

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037013.D  
 Acq On : 16 Aug 2023 13:24  
 Operator : JC/MD  
 Sample : 04024-08 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP05-20230815

Quant Time: Aug 17 04:14:15 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

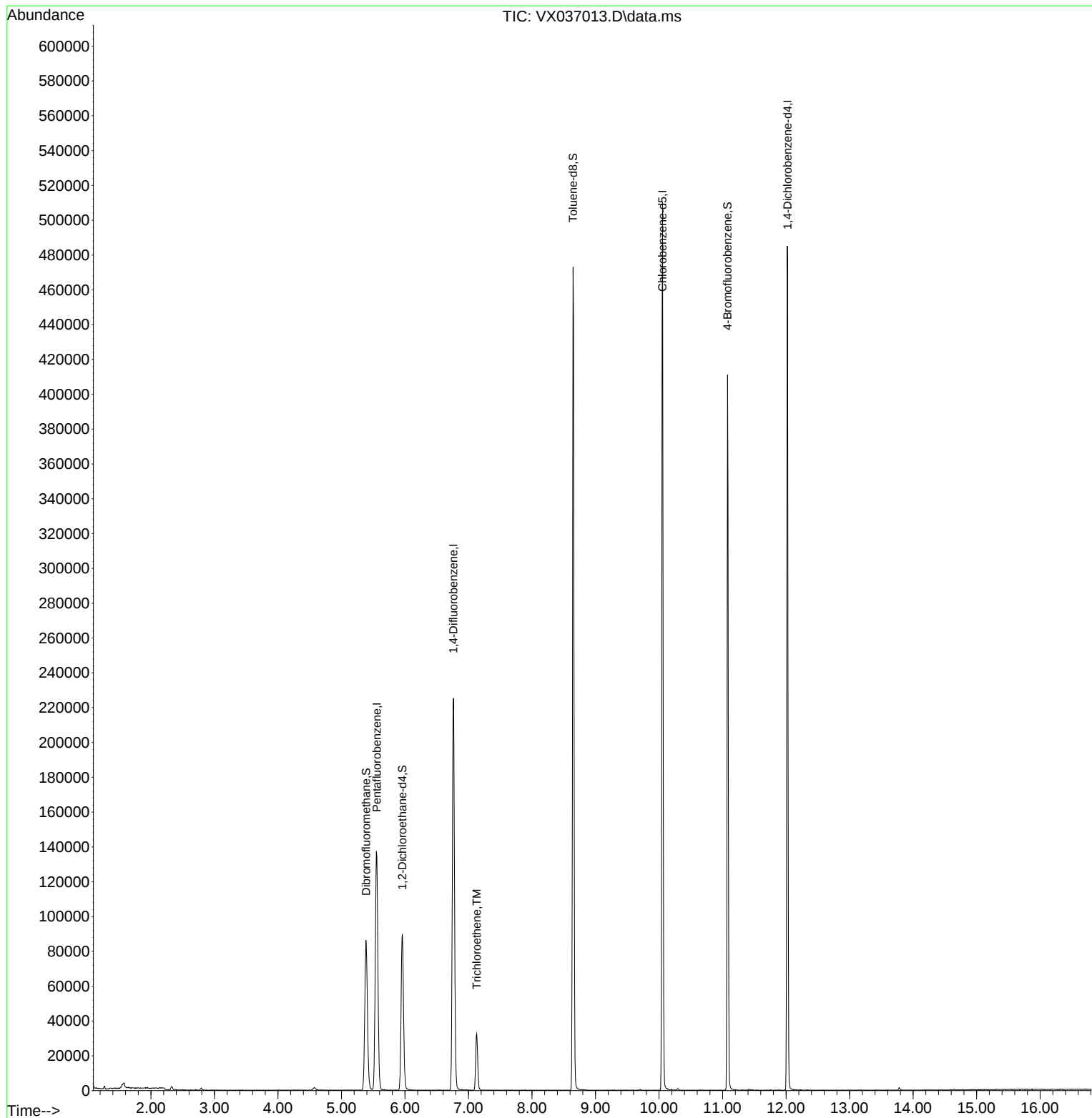
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 127645   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 235969   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 226361   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 100017   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 90632    | 47.987   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.980%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 74909    | 46.185   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 282548   | 49.124   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.240%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 111301   | 51.290   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 102.580% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 44) Trichloroethene         | 7.129  | 130   | 12996    | 7.069    | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

