

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051723\  
 Data File : VX035724.D  
 Acq On : 17 May 2023 17:33  
 Operator : JC/MD  
 Sample : 02723-11  
 Misc : 5.43g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CB-14-G1-SO-55-050923

Quant Time: May 18 04:43:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

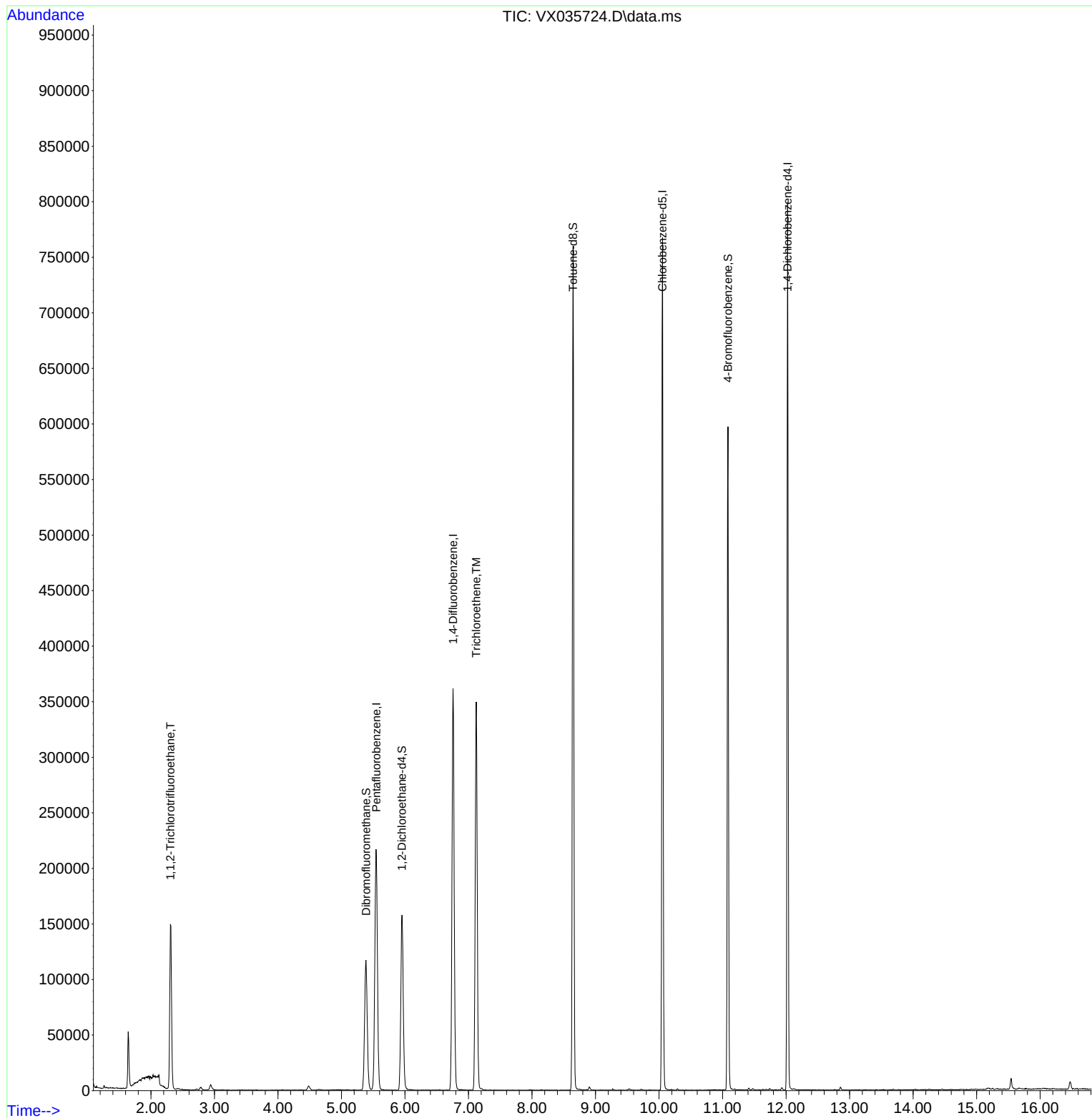
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 183585   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 343300   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 321257   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 148724   | 50.000   | ug/l  | 0.00     |
|                              |        |       |          |          |       |          |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 157657   | 49.226   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 98.460%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 100956   | 43.606   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 87.220%  |
| 50) Toluene-d8               | 8.647  | 98    | 419395   | 49.035   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 98.080%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 171502   | 49.801   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 99.600%  |
|                              |        |       |          |          |       |          |
| Target Compounds             |        |       |          |          |       |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.306  | 101   | 59637    | 27.723   | ug/l  | 96       |
| 44) Trichloroethene          | 7.123  | 130   | 128713   | 49.653   | ug/l  | 92       |
| -----                        |        |       |          |          |       |          |

