

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081823\  
 Data File : VX037085.D  
 Acq On : 18 Aug 2023 15:31  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Aug 19 05:19:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

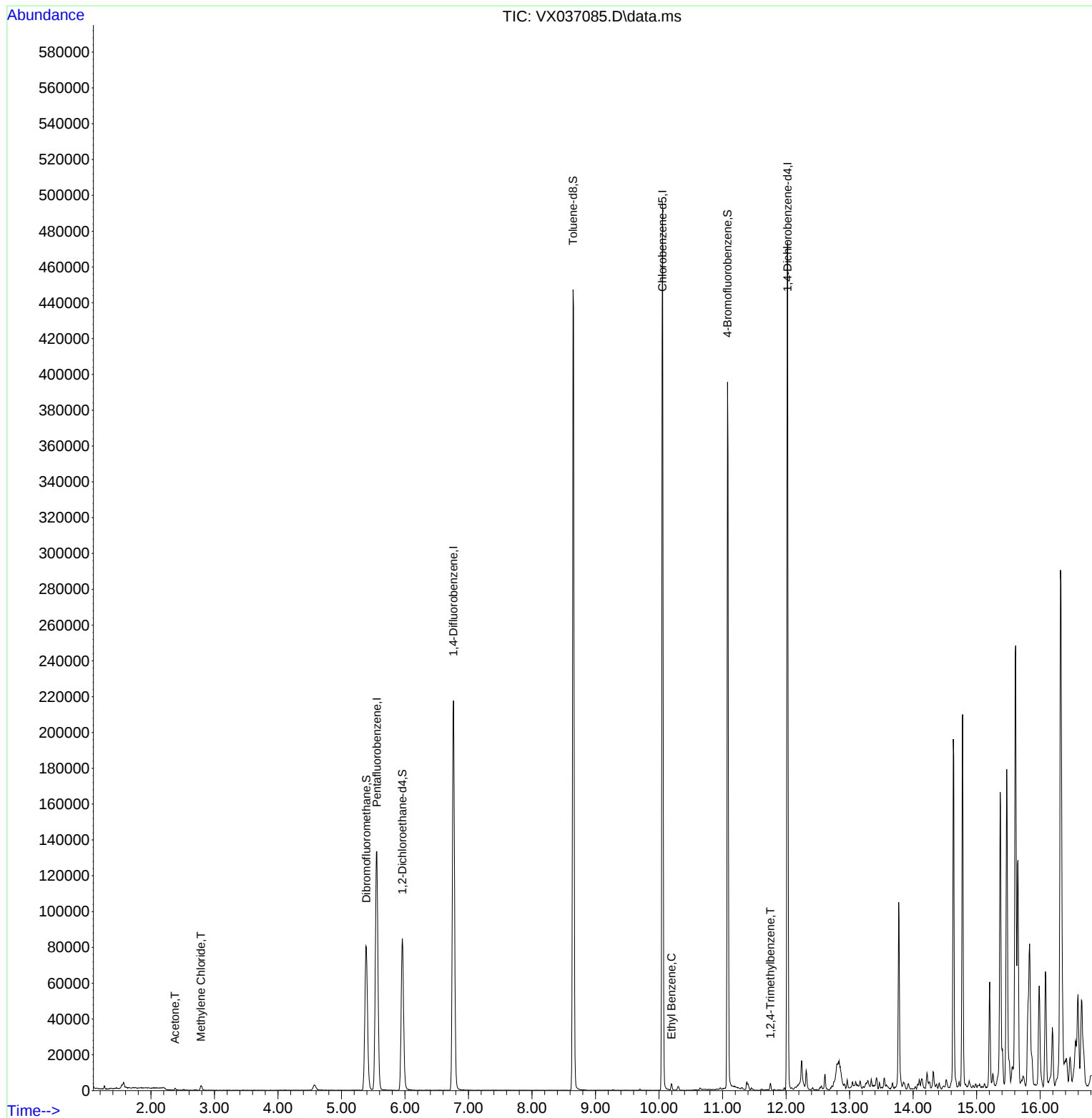
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 125226   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 229508   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 221154   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 100955   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 84517    | 46.815   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.620%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 71385    | 46.965   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.920%  |
| 50) Toluene-d8              | 8.647  | 98    | 275050   | 49.886   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 110445   | 50.973   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.940% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.379  | 43    | 958      | 1.356    | ug/l # | 82       |
| 20) Methylene Chloride      | 2.788  | 84    | 1553     | 0.983    | ug/l # | 83       |
| 67) Ethyl Benzene           | 10.195 | 91    | 2475     | 0.301    | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 1972     | 0.319    | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