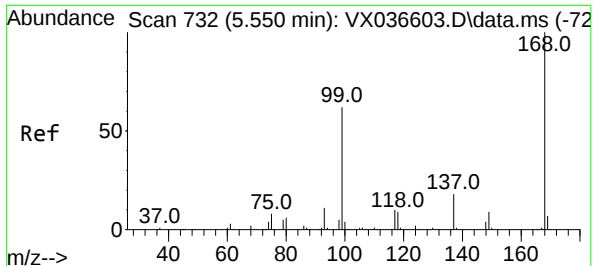
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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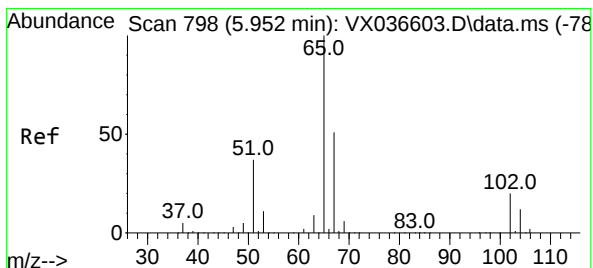
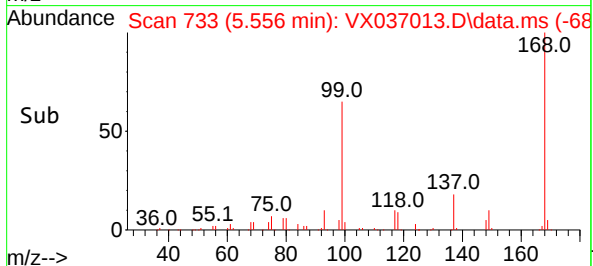
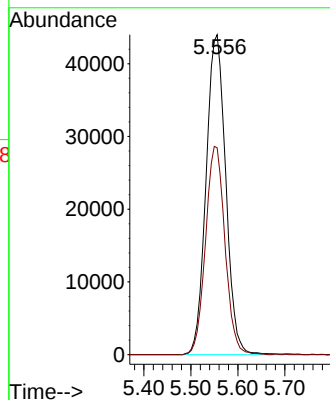
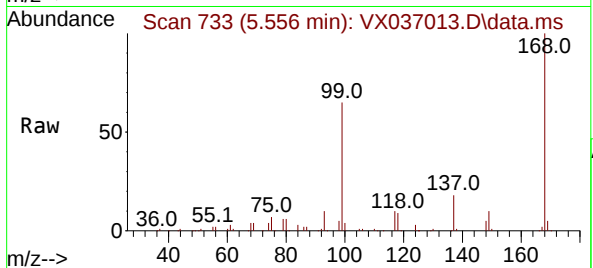




