

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031423\  
 Data File : VX034460.D  
 Acq On : 14 Mar 2023 13:22  
 Operator : JC/MD  
 Sample : 01879-10DL 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP03-20230308DL

Quant Time: Mar 15 06:39:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

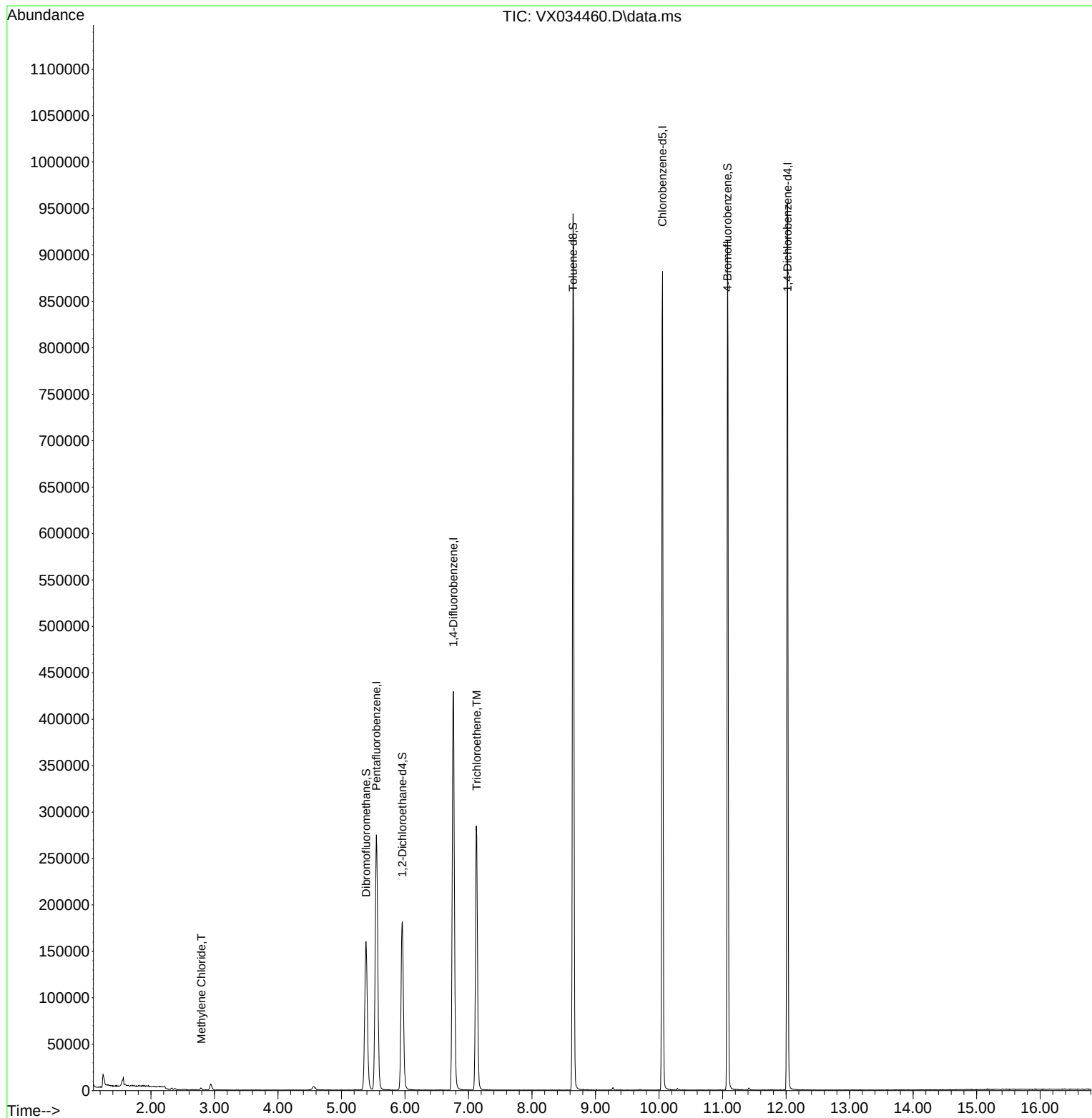
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 260977   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 443481   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 393933   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 192832   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 170930   | 45.021   | ug/l   | 0.01     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 90.040%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 139813   | 47.749   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.500%  |
| 50) Toluene-d8              | 8.647  | 98    | 536662   | 49.097   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.200%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 240708   | 54.519   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 109.040% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 2.794  | 84    | 1017     | 0.293    | ug/l # | 81       |
| 44) Trichloroethene         | 7.129  | 130   | 110495   | 32.324   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

