

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082423\  
 Data File : VX037242.D  
 Acq On : 25 Aug 2023 02:47  
 Operator : JC/MD  
 Sample : 04077-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE135D2-20230817

Quant Time: Aug 25 06:32:06 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

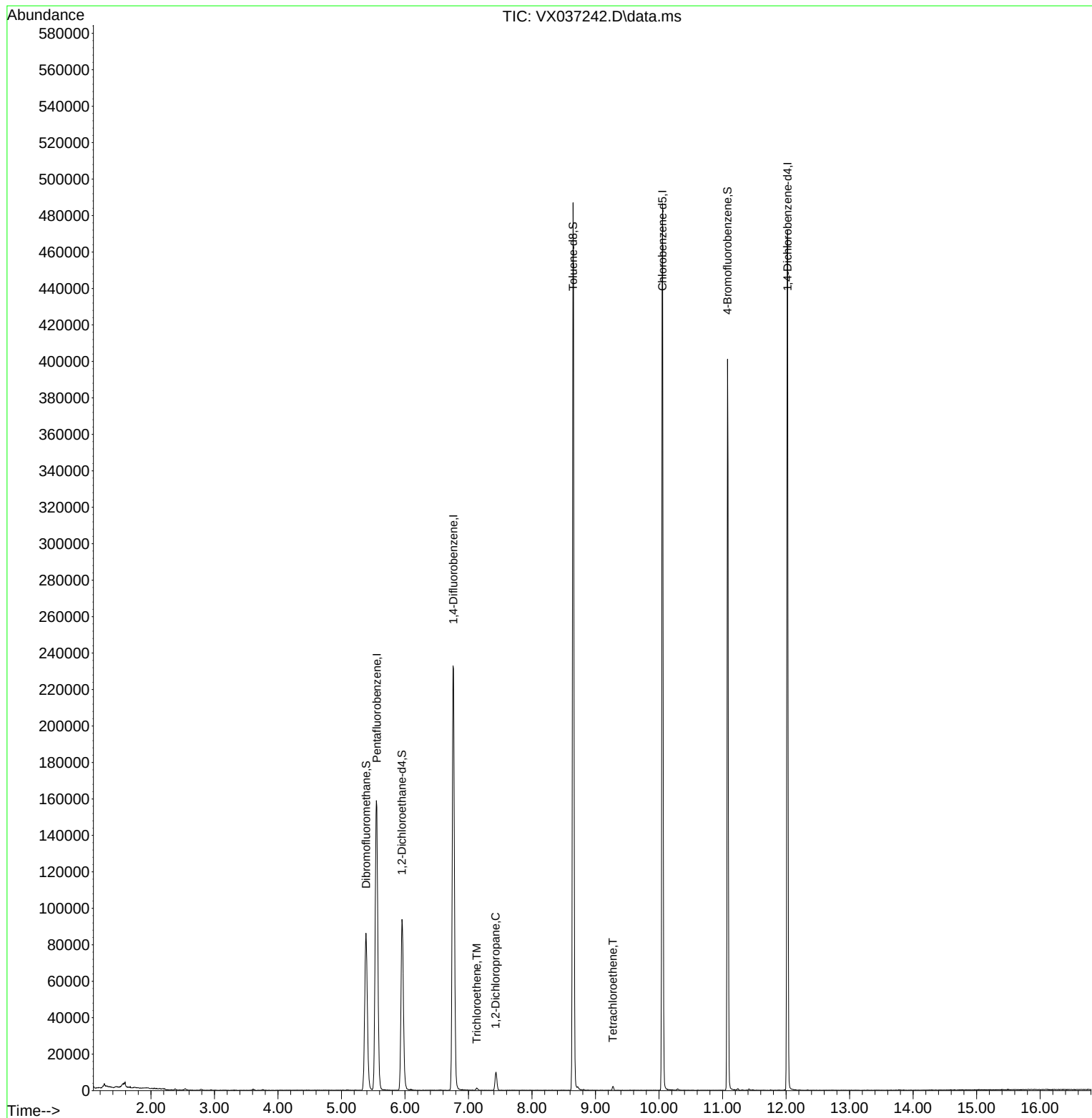
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 150600   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 247598   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 222214   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 101344   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 95047    | 43.777   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 87.560%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 76608    | 46.718   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.440%  |
| 50) Toluene-d8              | 8.647  | 98    | 290597   | 48.855   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.720%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 108681   | 46.494   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 92.980%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 44) Trichloroethene         | 7.128  | 130   | 485      | 0.256    | ug/l   | 98       |
| 45) 1,2-Dichloropropane     | 7.427  | 63    | 4163     | 2.527    | ug/l   | 96       |
| 64) Tetrachloroethene       | 9.274  | 164   | 418      | 0.258    | ug/l # | 77       |
| -----                       |        |       |          |          |        |          |

