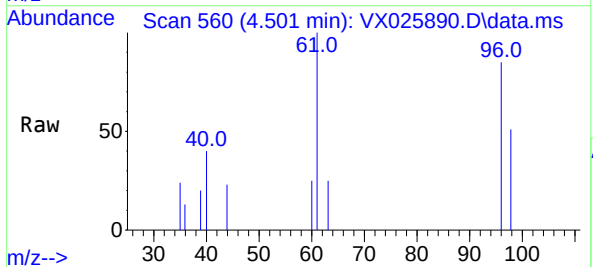
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-121721

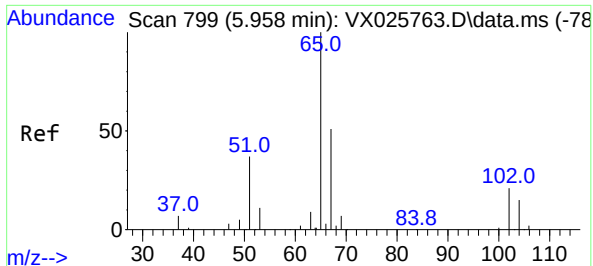
Tgt Ion:168 Resp: 131462  
Ion Ratio Lower Upper  
168 100  
99 62.3 45.8 68.8



#27  
cis-1,2-Dichloroethene  
Concen: 0.741 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Tgt Ion: 96 Resp: 1365  
Ion Ratio Lower Upper  
96 100  
61 124.5 0.0 276.8  
98 66.7 0.0 130.6

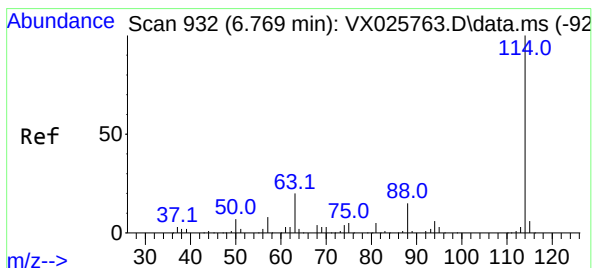
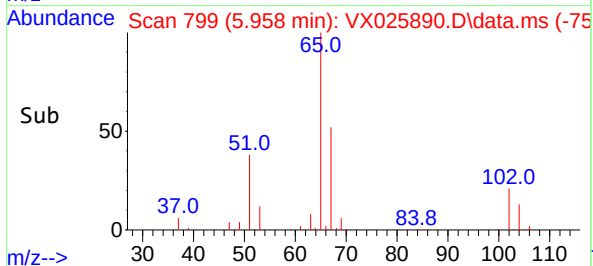
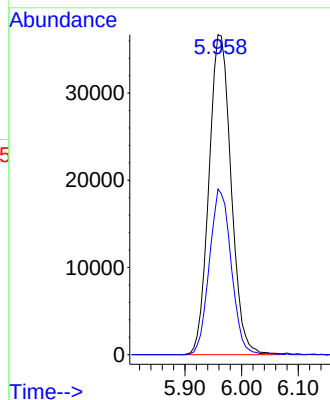
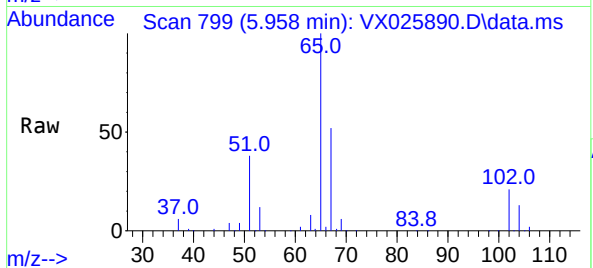




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.710 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX025890.D  
 Acq: 17 Dec 2021 17:04