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

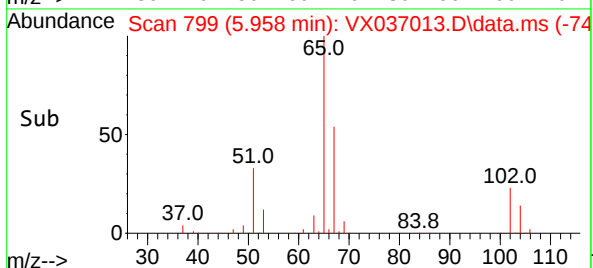
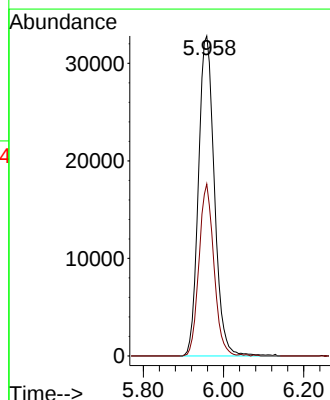
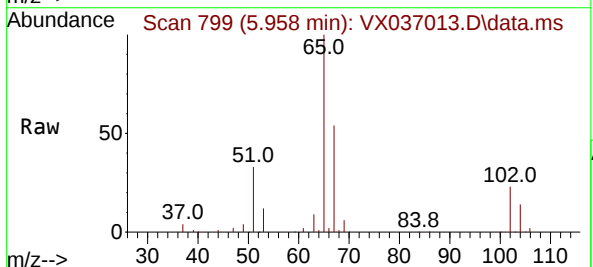
Instrument :  
MSVOA\_X  
ClientSampleId :  
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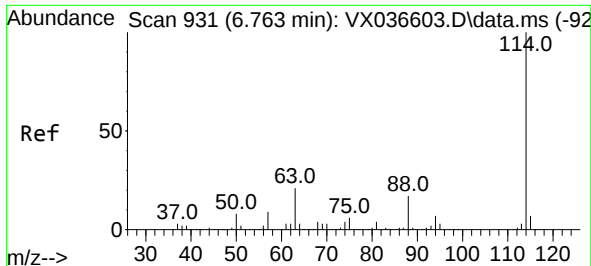
Tgt Ion:168 Resp: 127645  
Ion Ratio Lower Upper  
168 100  
99 64.7 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.987 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

Tgt Ion: 65 Resp: 90632  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 100.2

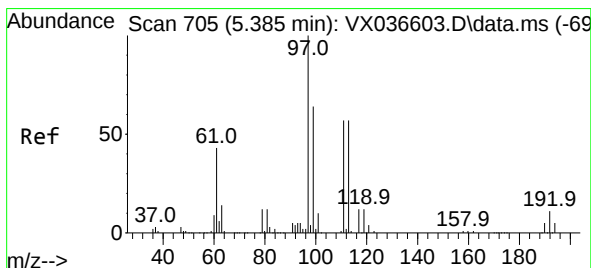
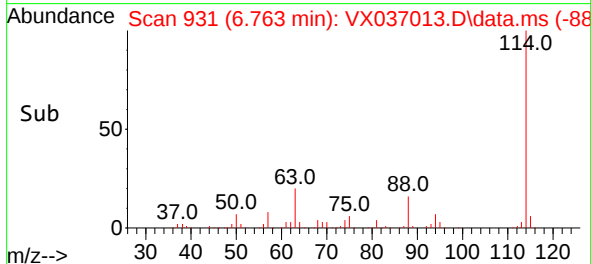
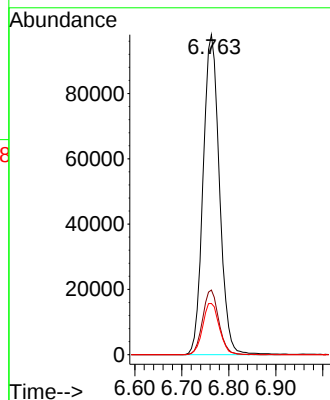
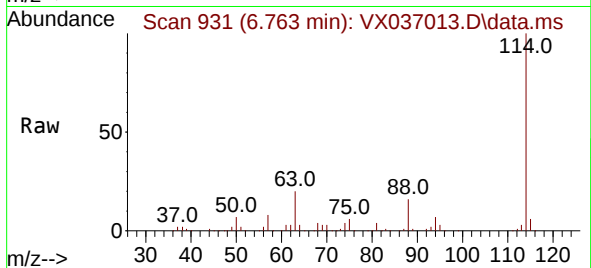