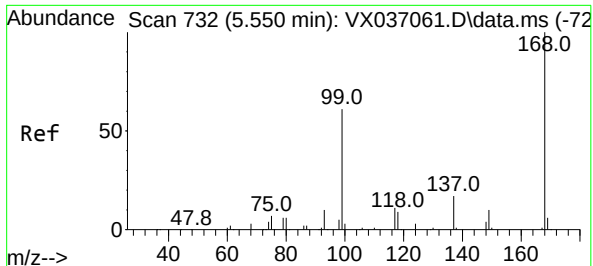
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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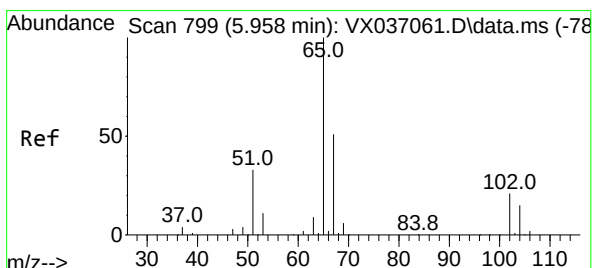
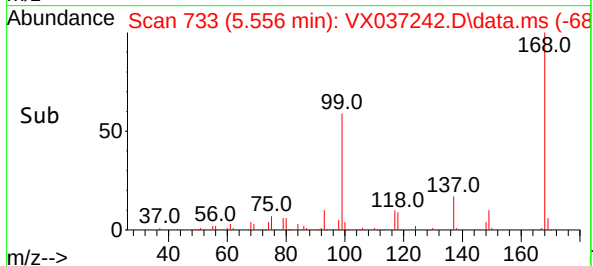
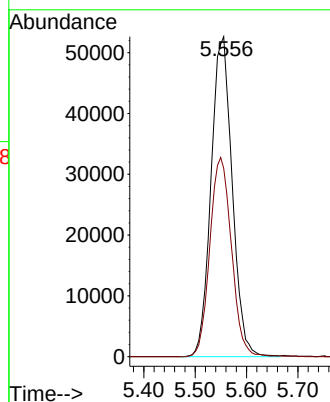
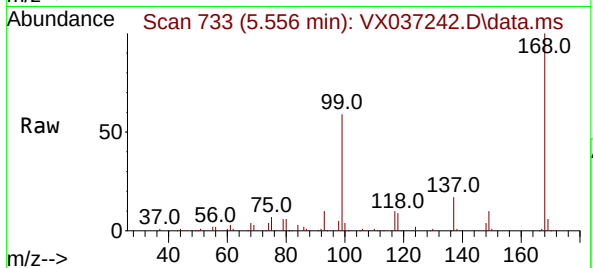