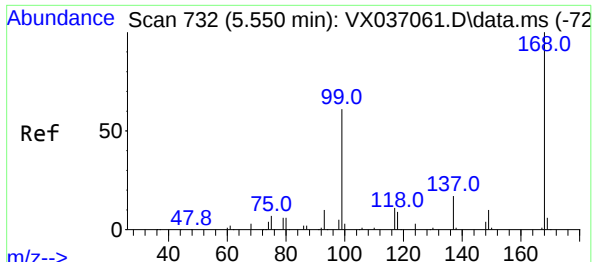
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

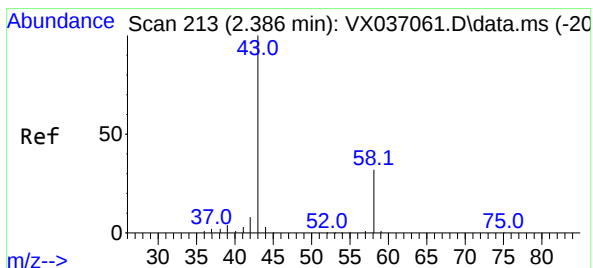
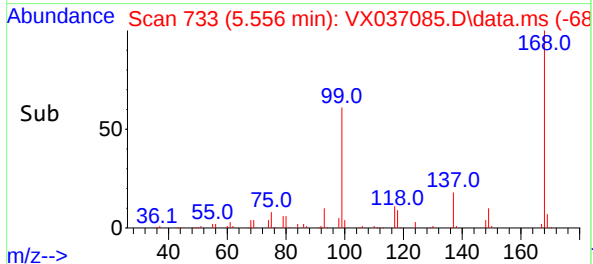
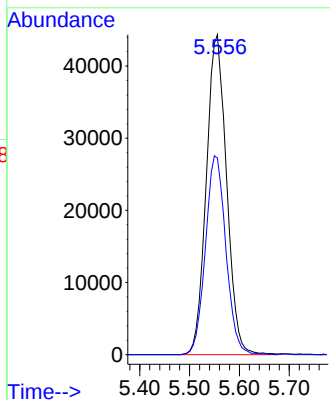
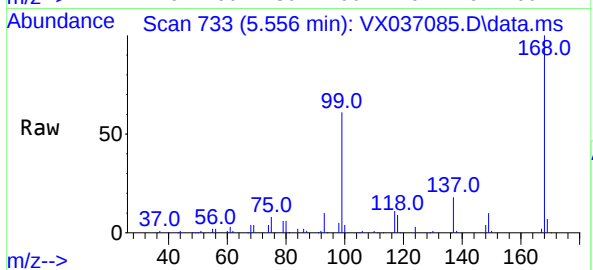




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

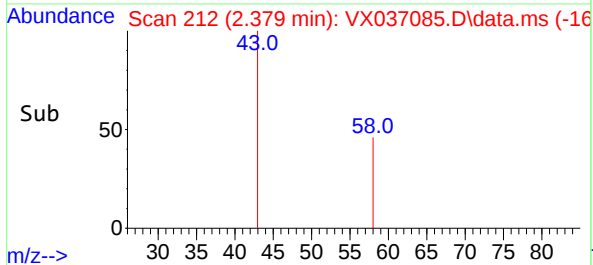
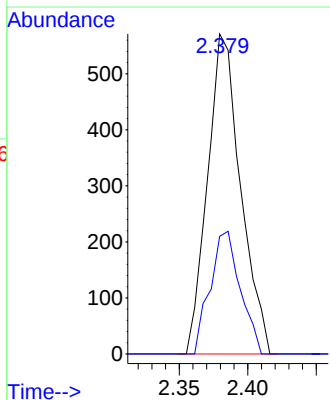
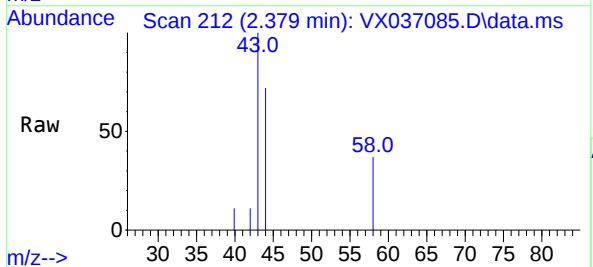
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

