

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037034.D  
 Acq On : 17 Aug 2023 02:49  
 Operator : JC/MD  
 Sample : VX0816WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0816WBL02

Quant Time: Aug 17 05:08:15 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

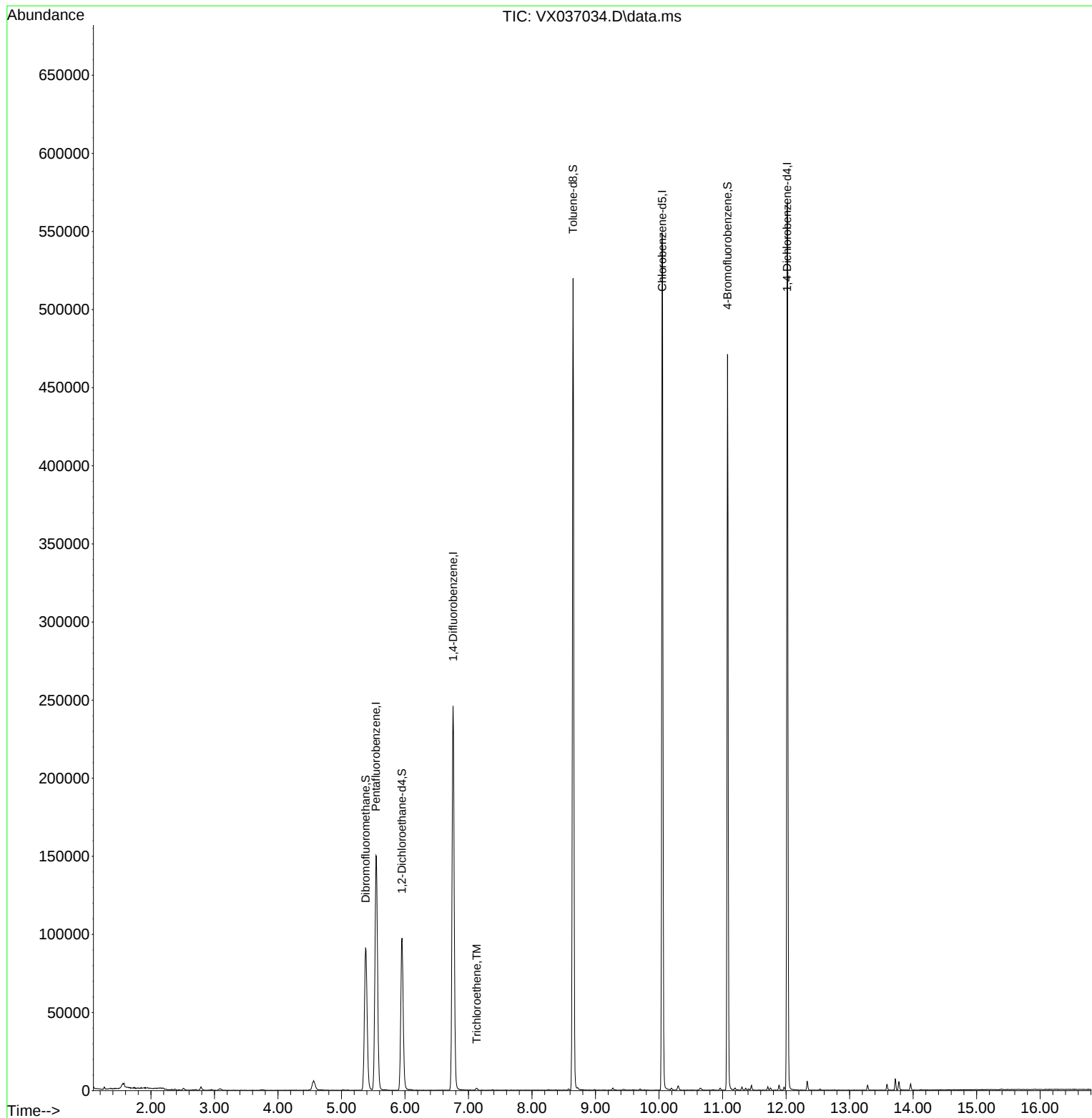
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.544  | 168   | 138851   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 255379   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 250909   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 113996   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 97729    | 47.568   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.140%   |
| 35) Dibromofluoromethane    | 5.379  | 113   | 81908    | 46.662   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.320%   |
| 50) Toluene-d8              | 8.647  | 98    | 308131   | 49.501   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.000%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 126361   | 53.805   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 107.600%  |
| Target Compounds            |        |       |          |          |       |           |
| 44) Trichloroethene         | 7.129  | 130   | 630      | 0.317    | ug/l  | Qvalue 72 |
| -----                       |        |       |          |          |       |           |