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

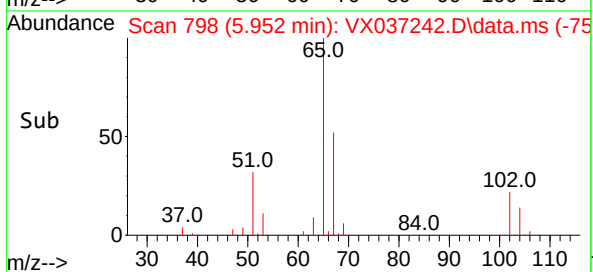
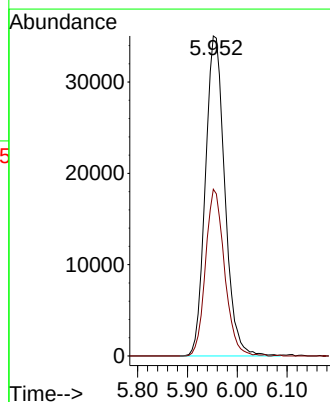
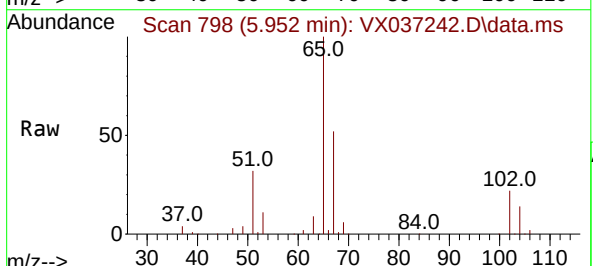
Instrument :  
MSVOA\_X  
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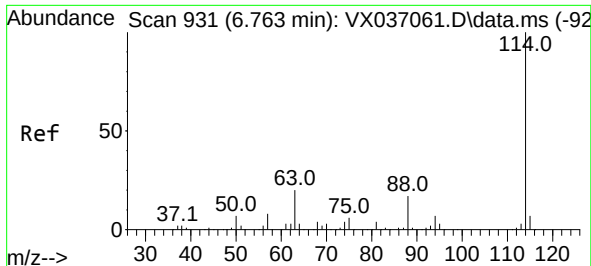
Tgt Ion:168 Resp: 150600  
Ion Ratio Lower Upper  
168 100  
99 58.9 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 43.777 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

Tgt Ion: 65 Resp: 95047  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 100.2

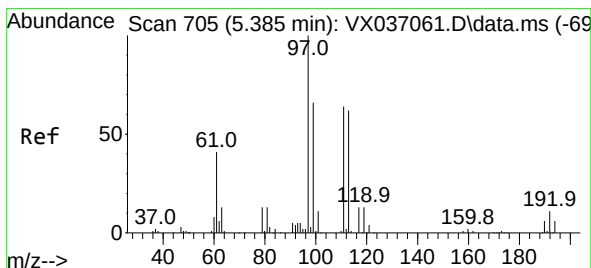
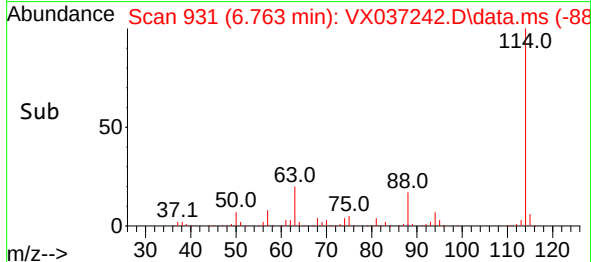
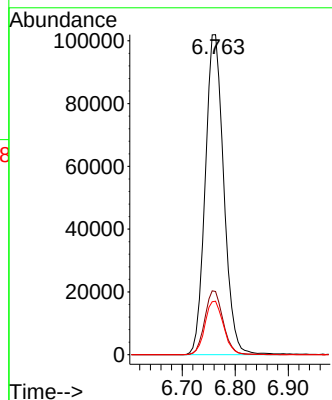
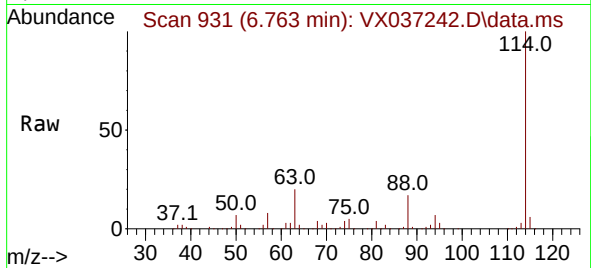