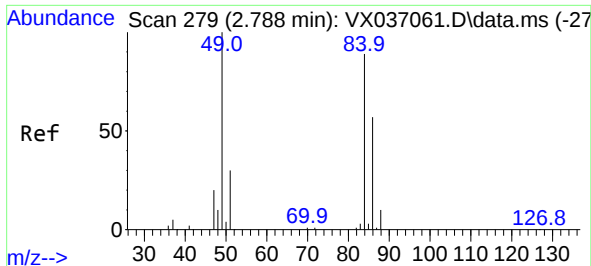
Tgt Ion:168 Resp: 125226  
Ion Ratio Lower Upper  
168 100  
99 61.5 56.6 85.0



#16  
Acetone  
Concen: 1.356 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion: 43 Resp: 958  
Ion Ratio Lower Upper  
43 100  
58 36.8 21.9 32.9#



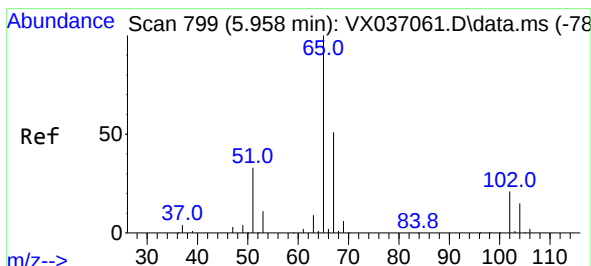
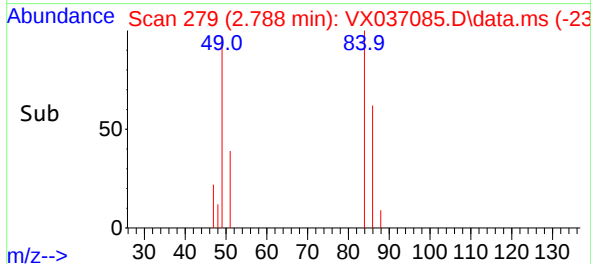
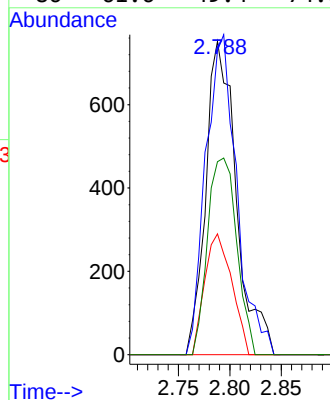
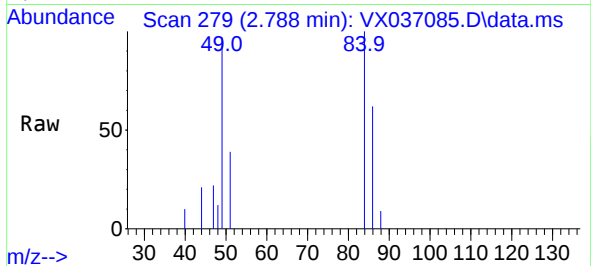


#20  
Methylene Chloride  
Concen: 0.983 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 84 Resp: 1553

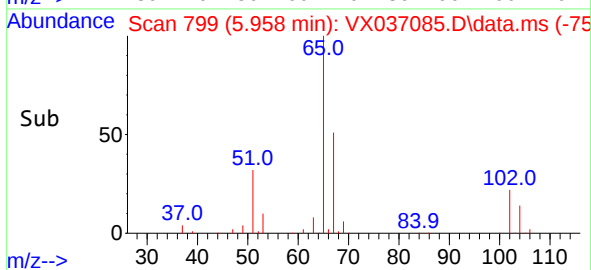
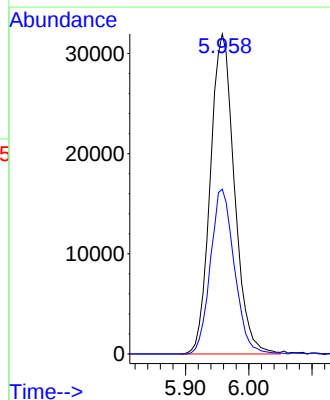
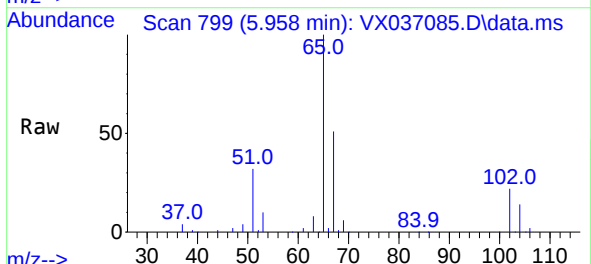
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 97.1  | 103.6 | 155.4# |
| 51  | 38.6  | 33.8  | 50.6   |
| 86  | 61.6  | 49.4  | 74.0   |