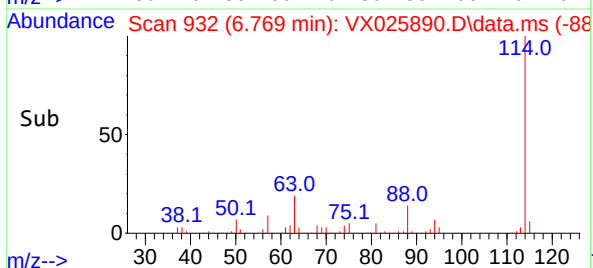
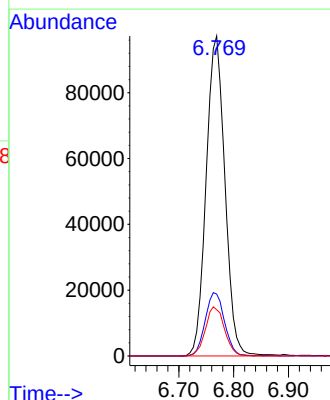
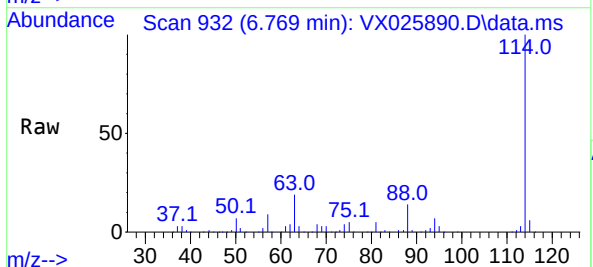
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-121721

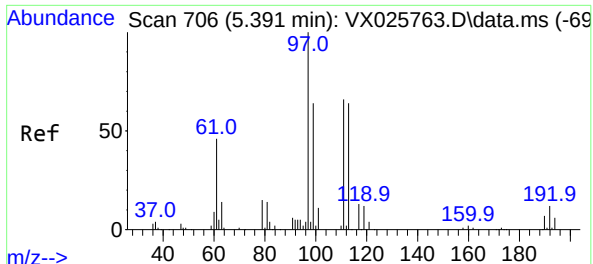
Tgt Ion: 65 Resp: 99702  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 103.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX025890.D  
 Acq: 17 Dec 2021 17:04

Tgt Ion: 114 Resp: 230567  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 40.0  
 88 14.5 0.0 30.6



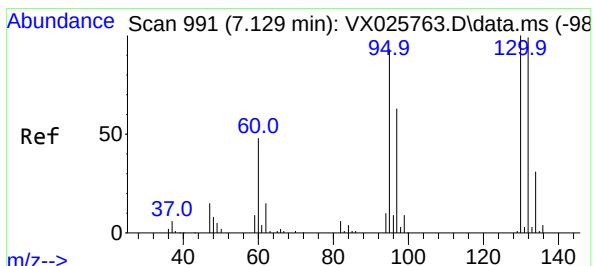
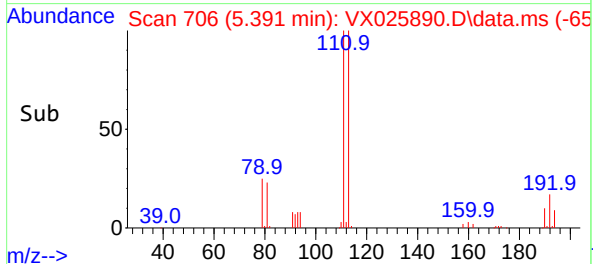
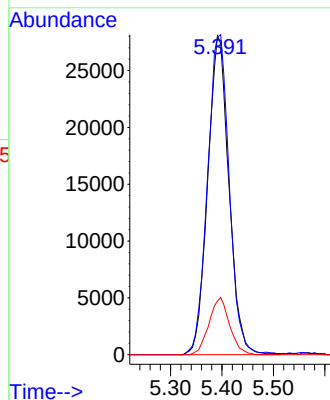
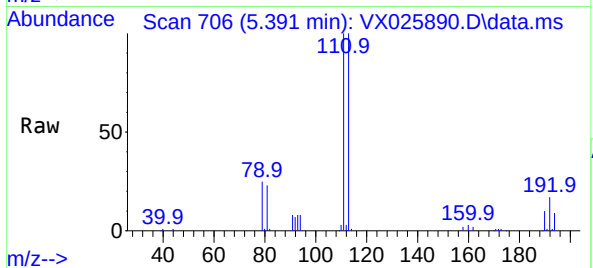


#35  
Dibromofluoromethane  
Concen: 49.833 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-121721