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

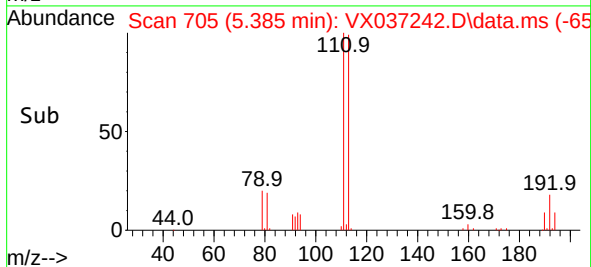
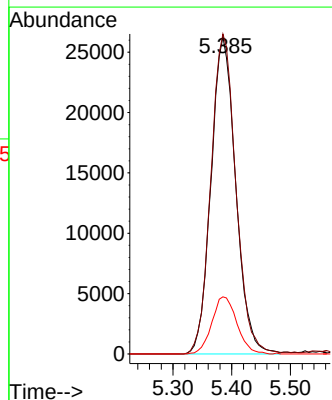
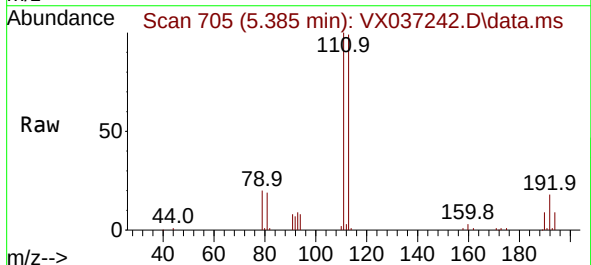
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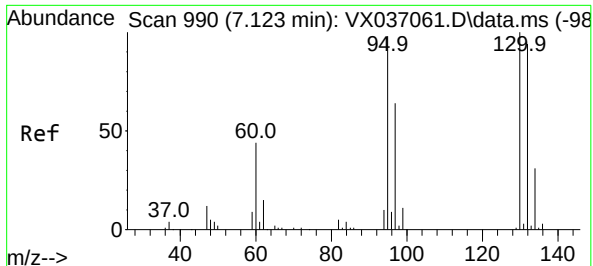
Tgt Ion:114 Resp: 247598  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 45.0  
88 16.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.718 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

Tgt Ion:113 Resp: 76608  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.9 124.3  
192 18.3 13.3 19.9

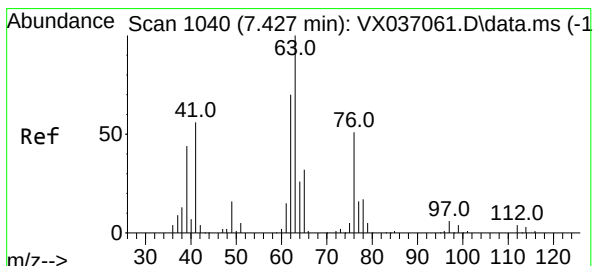
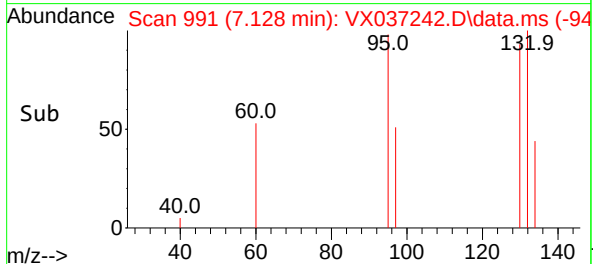
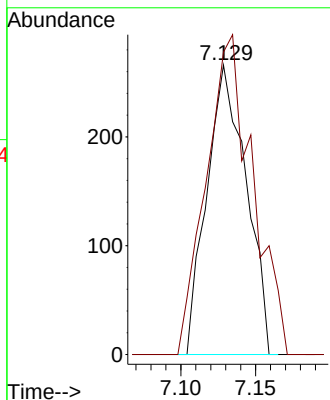
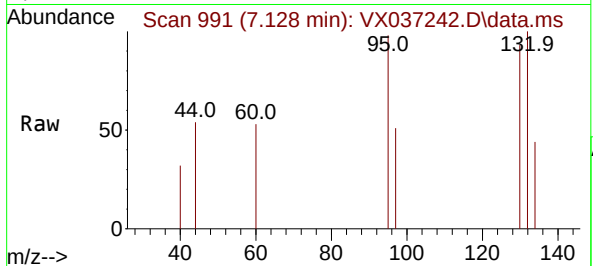




#44  
Trichloroethene  
Concen: 0.256 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