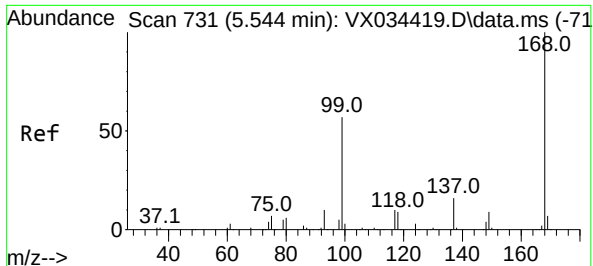
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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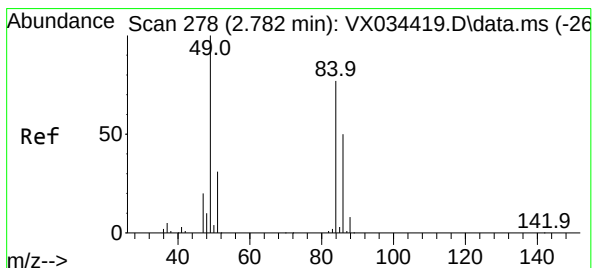
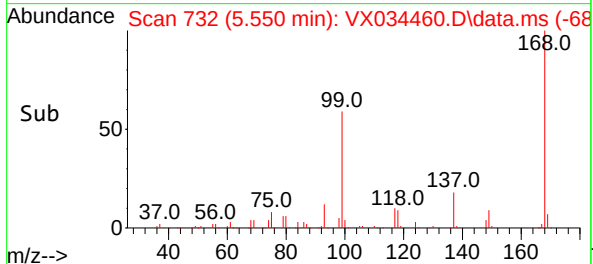
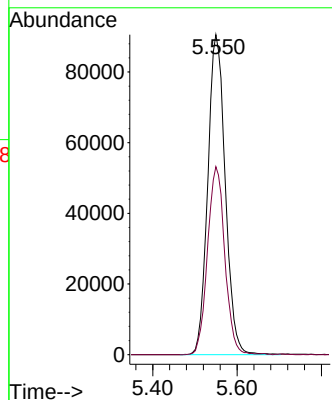
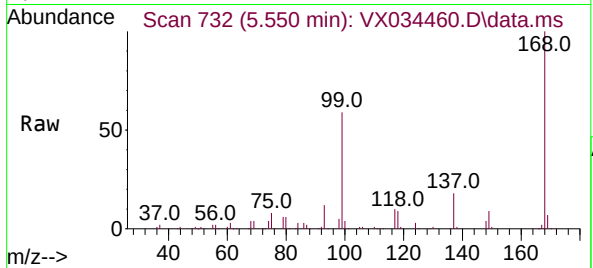




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

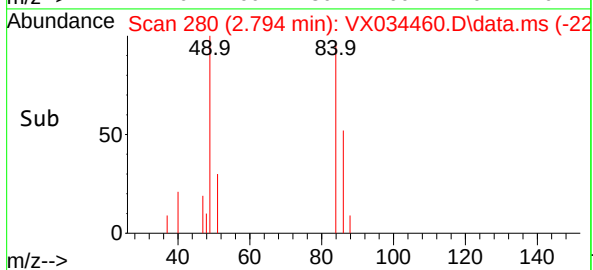
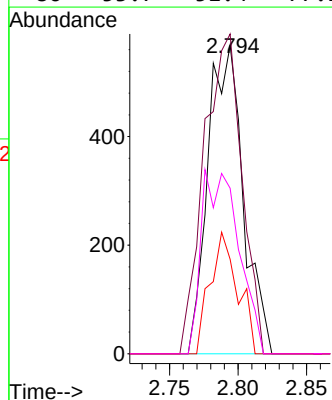
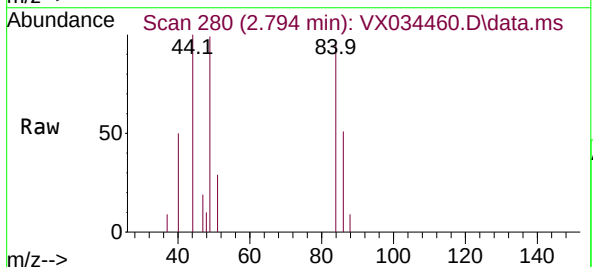
Instrument :  
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ClientSampleId :  
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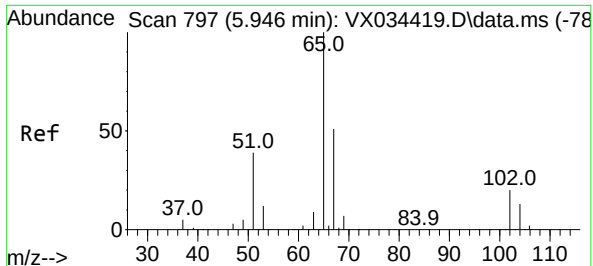
Tgt Ion:168 Resp: 260977  
Ion Ratio Lower Upper  
168 100  
99 58.7 45.7 68.5



