

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081423\  
 Data File : VX036959.D  
 Acq On : 14 Aug 2023 12:57  
 Operator : JC/MD  
 Sample : 03983-10 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 715

Quant Time: Aug 15 01:28:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

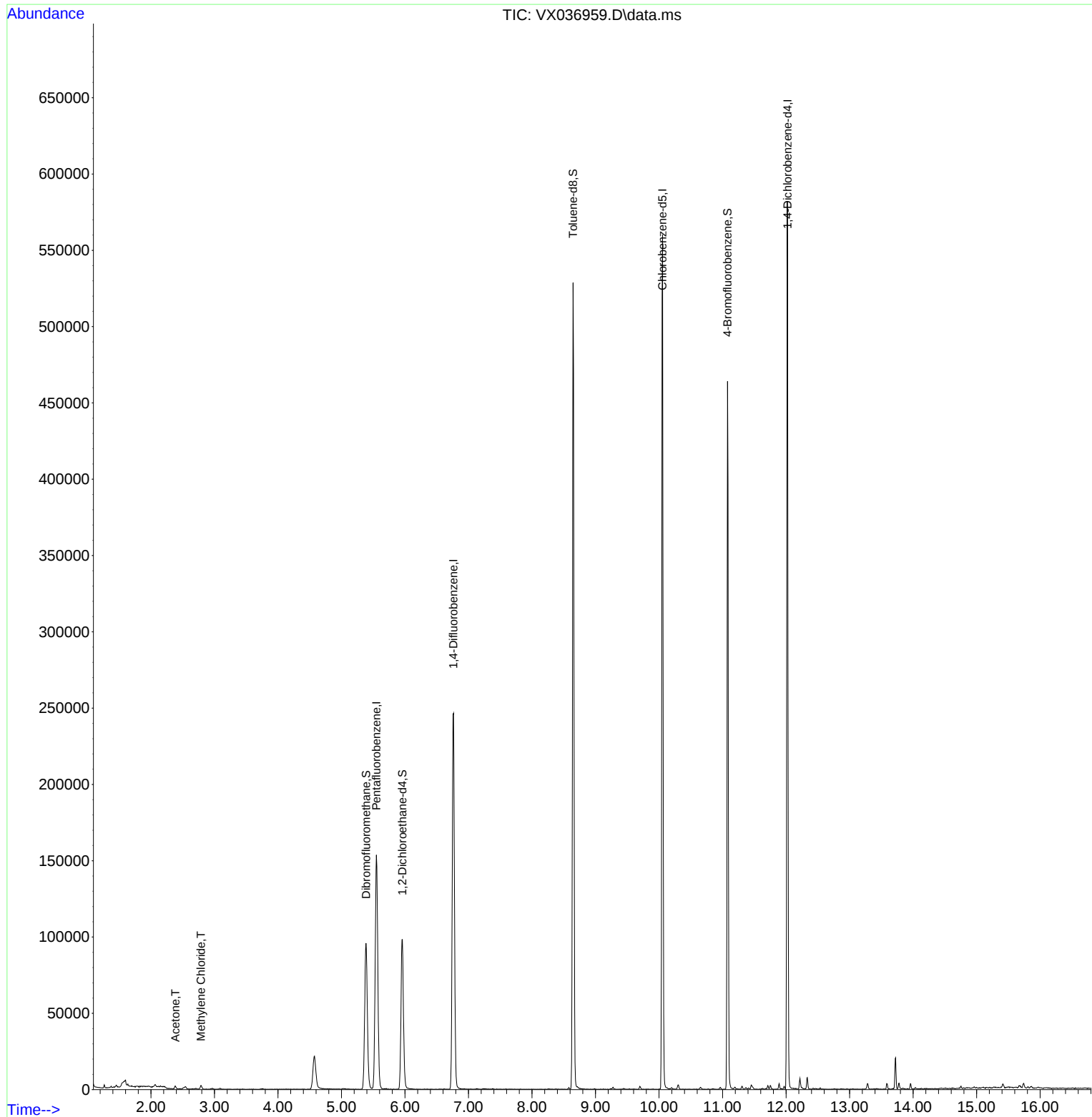
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 140846   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 261452   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 252353   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 118025   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 99614    | 47.799   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.600%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 83283    | 46.344   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.680%  |
| 50) Toluene-d8              | 8.647  | 98    | 316803   | 49.711   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.420%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 125416   | 52.162   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 104.320% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 2279     | 2.635    | ug/l # | 84       |
| 20) Methylene Chloride      | 2.788  | 84    | 1271     | 0.661    | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