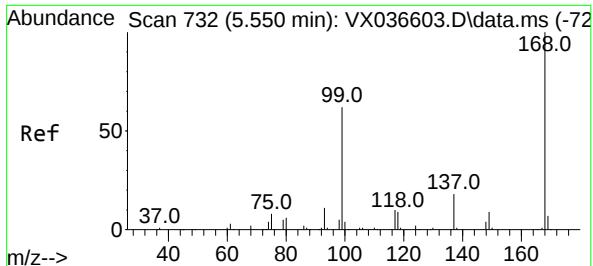
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

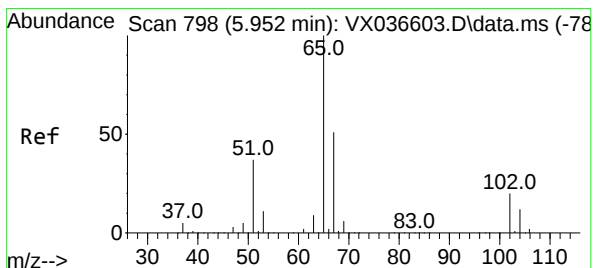
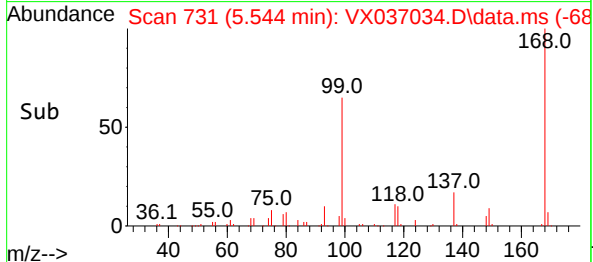
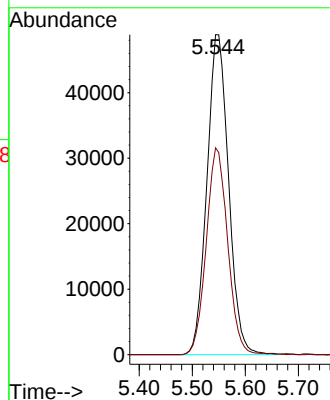
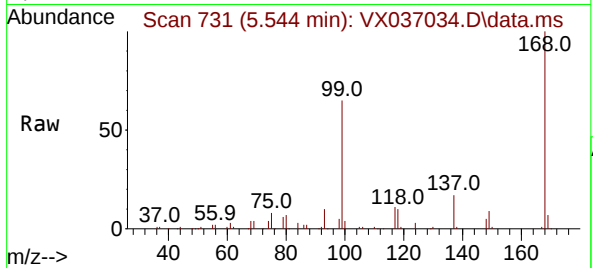