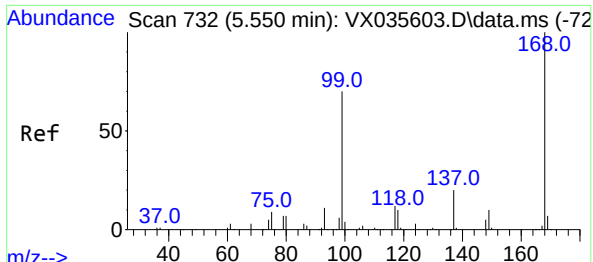
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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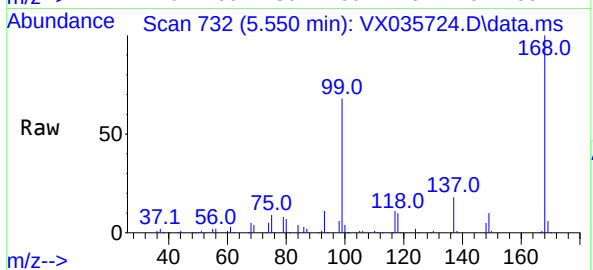
Quant Time: May 18 04:43:00 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration



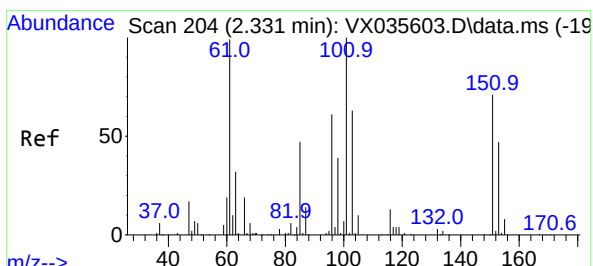
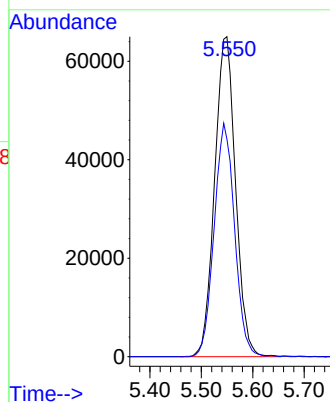
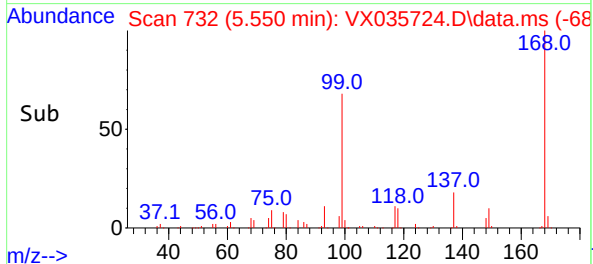


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-14-G1-SO-55-050923

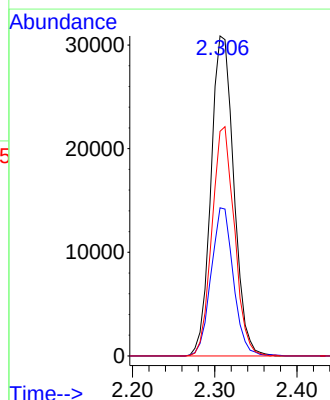
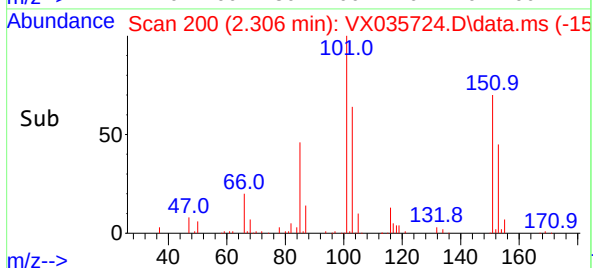
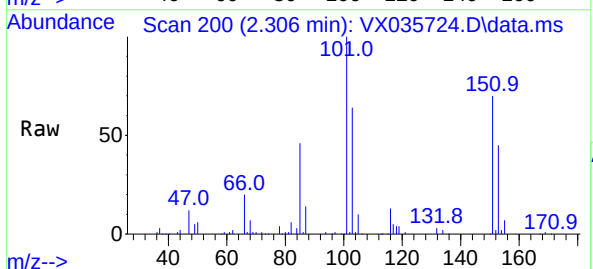


