

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083023\  
 Data File : VX037421.D  
 Acq On : 31 Aug 2023 11:04  
 Operator : JC/MD  
 Sample : 04128-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE126D1-20230822

Quant Time: Aug 31 18:23:59 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

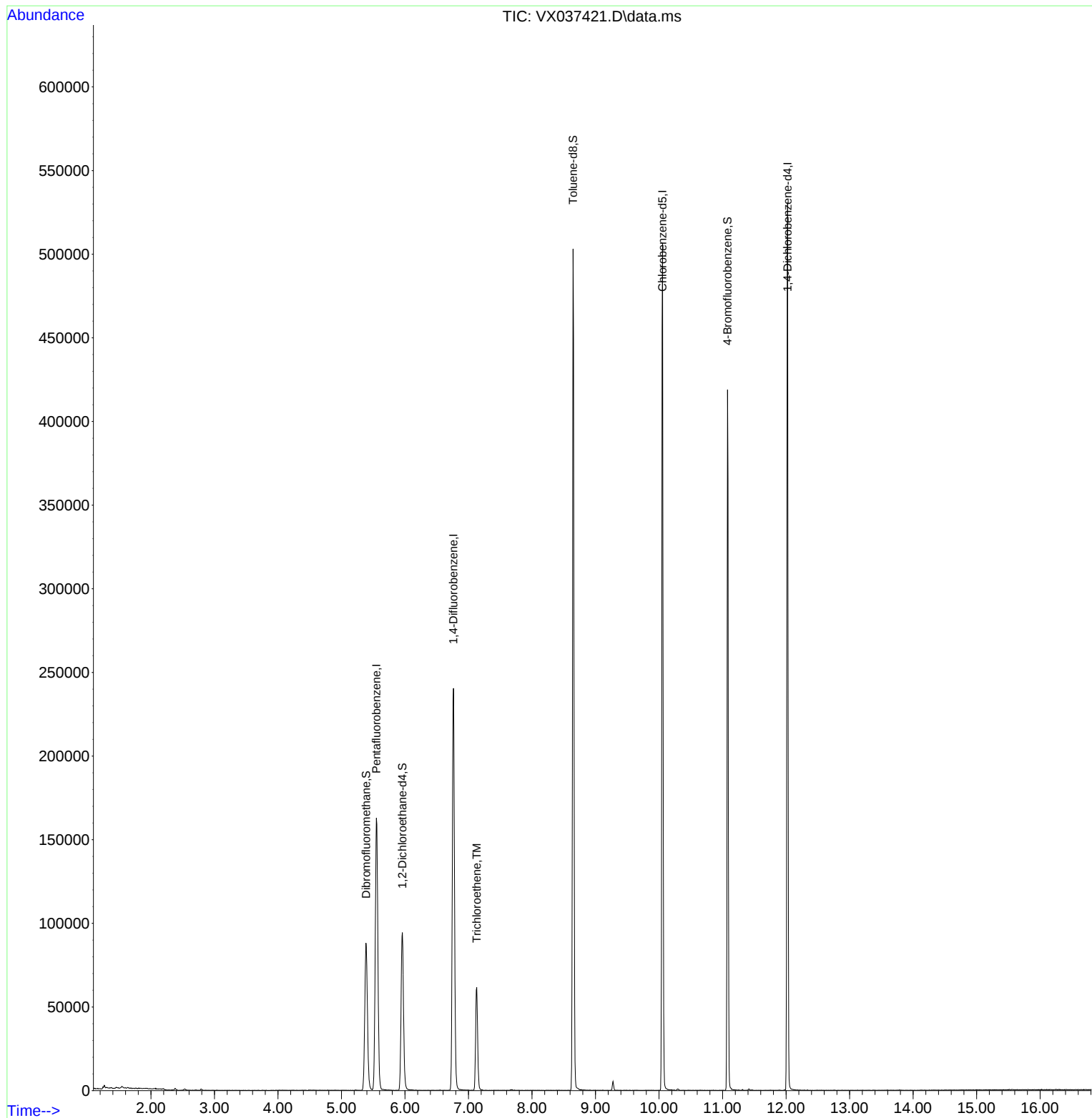
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 152717   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 256595   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 235610   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 114994   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 95587    | 43.415   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 86.840%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 78580    | 46.241   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.480%  |
| 50) Toluene-d8              | 8.647  | 98    | 303397   | 49.219   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.440%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 115486   | 47.673   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.340%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 44) Trichloroethene         | 7.129  | 130   | 25307    | 12.889   | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