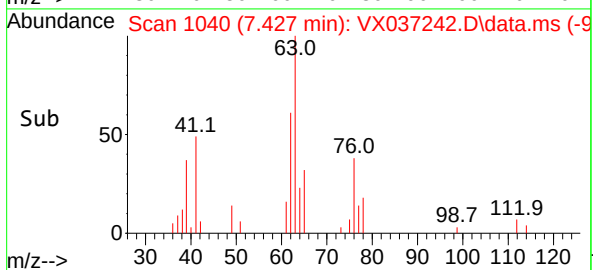
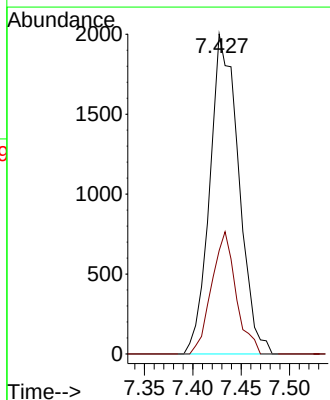
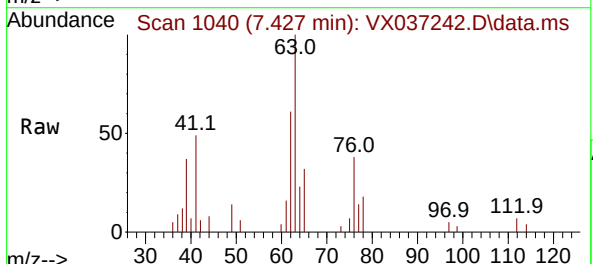
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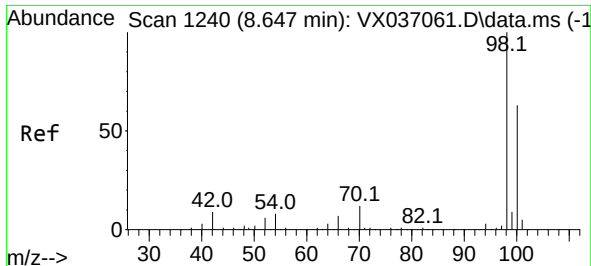
Tgt Ion:130 Resp: 485  
Ion Ratio Lower Upper  
130 100  
95 104.5 0.0 204.4



#45  
1,2-Dichloropropane  
Concen: 2.527 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

Tgt Ion: 63 Resp: 4163  
Ion Ratio Lower Upper  
63 100  
65 32.3 24.3 36.5

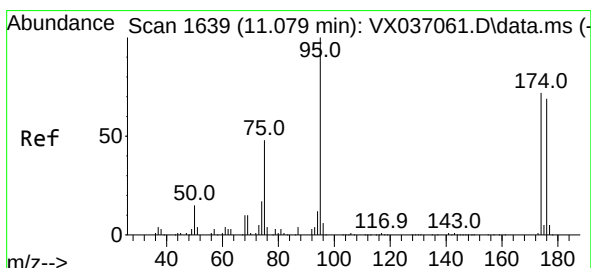
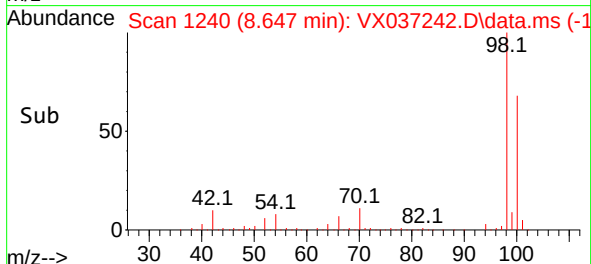
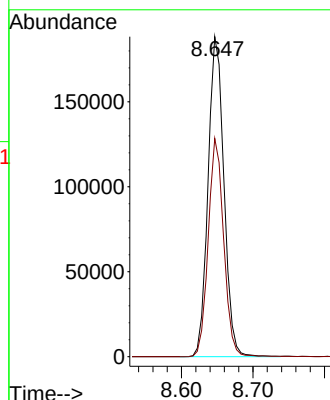
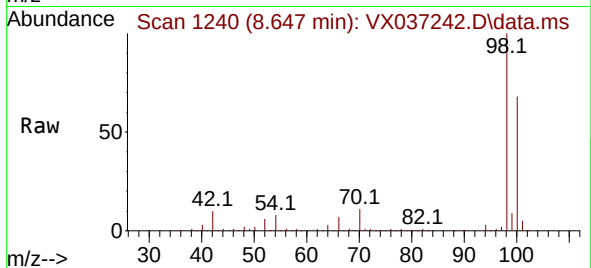