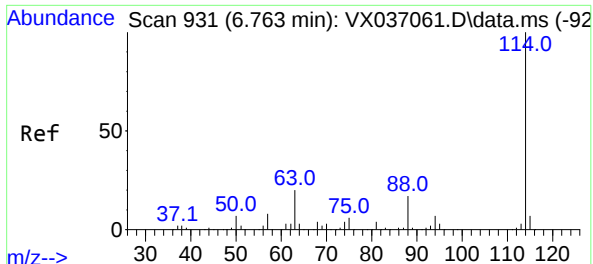


#33  
1,2-Dichloroethane-d4  
Concen: 46.815 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion: 65 Resp: 84517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.2  | 0.0   | 100.2 |

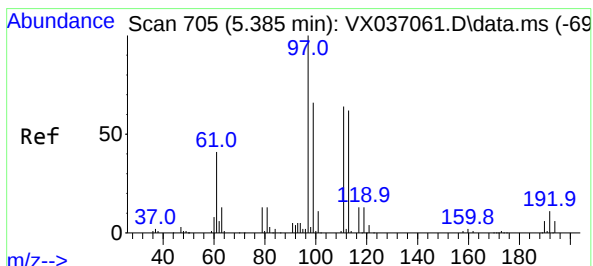
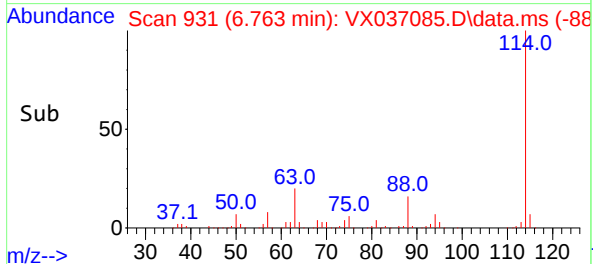
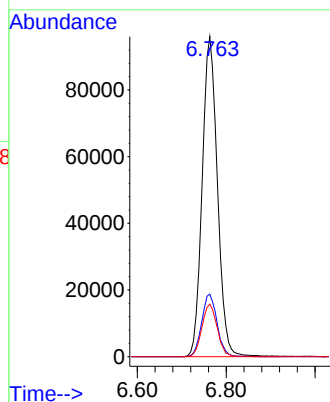
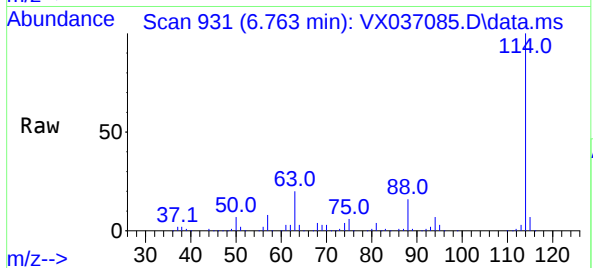