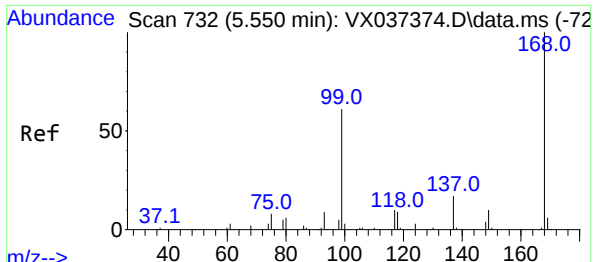
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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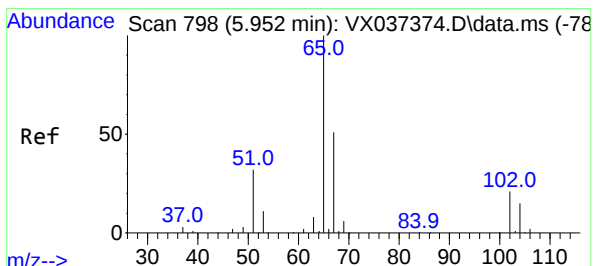
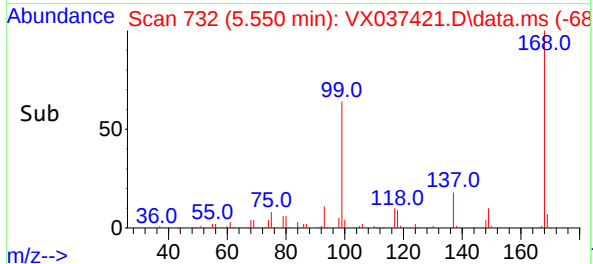
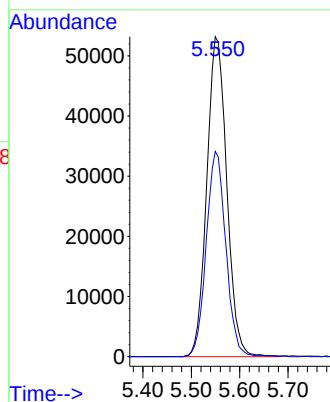
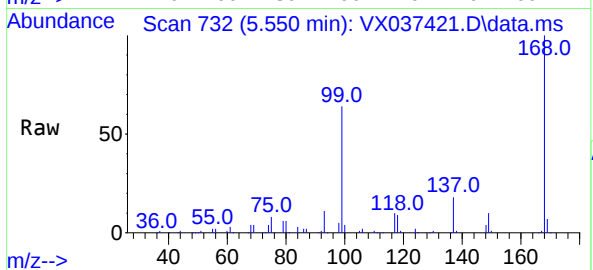