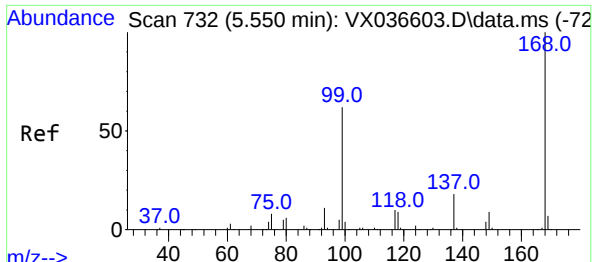
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
715

Quant Time: Aug 15 01:28:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

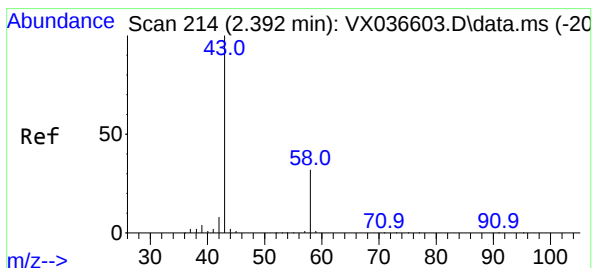
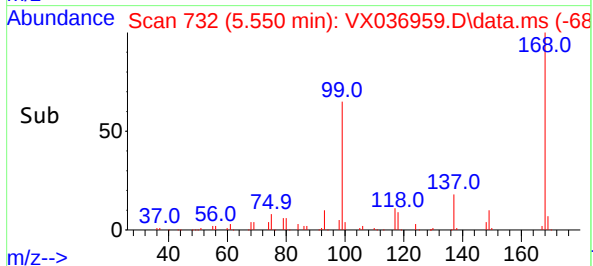
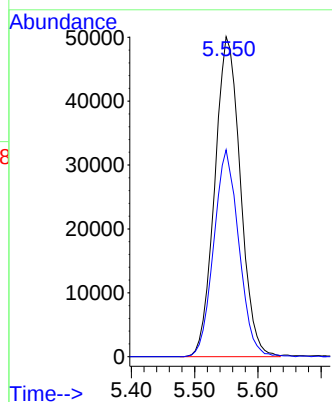
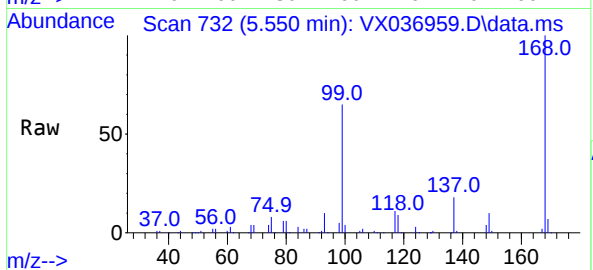




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 715  
Delta R.T. -0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

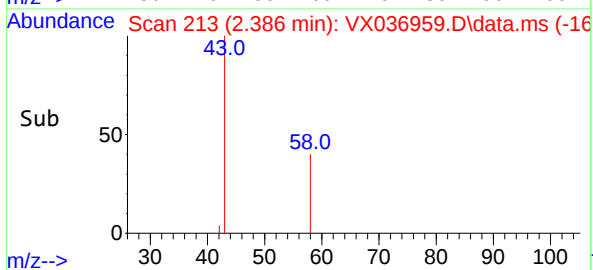
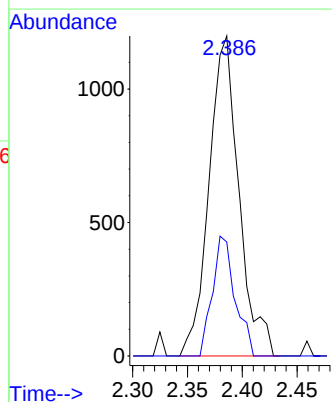
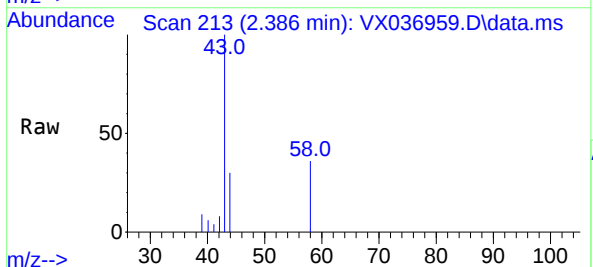
Instrument :  
MSVOA\_X  
ClientSampleId :  
715