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

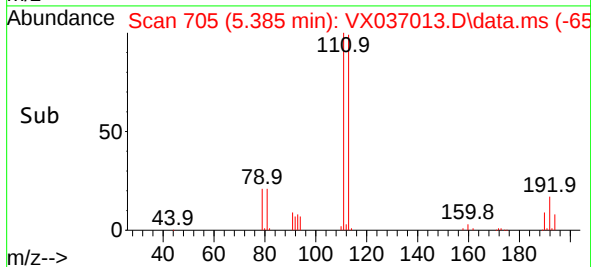
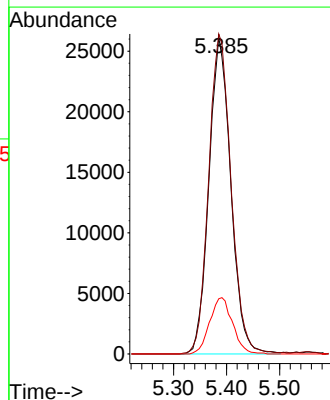
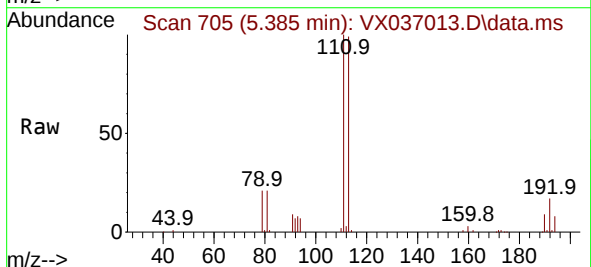
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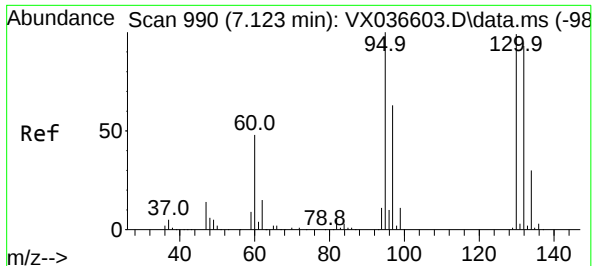
Tgt Ion:114 Resp: 235969  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 45.0  
88 16.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.185 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

Tgt Ion:113 Resp: 74909  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 18.6 13.3 19.9

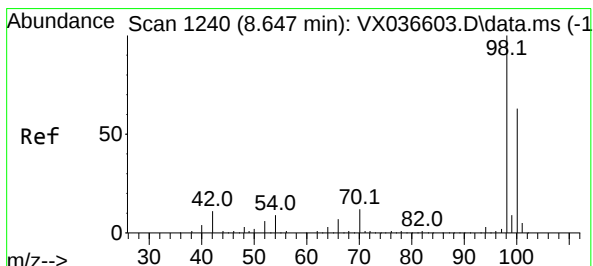
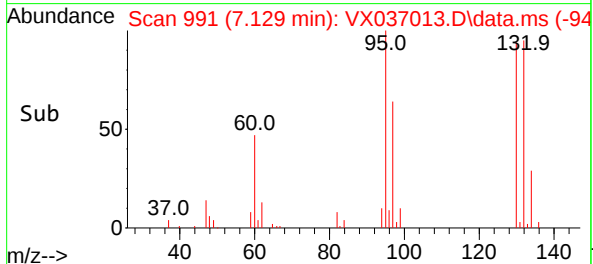
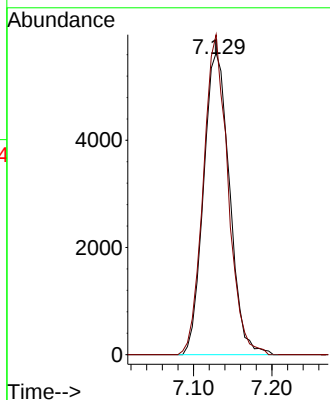
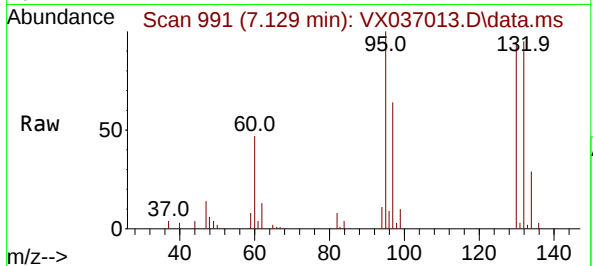




#44  
 Trichloroethene  
 Concen: 7.069 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.006 min  
 Lab File: VX037013.D  
 Acq: 16 Aug 2023 13:24