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

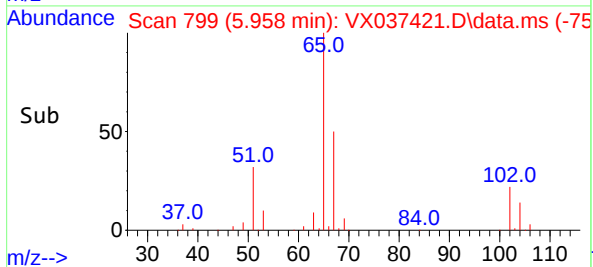
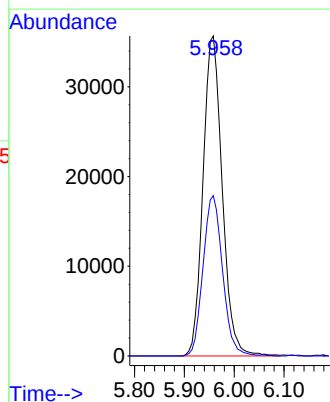
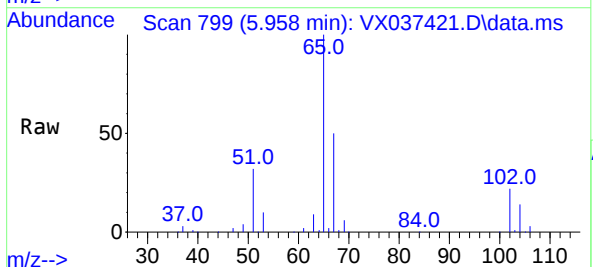
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MSVOA\_X  
ClientSampleId :  
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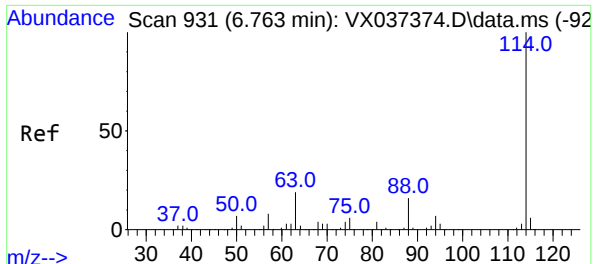
Tgt Ion:168 Resp: 152717  
Ion Ratio Lower Upper  
168 100  
99 64.1 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 43.415 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

Tgt Ion: 65 Resp: 95587  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.2

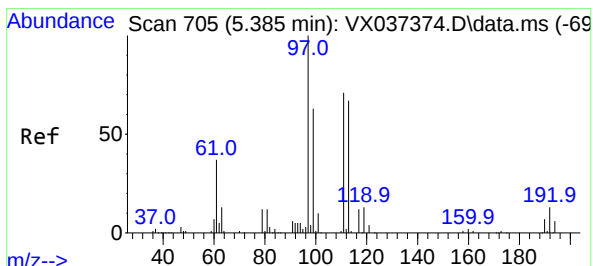
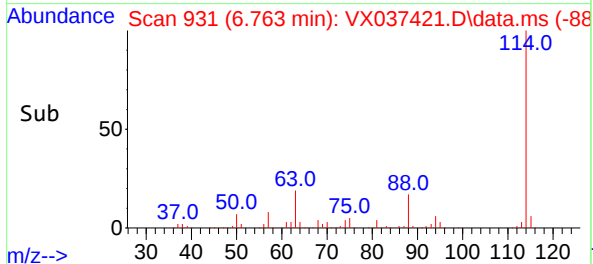
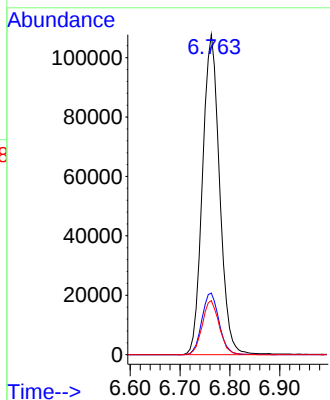
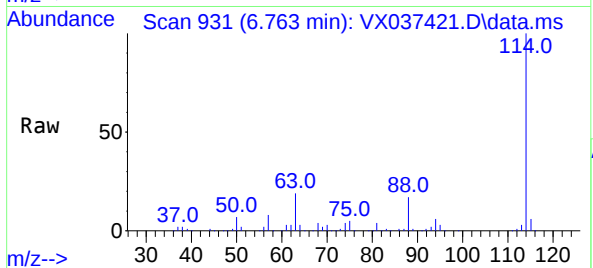