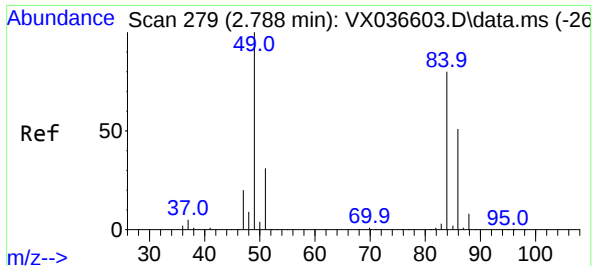
Tgt Ion:168 Resp: 140846  
Ion Ratio Lower Upper  
168 100  
99 64.7 56.6 85.0



#16  
Acetone  
Concen: 2.635 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Tgt Ion: 43 Resp: 2279  
Ion Ratio Lower Upper  
43 100  
58 35.6 21.9 32.9#



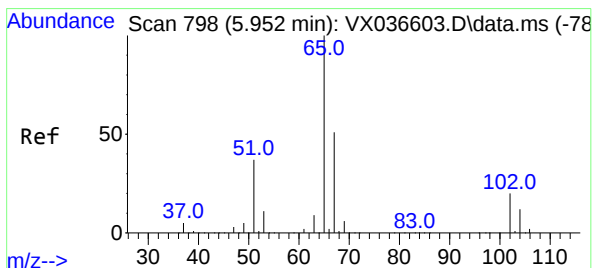
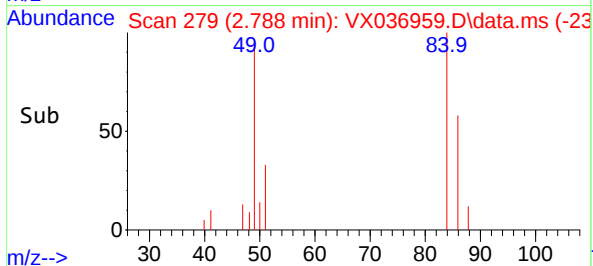
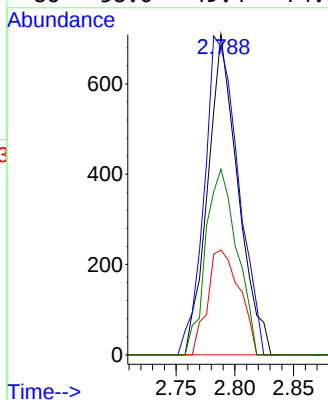
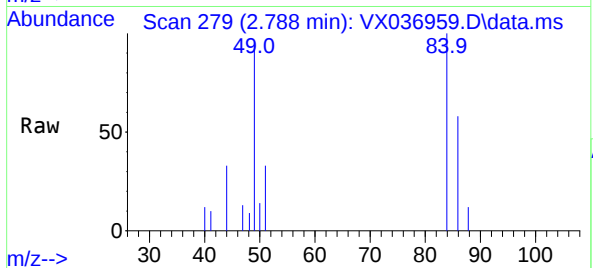


#20  
Methylene Chloride  
Concen: 0.661 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
715

Tgt Ion: 84 Resp: 1271

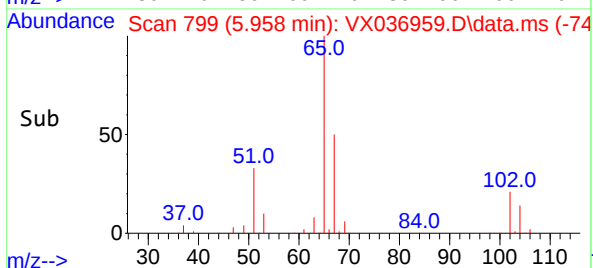
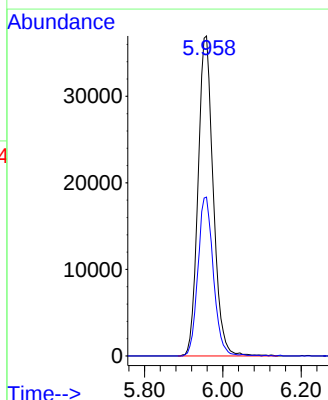
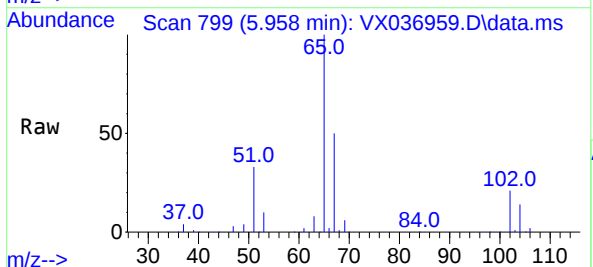
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 96.2  | 103.6 | 155.4# |
| 51  | 32.7  | 33.8  | 50.6#  |
| 86  | 58.0  | 49.4  | 74.0   |