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

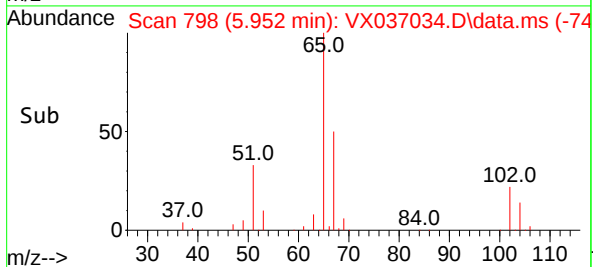
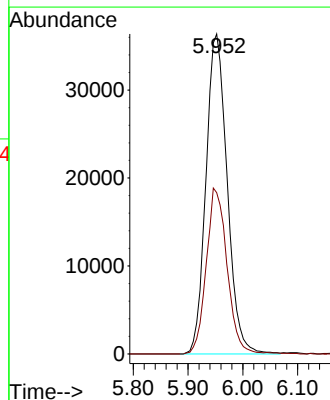
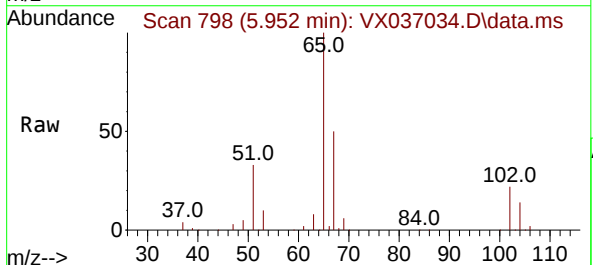
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0816WBL02

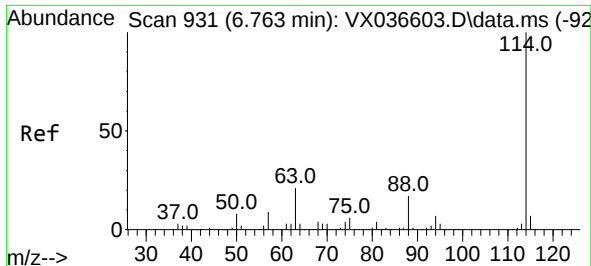
Tgt Ion:168 Resp: 138851  
Ion Ratio Lower Upper  
168 100  
99 64.6 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.568 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

Tgt Ion: 65 Resp: 97729  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.2

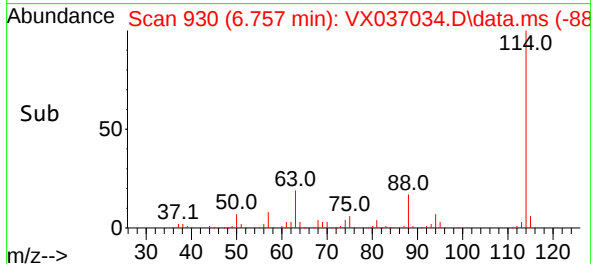
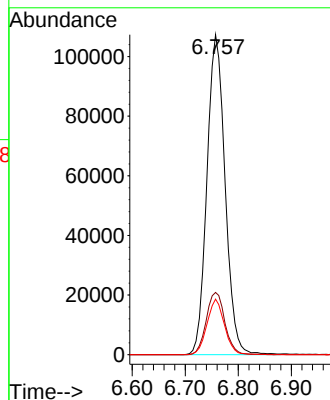
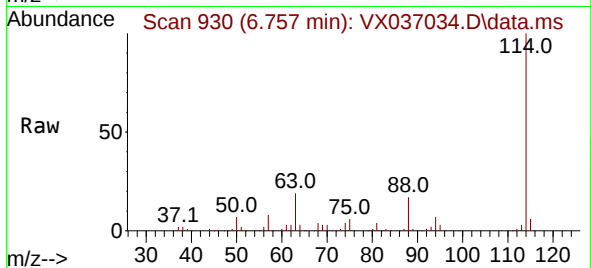