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

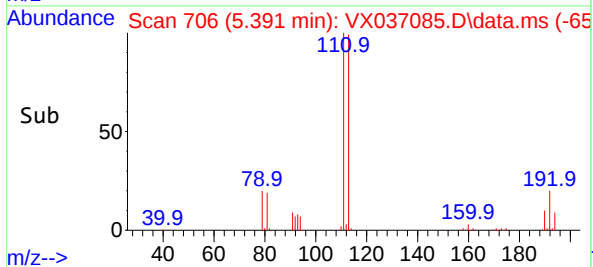
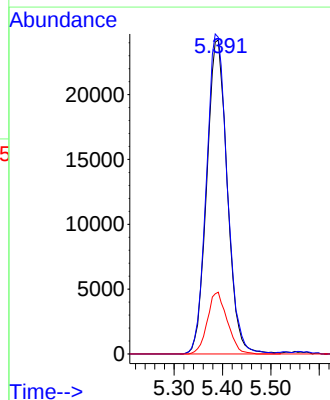
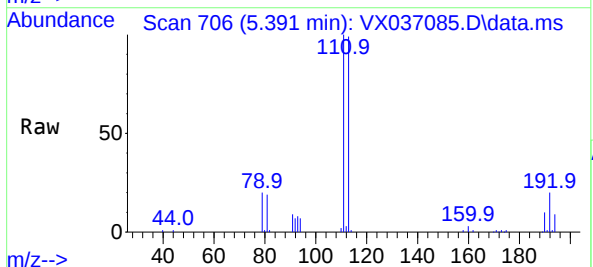
Instrument :  
MSVOA\_X  
ClientSampleId :  
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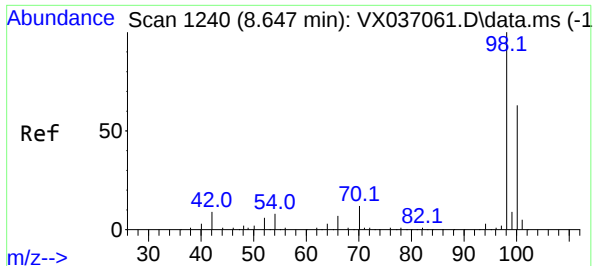
Tgt Ion:114 Resp: 229508  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 45.0  
88 16.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.965 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion:113 Resp: 71385  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 19.0 13.3 19.9

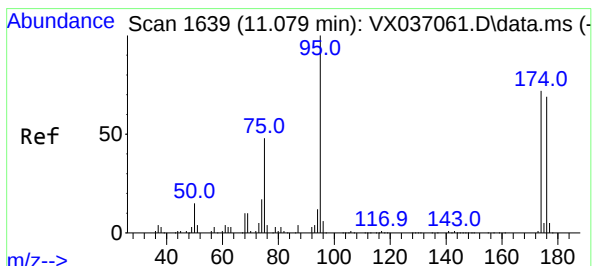
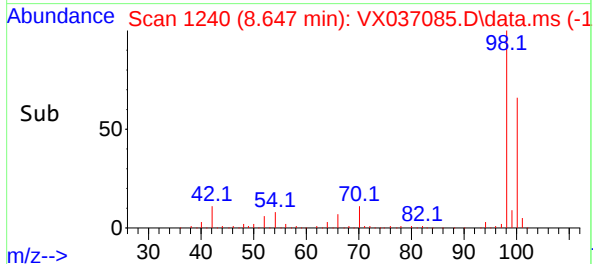
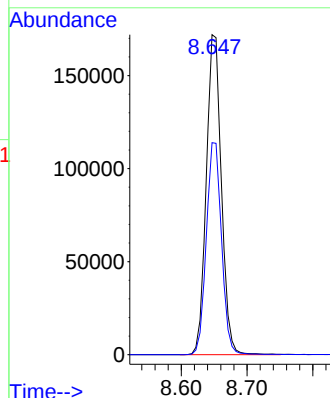
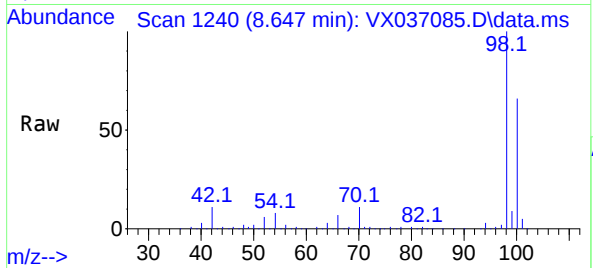




#50  
Toluene-d8  
Concen: 49.886 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