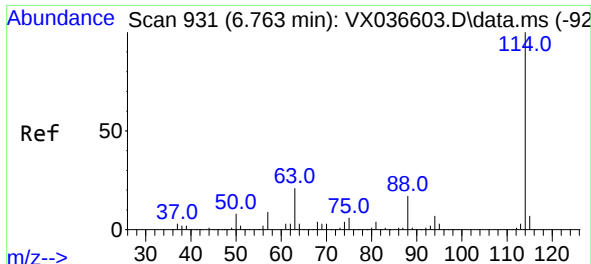


#33  
1,2-Dichloroethane-d4  
Concen: 47.799 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Tgt Ion: 65 Resp: 99614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.3  | 0.0   | 100.2 |

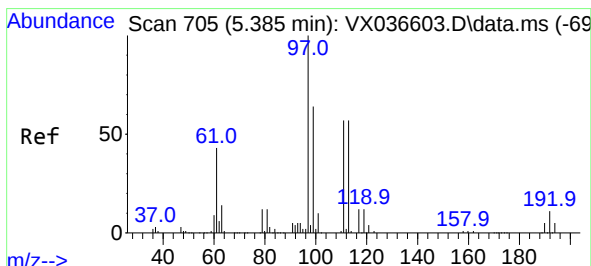
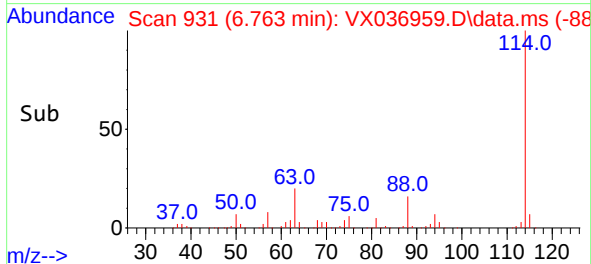
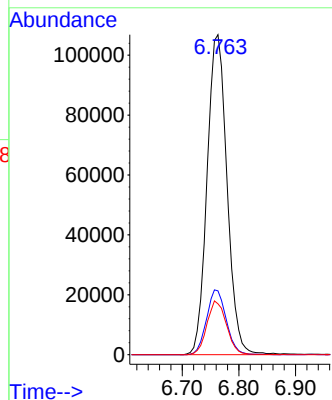
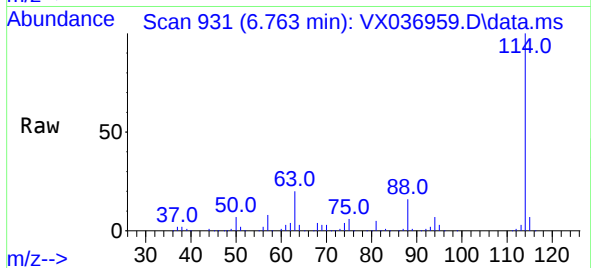