Tgt Ion:113 Resp: 80131

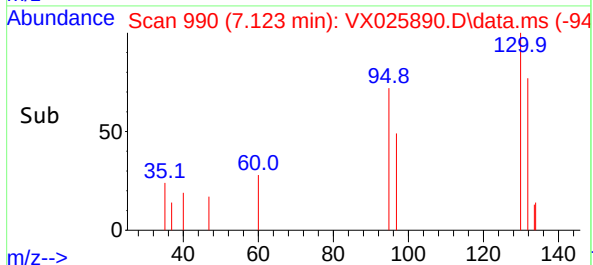
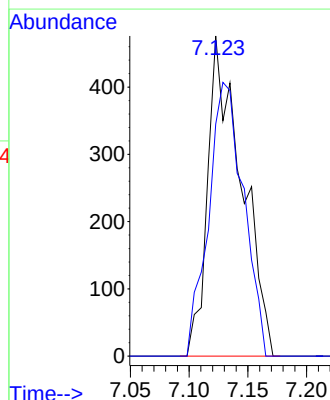
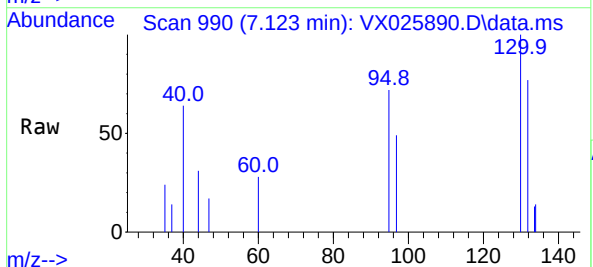
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.9 | 81.8  | 122.8 |
| 192 | 17.4  | 15.0  | 22.4  |

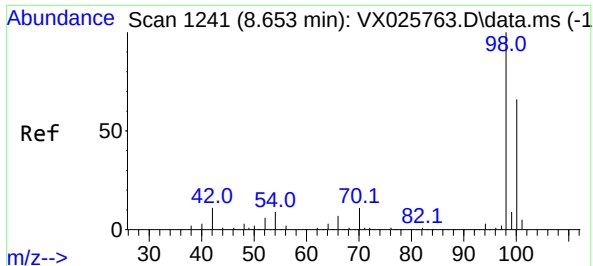


#44  
Trichloroethene  
Concen: 0.525 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Tgt Ion:130 Resp: 950

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 72.5  | 0.0   | 186.4 |

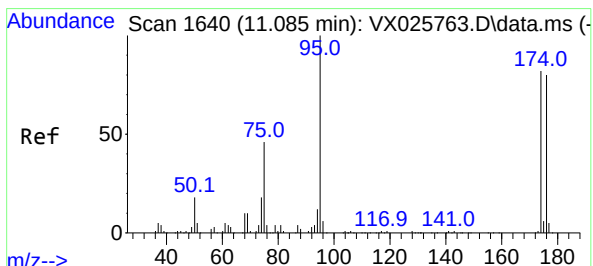
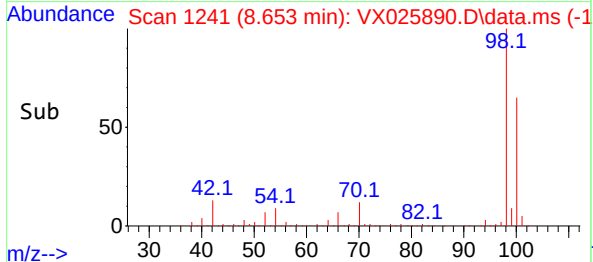
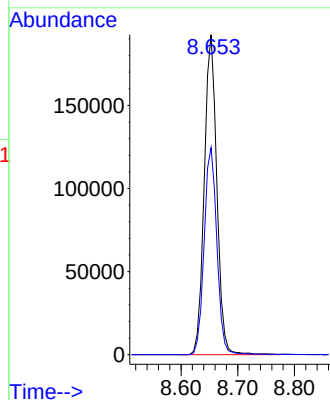
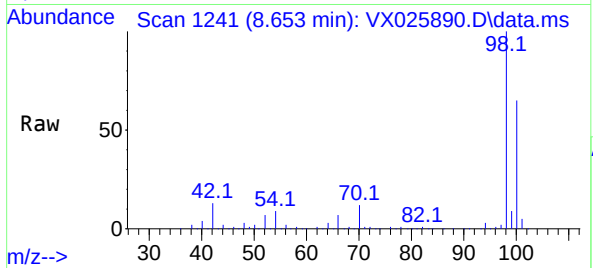




#50  
Toluene-d8  
Concen: 50.548 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