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

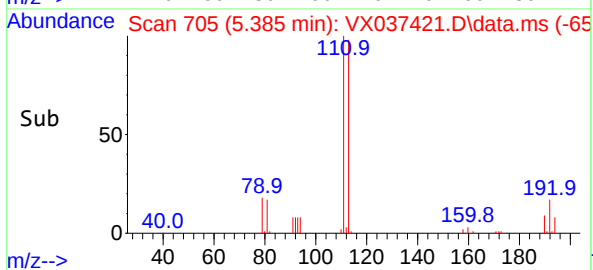
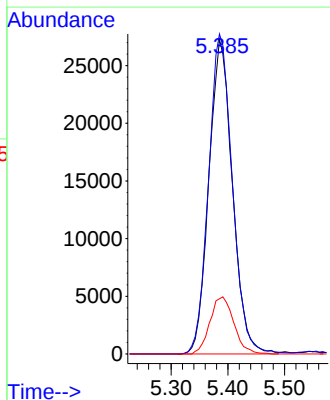
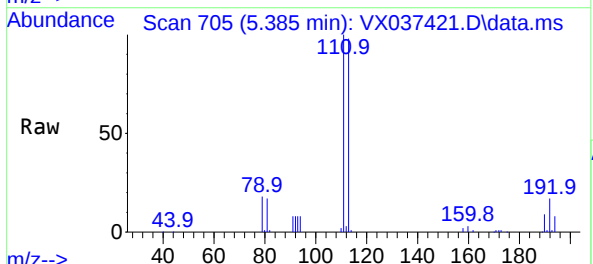
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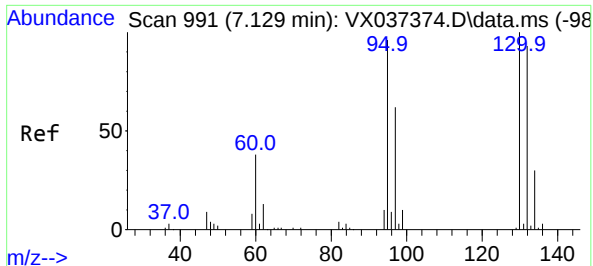
Tgt Ion:114 Resp: 256595  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 45.0  
88 16.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.241 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

Tgt Ion:113 Resp: 78580  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.9 124.3  
192 18.4 13.3 19.9

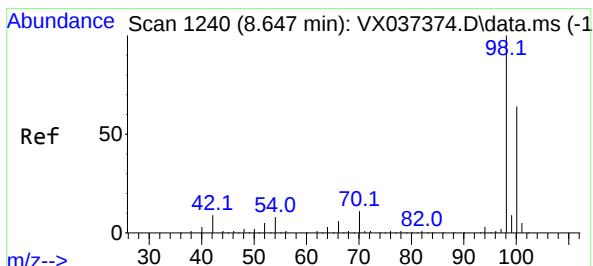
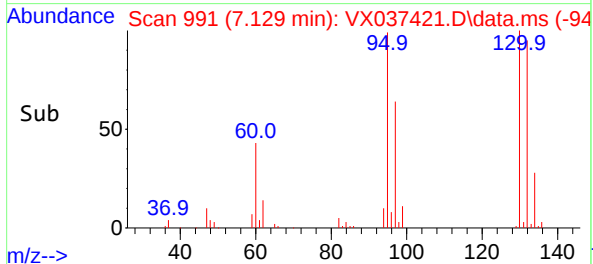
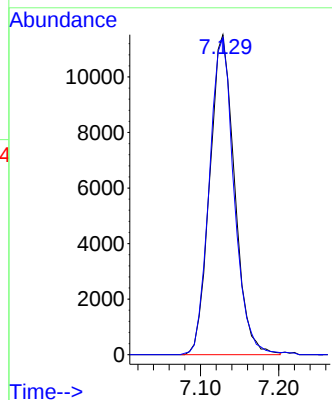
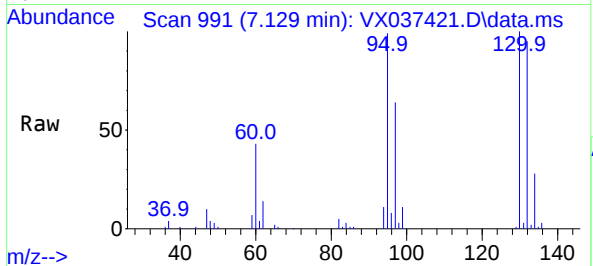