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

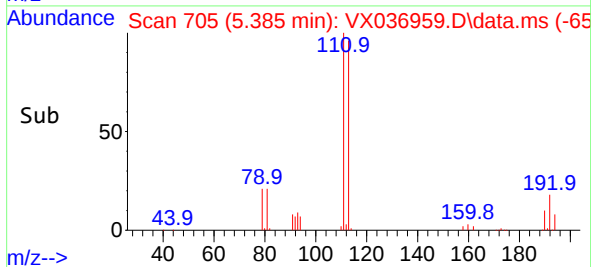
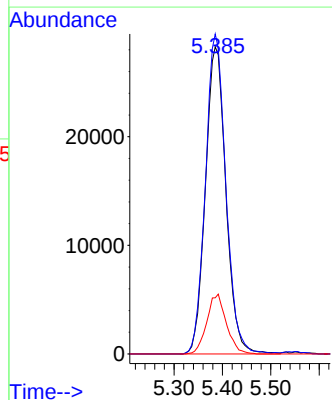
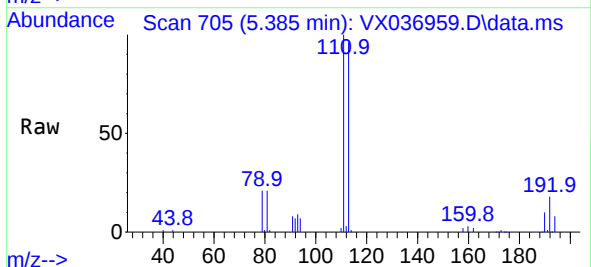
Instrument :  
MSVOA\_X  
ClientSampleId :  
715

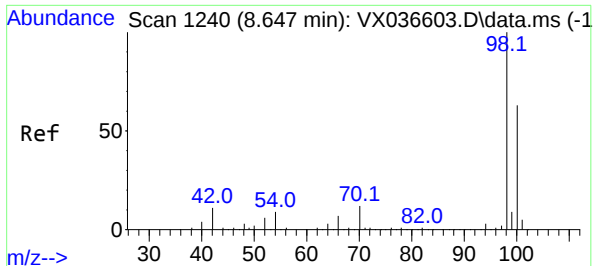
Tgt Ion:114 Resp: 261452  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 45.0  
88 15.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.344 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Tgt Ion:113 Resp: 83283  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.9 124.3  
192 18.6 13.3 19.9

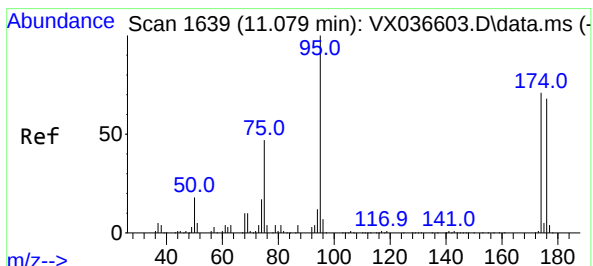
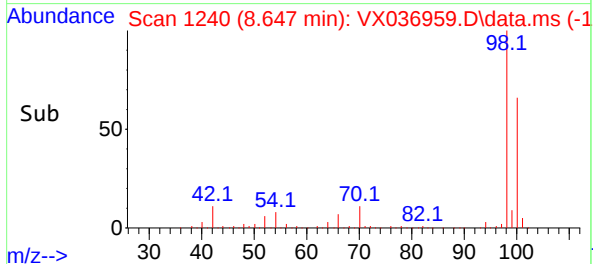
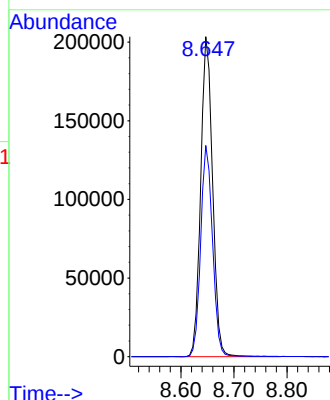
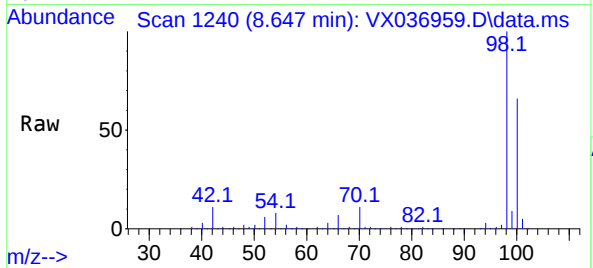




#50  
Toluene-d8  
Concen: 49.711 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