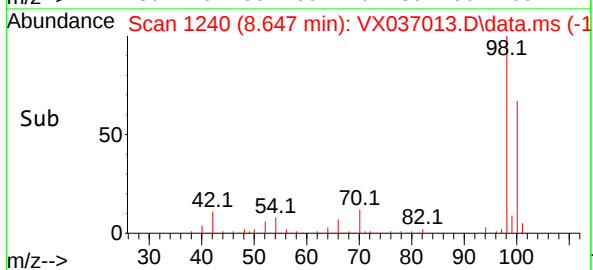
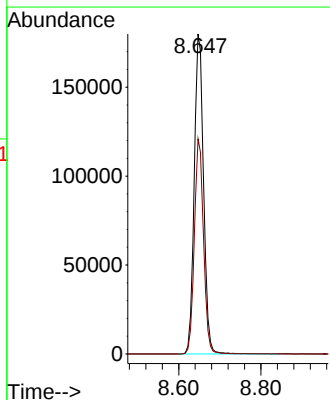
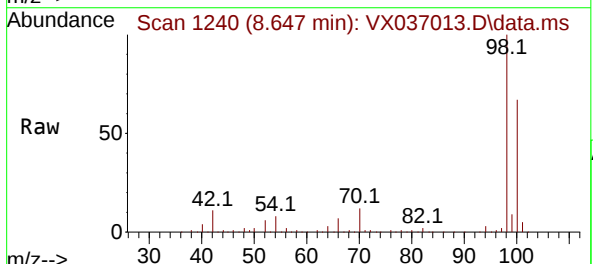
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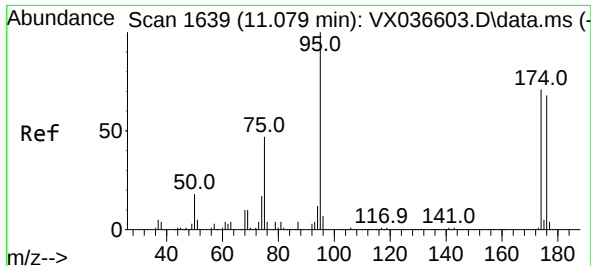
Tgt Ion:130 Resp: 12996  
 Ion Ratio Lower Upper  
 130 100  
 95 106.1 0.0 204.4



#50  
 Toluene-d8  
 Concen: 49.124 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VX037013.D  
 Acq: 16 Aug 2023 13:24

Tgt Ion: 98 Resp: 282548  
 Ion Ratio Lower Upper  
 98 100  
 100 66.2 53.1 79.7

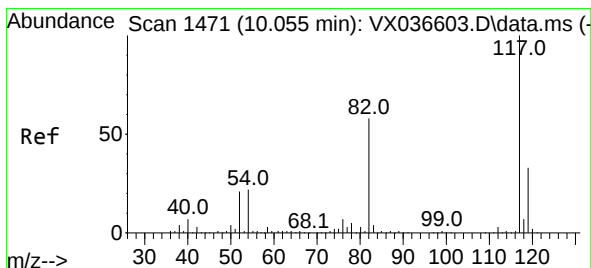
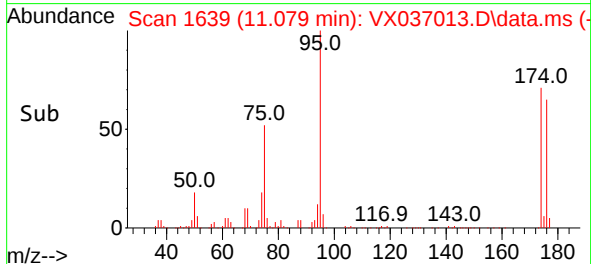
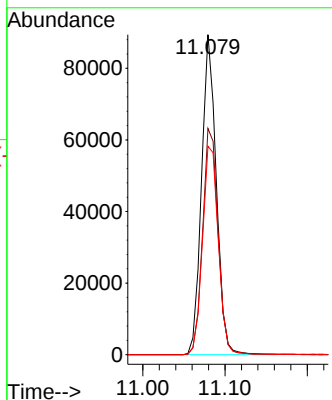
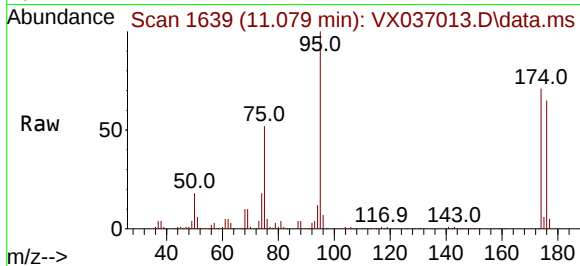