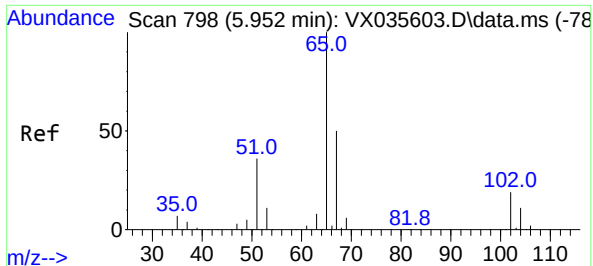
Tgt Ion:168 Resp: 183585  
Ion Ratio Lower Upper  
168 100  
99 68.0 45.7 68.5



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 27.723 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.025 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Tgt Ion:101 Resp: 59637  
Ion Ratio Lower Upper  
101 100  
85 45.2 35.4 53.2  
151 70.4 60.2 90.4



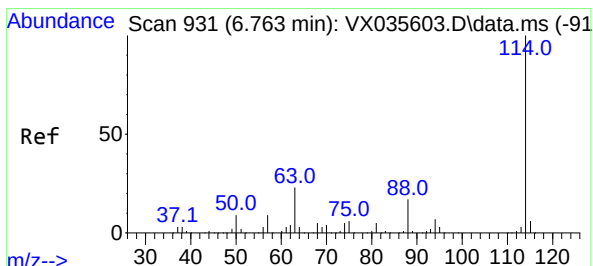
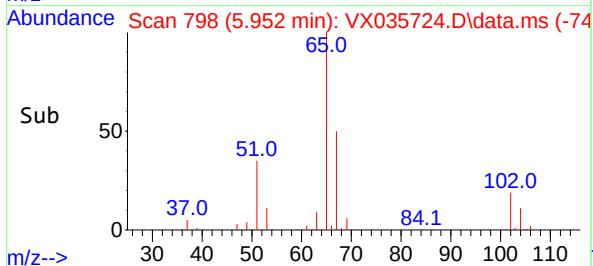
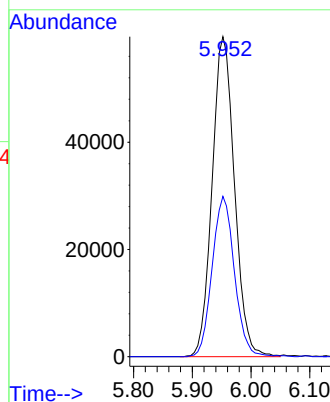
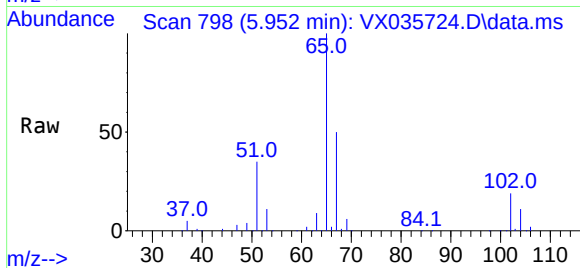


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.226 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX035724.D  
 Acq: 17 May 2023 17:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CB-14-G1-SO-55-050923

Tgt Ion: 65 Resp: 157657  

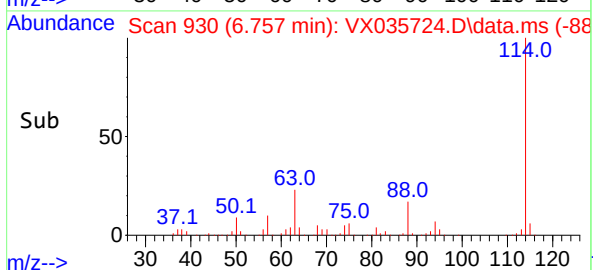
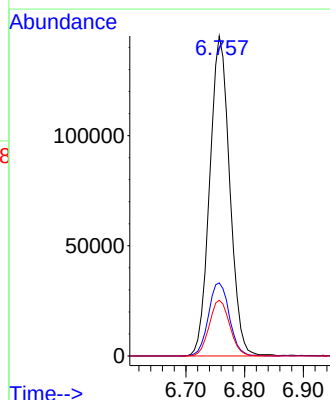
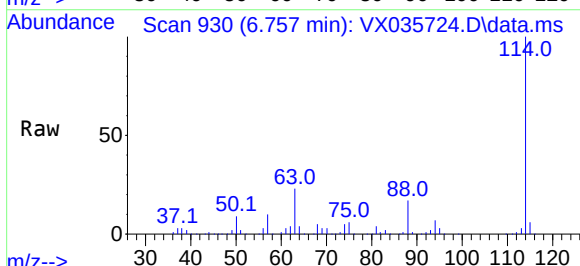
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.0  | 0.0   | 104.0 |