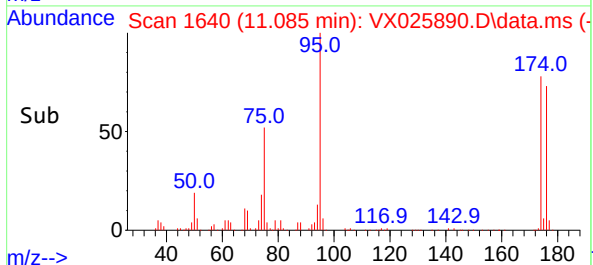
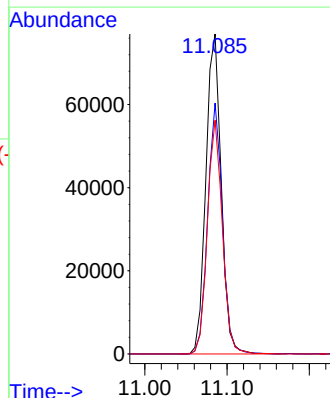
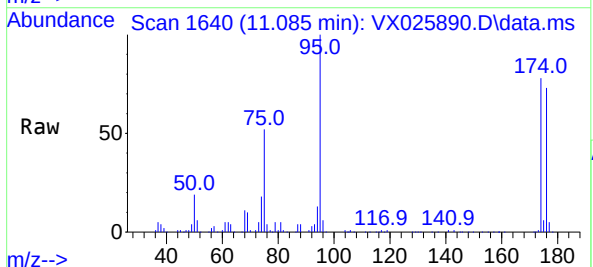
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-121721

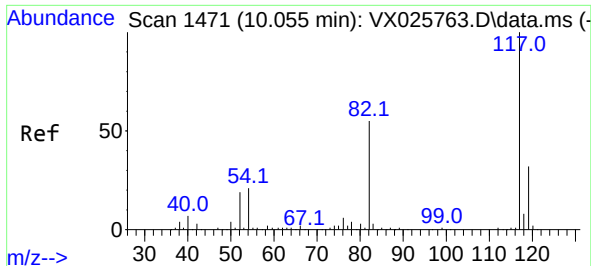
Tgt Ion: 98 Resp: 296151  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 44.753 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Tgt Ion: 95 Resp: 99600  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 157.4  
176 71.3 0.0 154.6

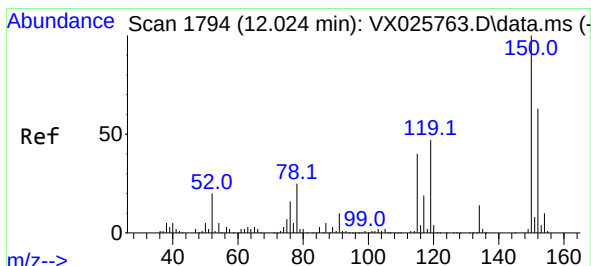
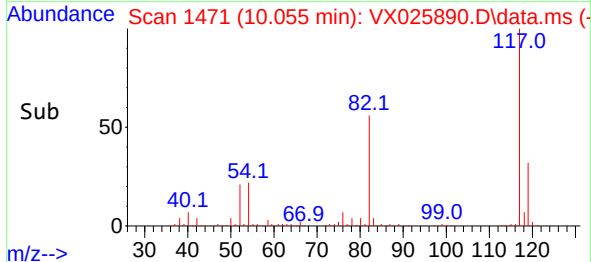
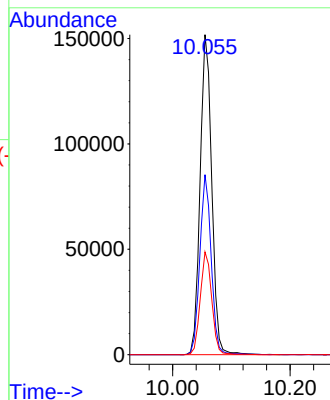
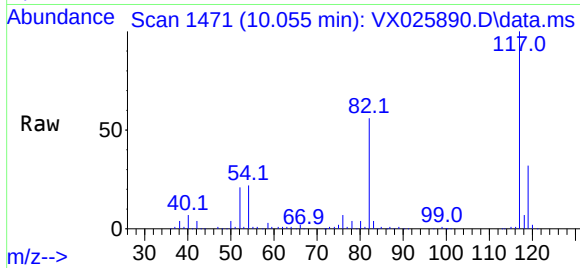




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-121721

Tgt Ion:117 Resp: 208666  
Ion Ratio Lower Upper  
117 100  
82 56.3 43.8 65.6  
119 32.1 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX025890.D  
Acq: 17 Dec 2021 17:04

Tgt Ion:152 Resp: 86845  
Ion Ratio Lower Upper  
152 100  
115 60.5 41.3 123.9  
150 154.5 0.0 351.8