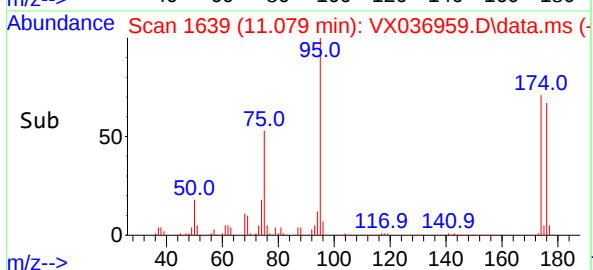
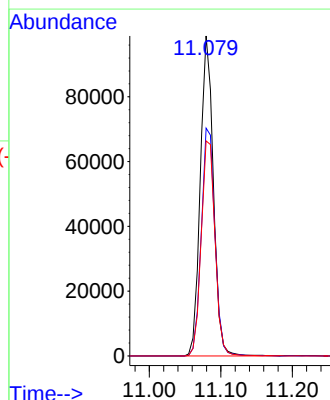
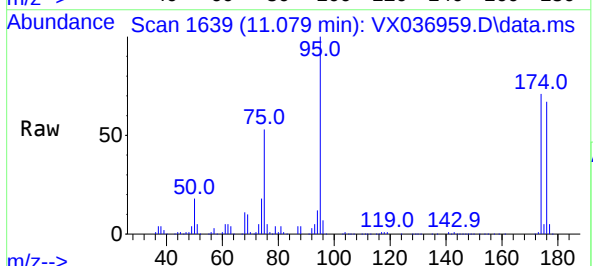
Instrument :  
MSVOA\_X  
ClientSampleId :  
715

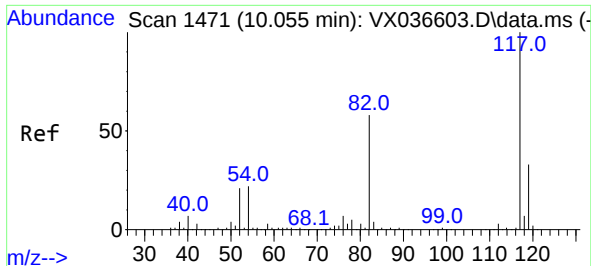
Tgt Ion: 98 Resp: 316803  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 52.162 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Tgt Ion: 95 Resp: 125416  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 135.6  
176 71.0 0.0 131.0

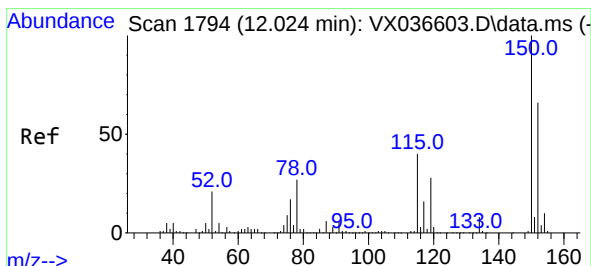
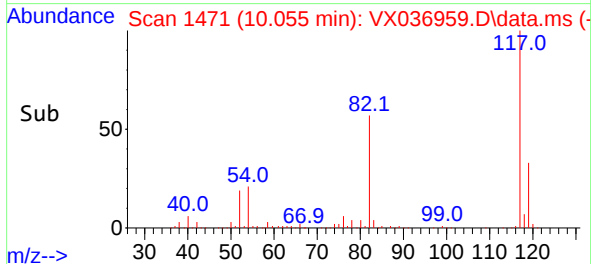
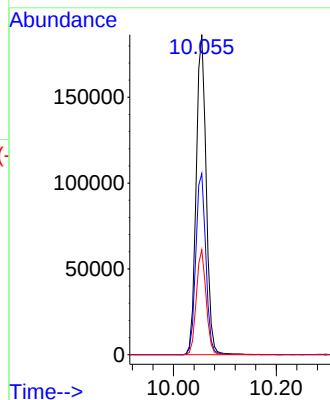
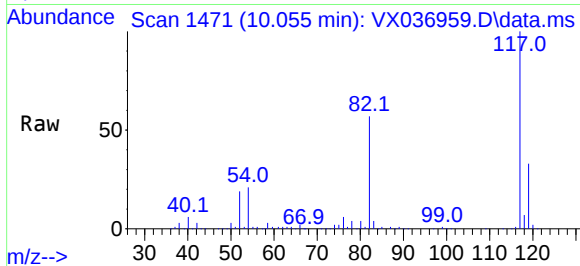




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
715

Tgt Ion:117 Resp: 252353  
Ion Ratio Lower Upper  
117 100  
82 56.6 46.2 69.4  
119 32.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX036959.D  
Acq: 14 Aug 2023 12:57

Tgt Ion:152 Resp: 118025  
Ion Ratio Lower Upper  
152 100  
115 62.8 43.3 129.9  
150 158.3 0.0 345.0