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

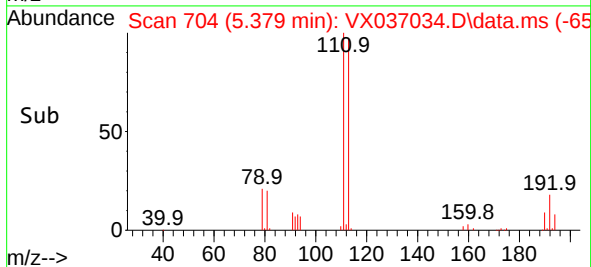
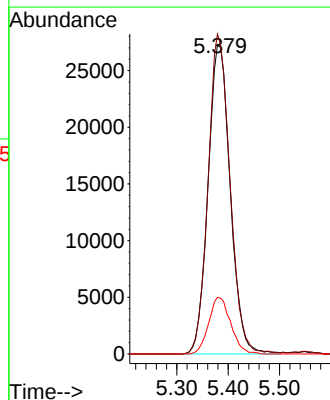
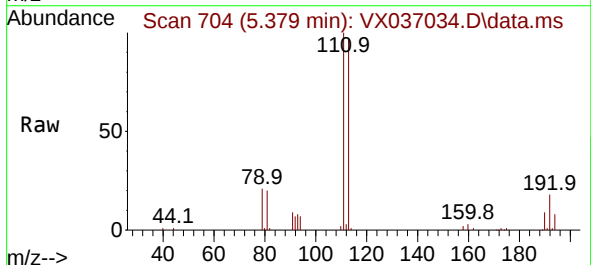
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0816WBL02

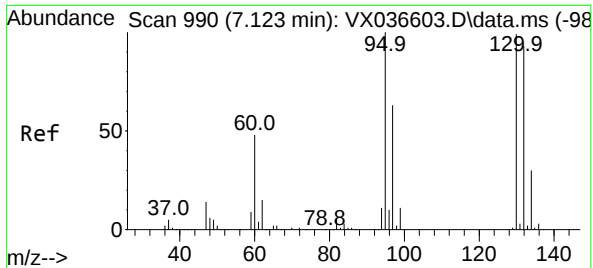
Tgt Ion:114 Resp: 255379  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 17.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.662 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

Tgt Ion:113 Resp: 81908  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.9 124.3  
192 18.2 13.3 19.9

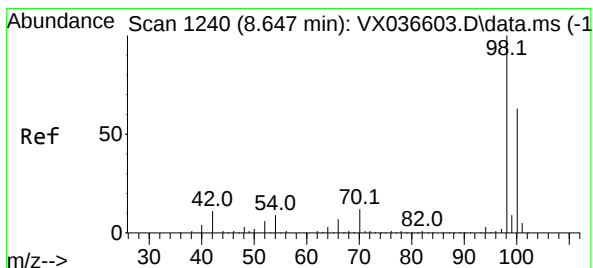
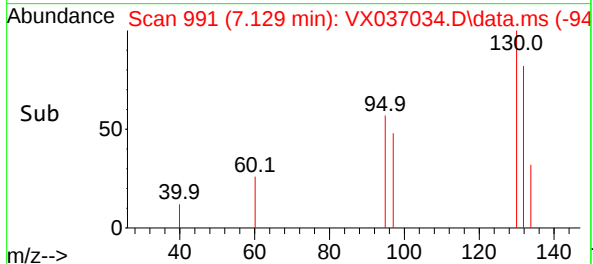
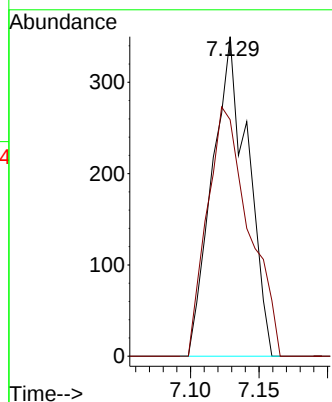
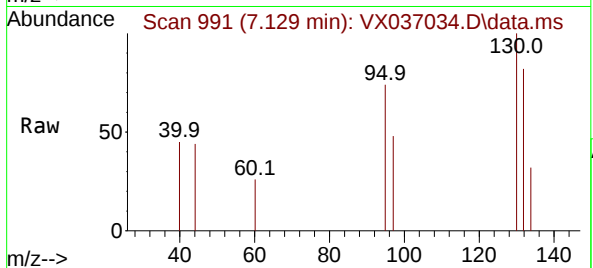