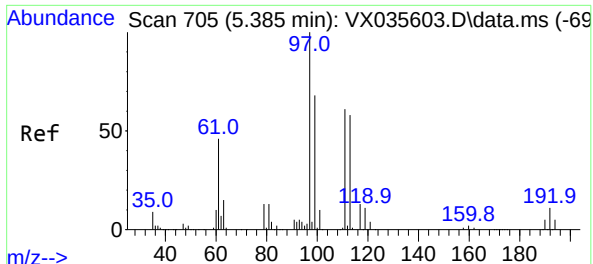


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.006 min  
 Lab File: VX035724.D  
 Acq: 17 May 2023 17:33

Tgt Ion: 114 Resp: 343300  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.8  | 0.0   | 42.2  |
| 88  | 17.4  | 0.0   | 33.2  |

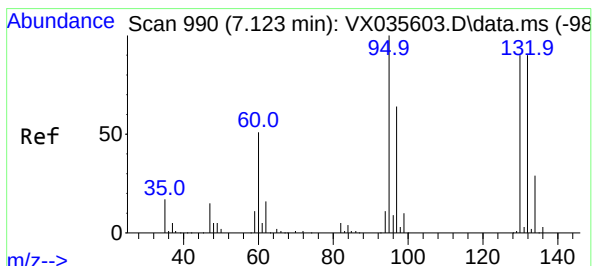
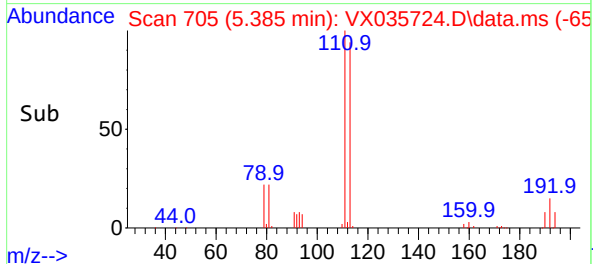
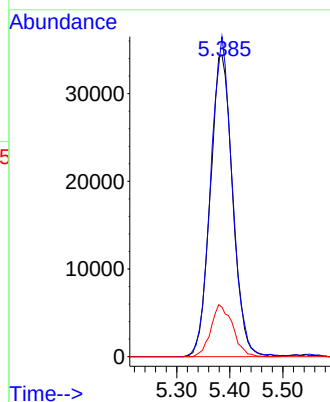
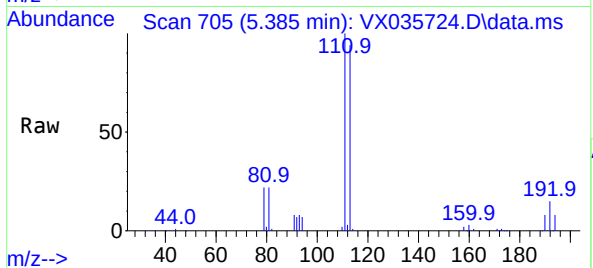




#35  
Dibromofluoromethane  
Concen: 43.606 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