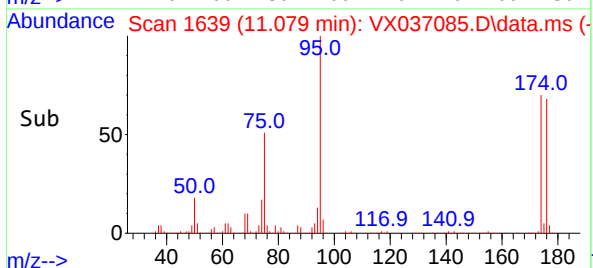
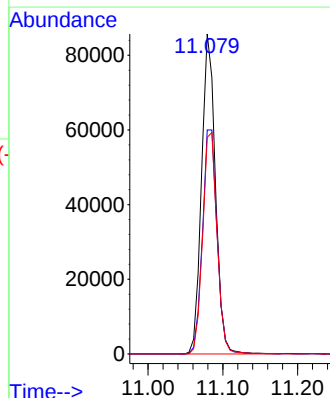
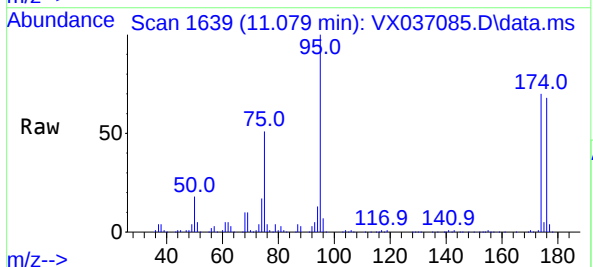
Instrument :  
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IBLK

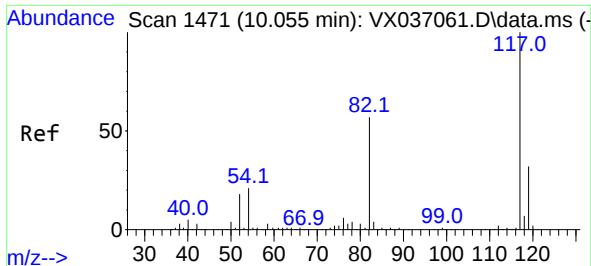
Tgt Ion: 98 Resp: 275050  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 50.973 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion: 95 Resp: 110445  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 135.6  
176 71.7 0.0 131.0

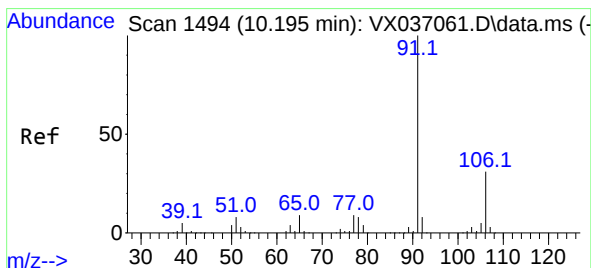
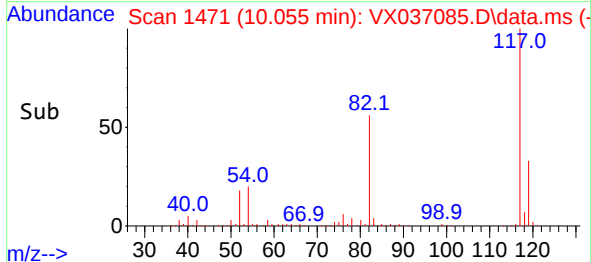
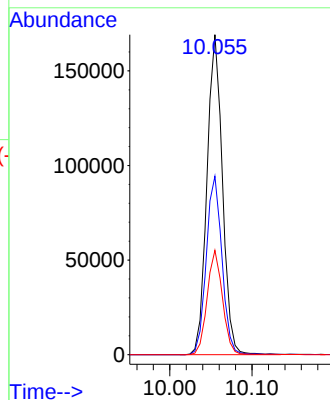
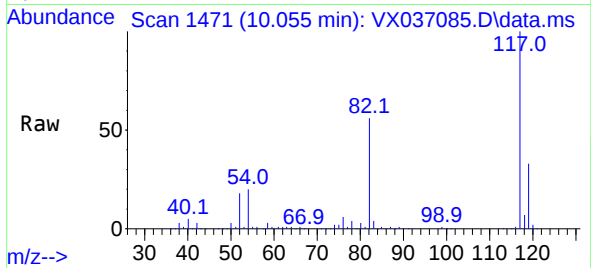