#62  
4-Bromofluorobenzene  
Concen: 51.290 ug/l  
RT: 11.079 min Scan# 111301  
Delta R.T. 0.000 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

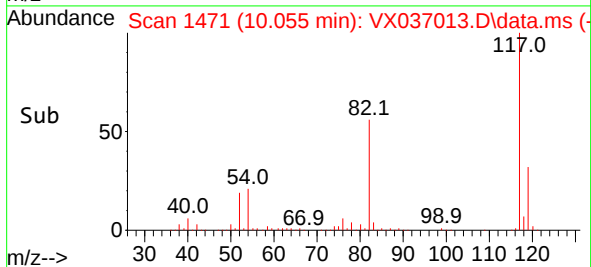
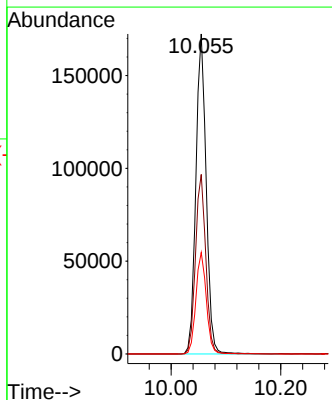
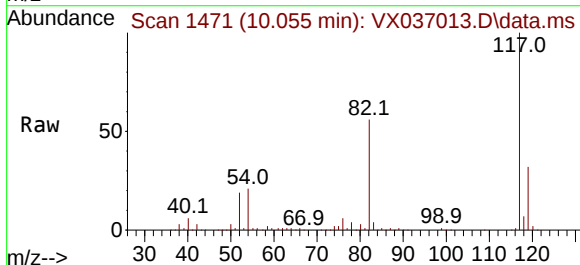
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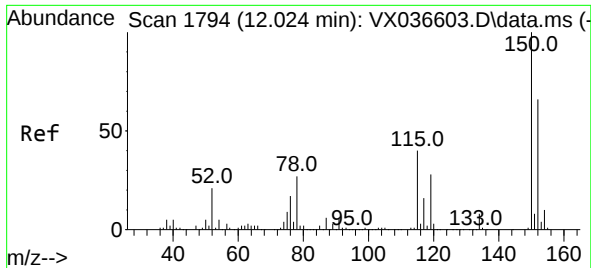
Tgt Ion: 95 Resp: 111301  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 135.6  
176 70.1 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037013.D  
Acq: 16 Aug 2023 13:24

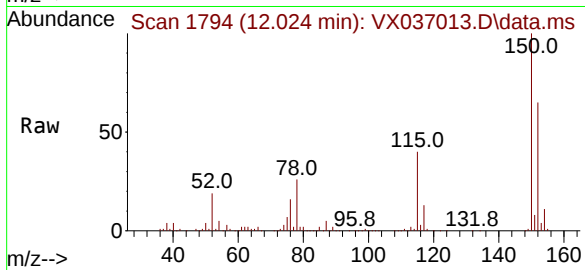
Tgt Ion: 117 Resp: 226361  
Ion Ratio Lower Upper  
117 100  
82 56.1 46.2 69.4  
119 31.7 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX037013.D  
 Acq: 16 Aug 2023 13:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP05-20230815



Tgt Ion:152 Resp: 100017  
 Ion Ratio Lower Upper  
 152 100  
 115 63.1 43.3 129.9  
 150 156.8 0.0 345.0