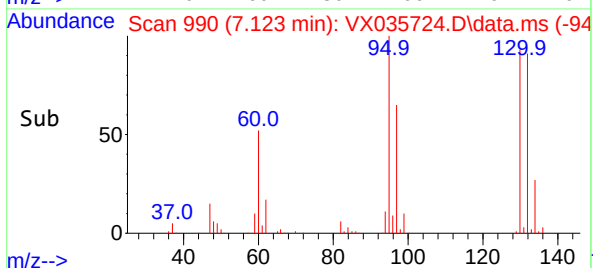
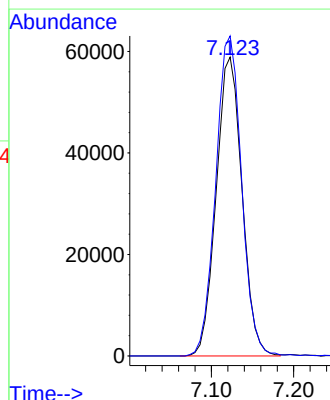
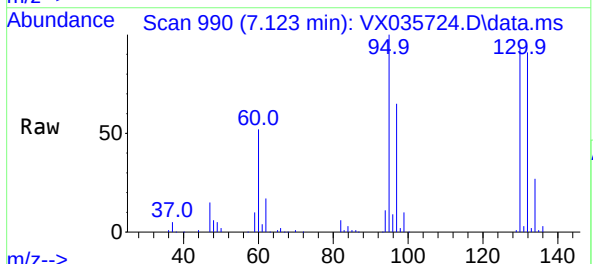
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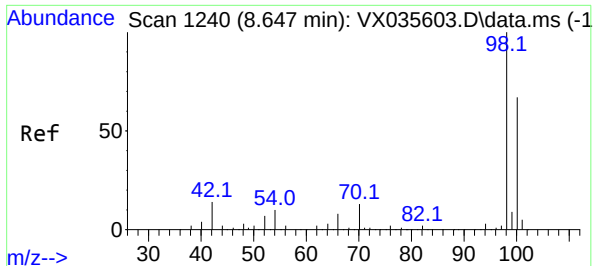
Tgt Ion:113 Resp: 100956  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.7 125.5  
192 16.8 15.4 23.2



#44  
Trichloroethene  
Concen: 49.653 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Tgt Ion:130 Resp: 128713  
Ion Ratio Lower Upper  
130 100  
95 107.1 0.0 198.4

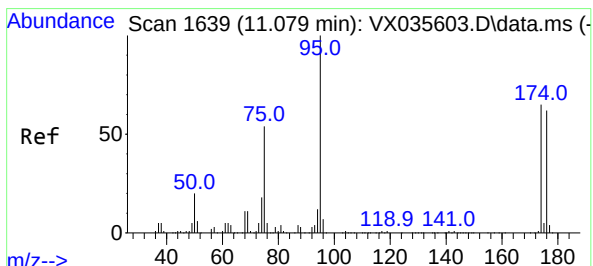
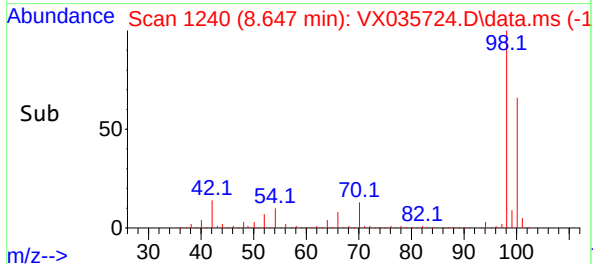
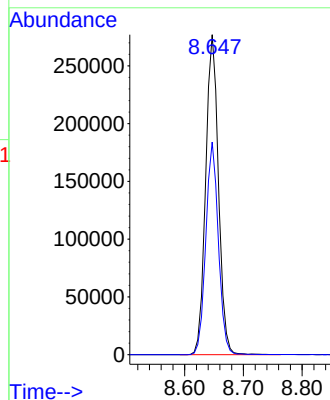
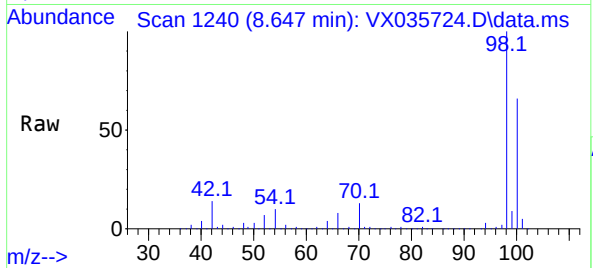




#50  
Toluene-d8  
Concen: 49.035 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