#44  
Trichloroethene  
Concen: 12.889 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

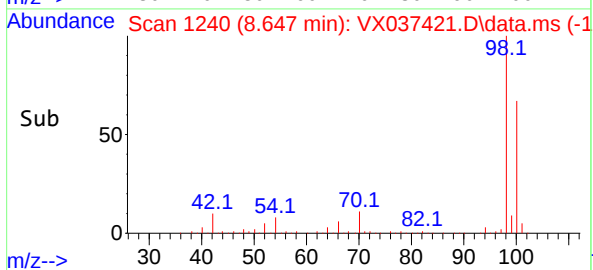
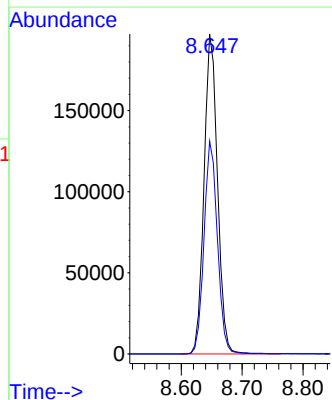
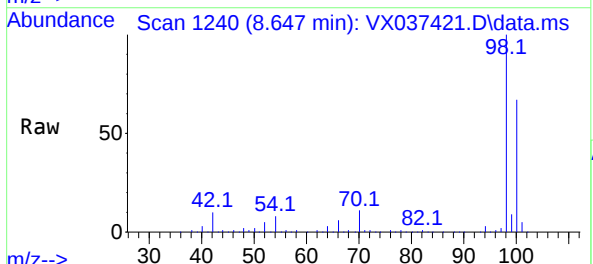
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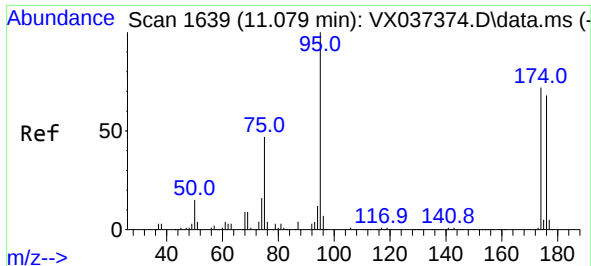
Tgt Ion:130 Resp: 25307  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 204.4



#50  
Toluene-d8  
Concen: 49.219 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

Tgt Ion: 98 Resp: 303397  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7

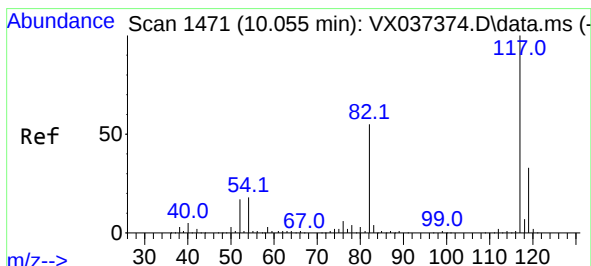
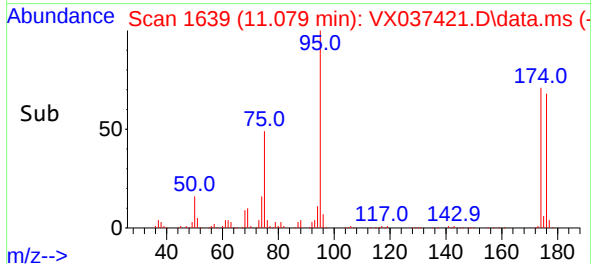
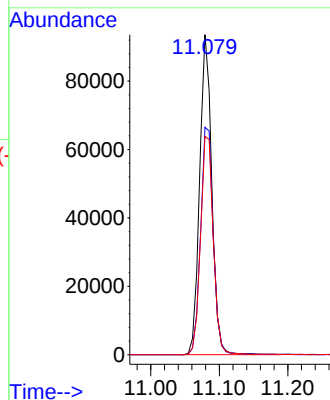
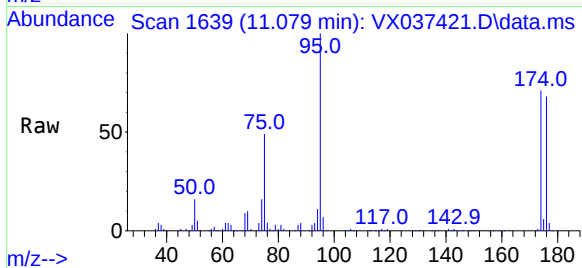