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

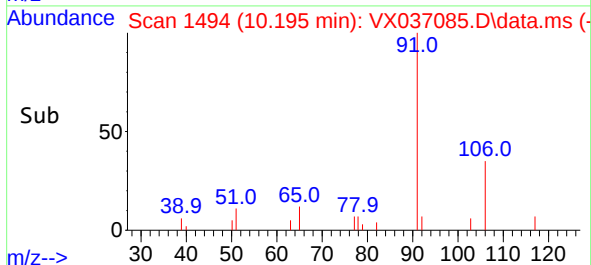
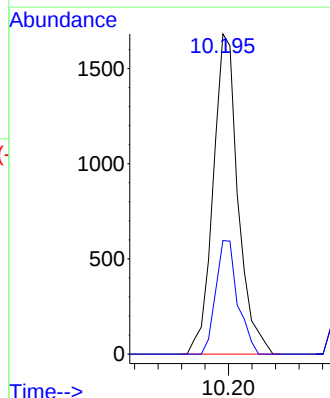
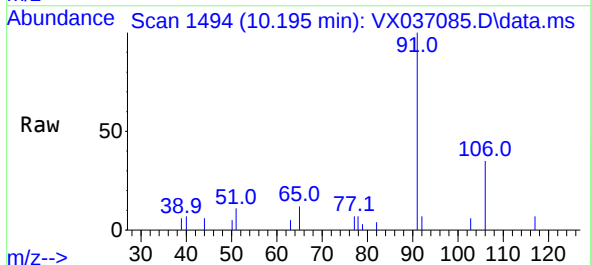
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

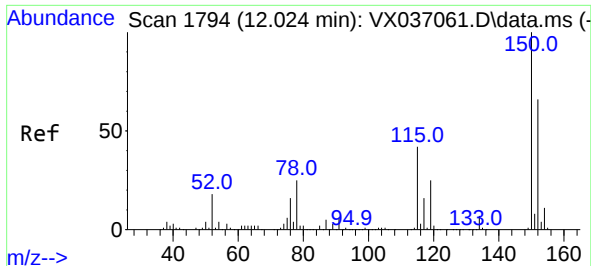
Tgt Ion:117 Resp: 221154  
Ion Ratio Lower Upper  
117 100  
82 55.7 46.2 69.4  
119 32.6 25.5 38.3



#67  
Ethyl Benzene  
Concen: 0.301 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion: 91 Resp: 2475  
Ion Ratio Lower Upper  
91 100  
106 35.5 24.9 37.3

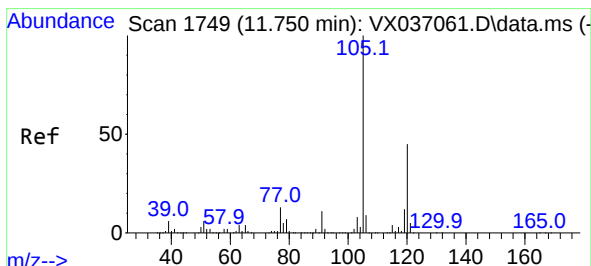
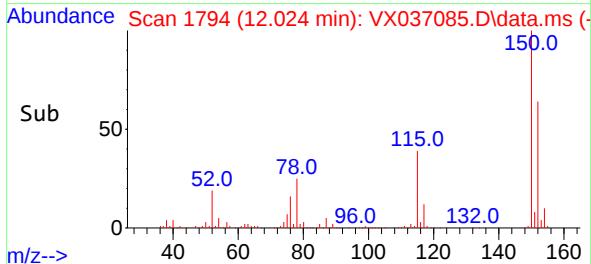
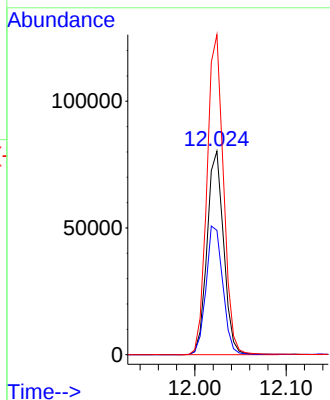
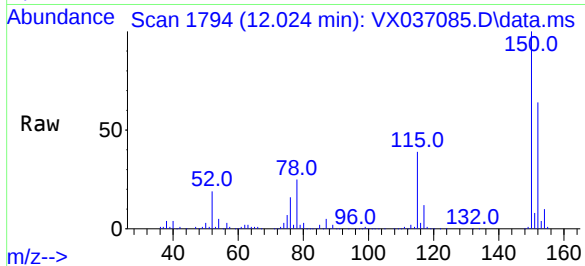




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:152 Resp: 100955  
Ion Ratio Lower Upper  
152 100  
115 64.3 43.3 129.9  
150 156.7 0.0 345.0



#84  
1,2,4-Trimethylbenzene  
Concen: 0.319 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX037085.D  
Acq: 18 Aug 2023 15:31

Tgt Ion:105 Resp: 1972  
Ion Ratio Lower Upper  
105 100  
120 46.7 21.2 63.6