#44  
 Trichloroethene  
 Concen: 0.317 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.006 min  
 Lab File: VX037034.D  
 Acq: 17 Aug 2023 02:49

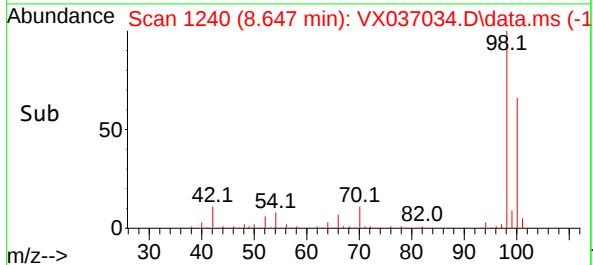
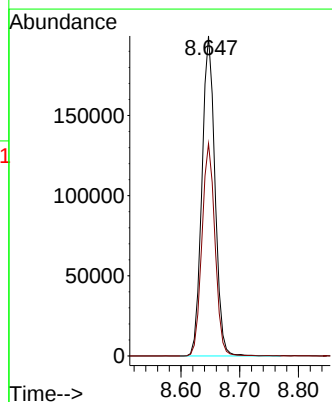
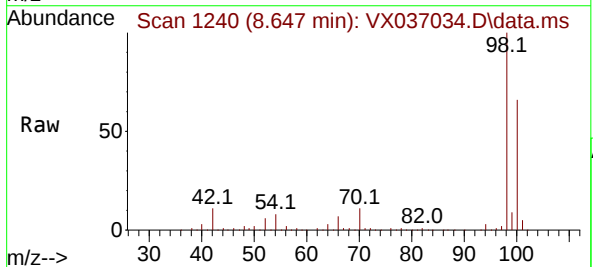
Instrument :  
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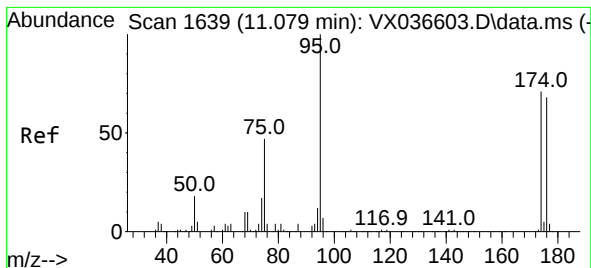
Tgt Ion:130 Resp: 630  
 Ion Ratio Lower Upper  
 130 100  
 95 74.0 0.0 204.4



#50  
 Toluene-d8  
 Concen: 49.501 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VX037034.D  
 Acq: 17 Aug 2023 02:49

Tgt Ion: 98 Resp: 308131  
 Ion Ratio Lower Upper  
 98 100  
 100 66.4 53.1 79.7