#50  
Toluene-d8  
Concen: 48.855 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

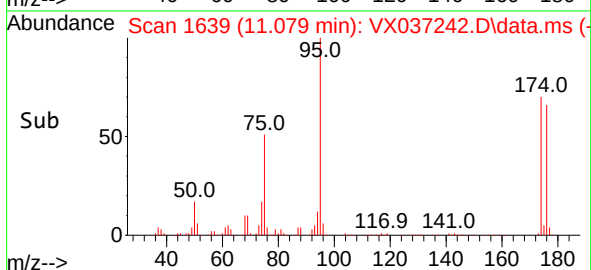
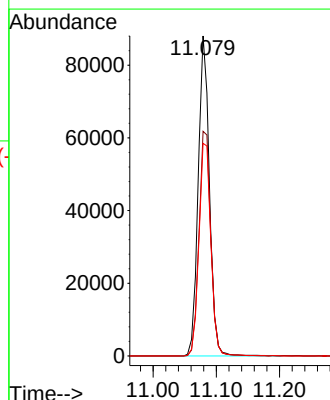
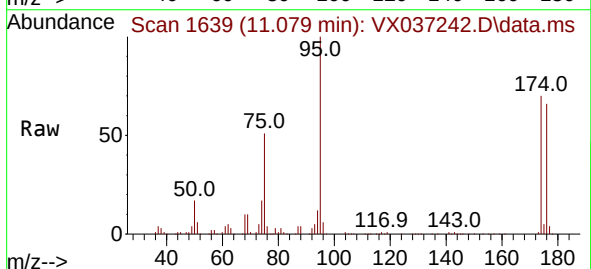
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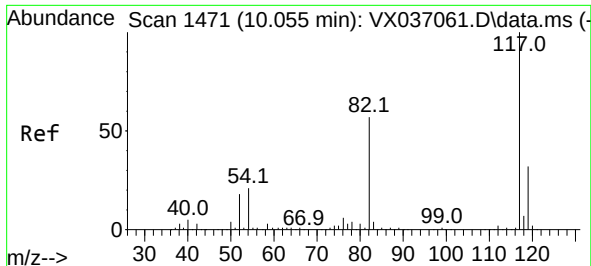
Tgt Ion: 98 Resp: 290597  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 46.494 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

Tgt Ion: 95 Resp: 108681  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 135.6  
176 70.8 0.0 131.0

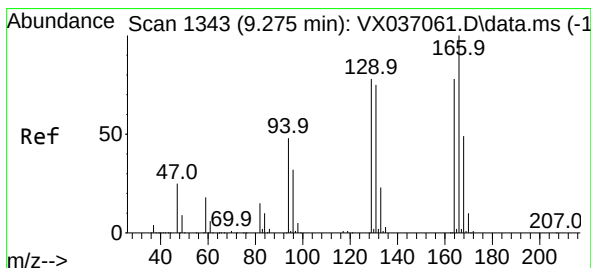
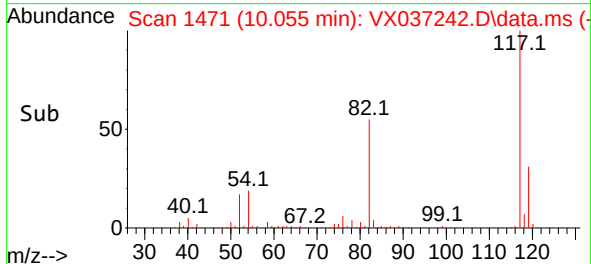
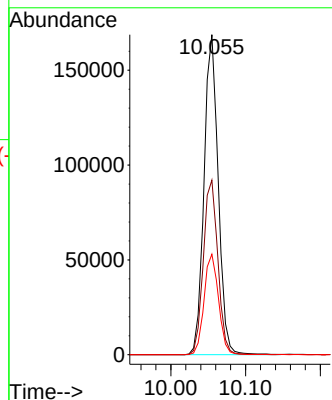
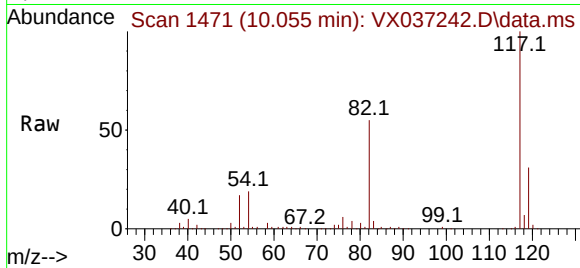