#62  
4-Bromofluorobenzene  
Concen: 47.673 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

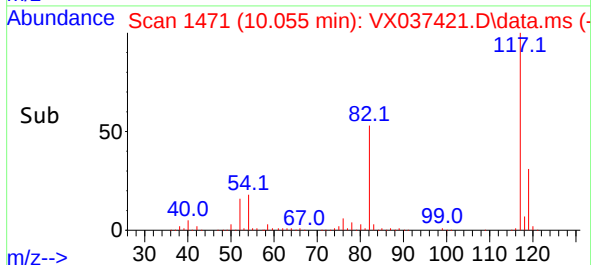
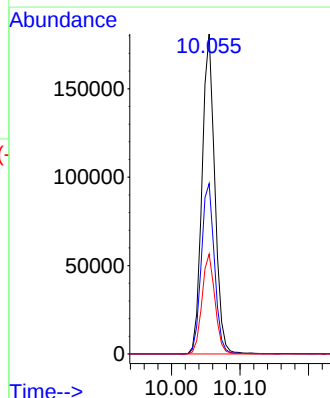
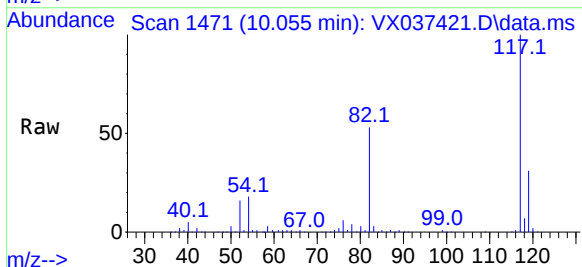
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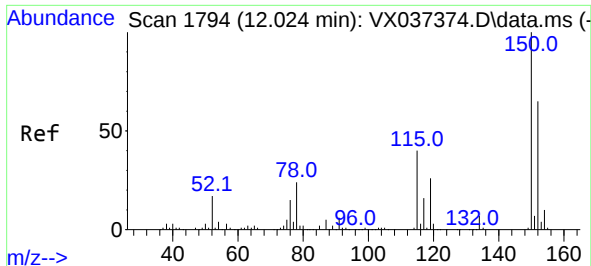
Tgt Ion: 95 Resp: 115486  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 135.6  
176 71.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037421.D  
Acq: 31 Aug 2023 11:04

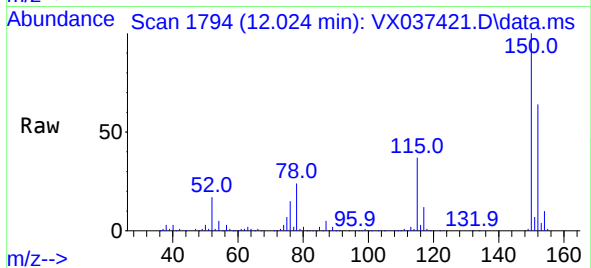
Tgt Ion: 117 Resp: 235610  
Ion Ratio Lower Upper  
117 100  
82 53.3 46.2 69.4  
119 31.2 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037421.D  
 Acq: 31 Aug 2023 11:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 114994  
 Ion Ratio Lower Upper  
 152 100  
 115 60.6 43.3 129.9  
 150 155.3 0.0 345.0