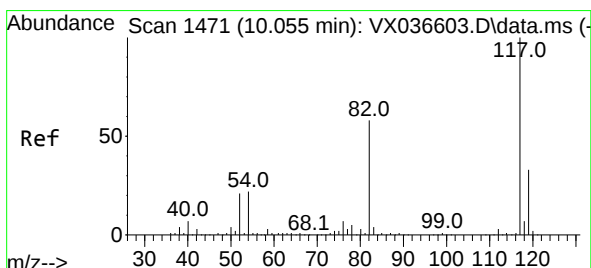
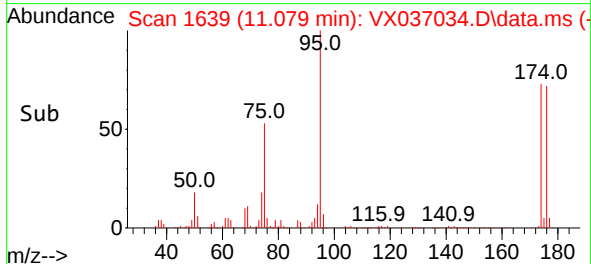
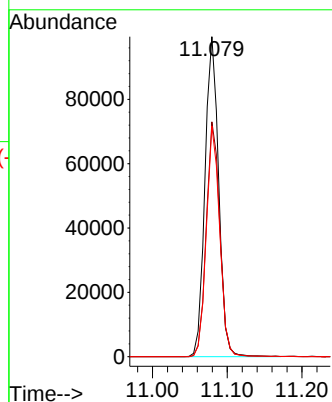
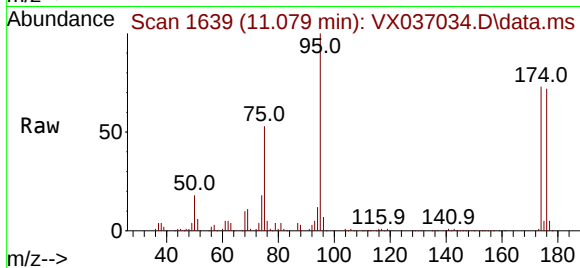




#62  
4-Bromofluorobenzene  
Concen: 53.805 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

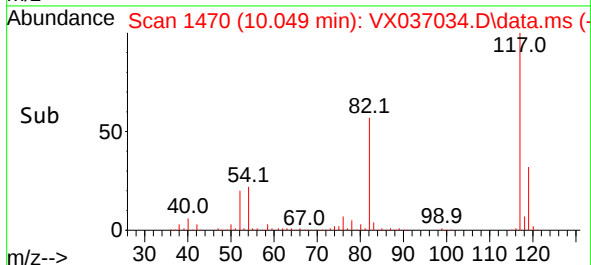
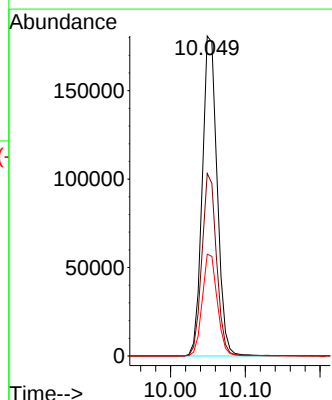
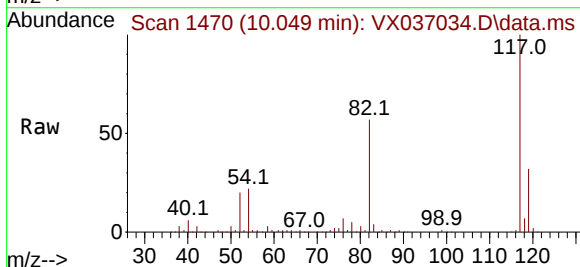
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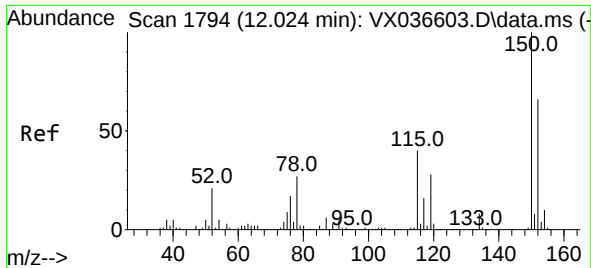
Tgt Ion: 95 Resp: 126361  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 135.6  
176 70.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: VX037034.D  
Acq: 17 Aug 2023 02:49

Tgt Ion: 117 Resp: 250909  
Ion Ratio Lower Upper  
117 100  
82 57.0 46.2 69.4  
119 31.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX037034.D  
 Acq: 17 Aug 2023 02:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0816WBL02

Tgt Ion:152 Resp: 113996  
 Ion Ratio Lower Upper  
 152 100  
 115 63.8 43.3 129.9  
 150 157.7 0.0 345.0