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

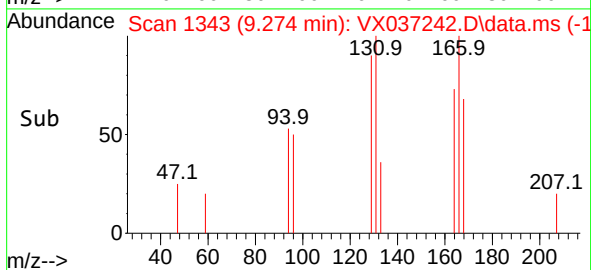
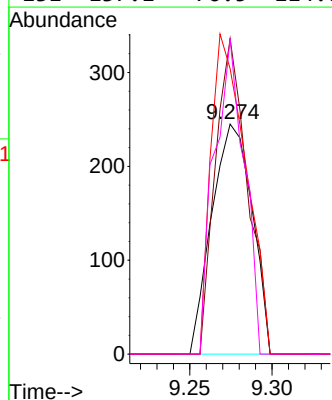
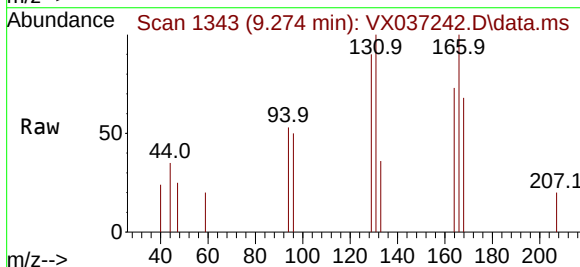
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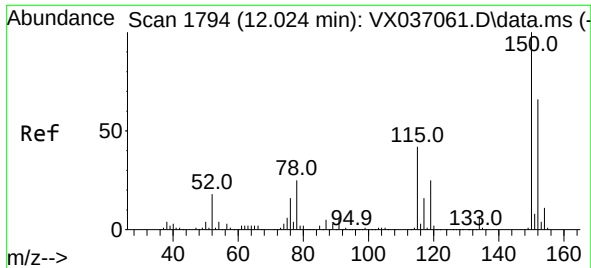
Tgt Ion:117 Resp: 222214  
Ion Ratio Lower Upper  
117 100  
82 54.6 46.2 69.4  
119 31.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.258 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037242.D  
Acq: 25 Aug 2023 02:47

Tgt Ion:164 Resp: 418  
Ion Ratio Lower Upper  
164 100  
166 137.1 102.7 154.1  
129 124.1 80.4 120.6#  
131 137.1 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037242.D

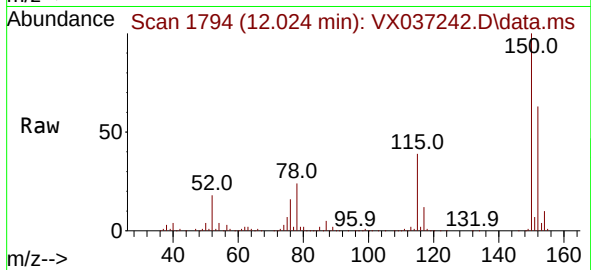
Acq: 25 Aug 2023 02:47

Instrument :

MSVOA\_X

ClientSampleId :

RE135D2-20230817



Tgt Ion:152 Resp: 101344

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 156.0 0.0 345.0