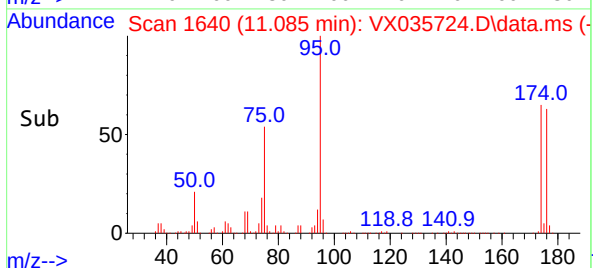
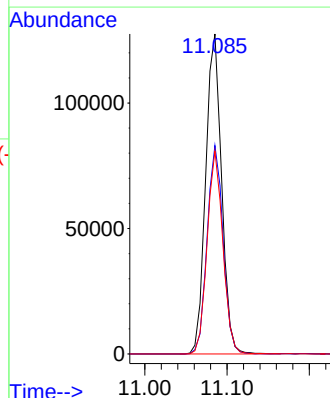
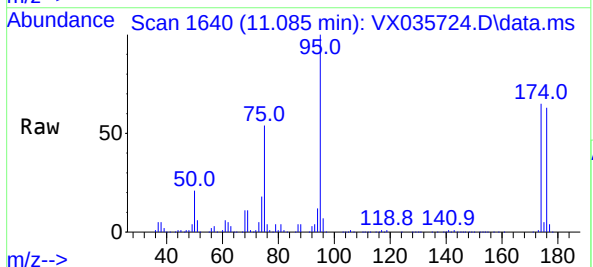
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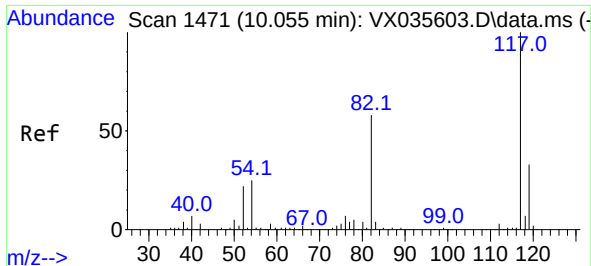
Tgt Ion: 98 Resp: 419395  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 49.801 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Tgt Ion: 95 Resp: 171502  
Ion Ratio Lower Upper  
95 100  
174 65.5 0.0 147.4  
176 62.5 0.0 140.6

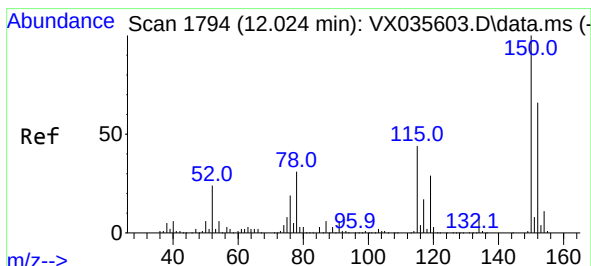
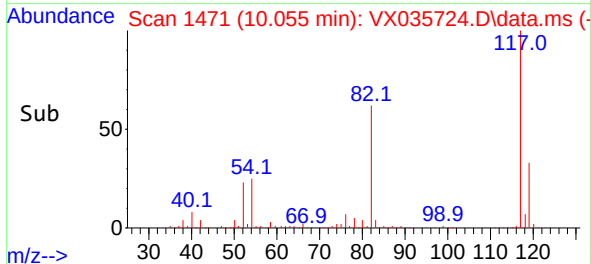
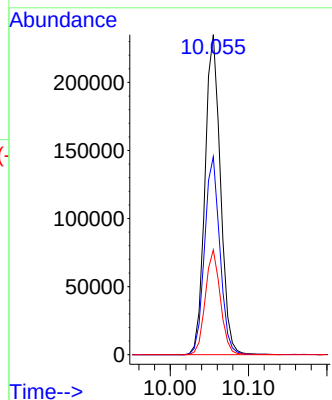
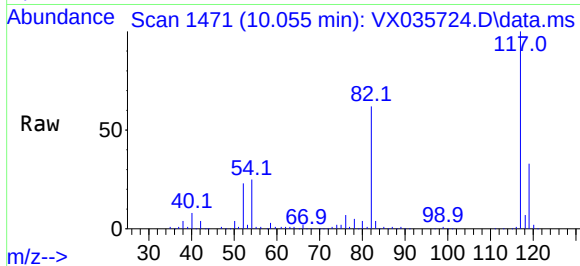




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
CB-14-G1-SO-55-050923

Tgt Ion:117 Resp: 321257  
Ion Ratio Lower Upper  
117 100  
82 61.8 45.0 67.4  
119 32.7 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035724.D  
Acq: 17 May 2023 17:33

Tgt Ion:152 Resp: 148724  
Ion Ratio Lower Upper  
152 100  
115 66.3 45.0 135.0  
150 156.6 0.0 352.4