#20  
Methylene Chloride  
Concen: 0.293 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.012 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

Tgt Ion: 84 Resp: 1017  
Ion Ratio Lower Upper  
84 100  
49 103.7 103.8 155.8#  
51 30.6 31.8 47.8#  
86 53.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 45.021 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

Instrument :

MSVOA\_X

ClientSampleId :

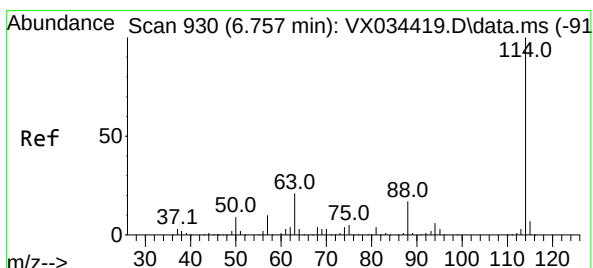
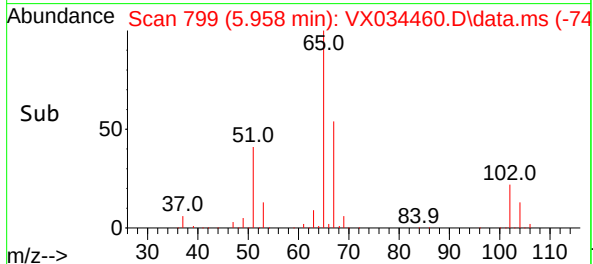
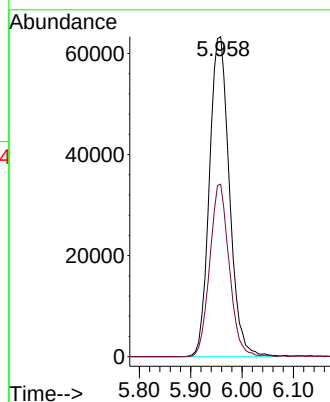
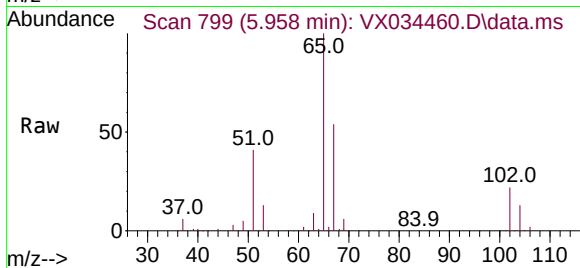
DUP03-20230308DL

Tgt Ion: 65 Resp: 170930

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034460.D

Acq: 14 Mar 2023 13:22

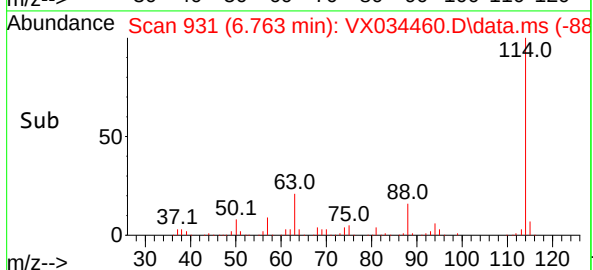
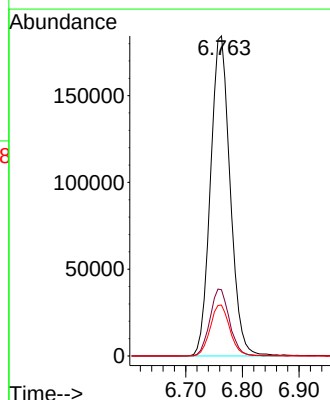
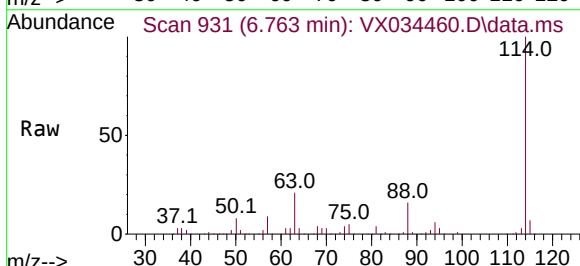
Tgt Ion: 114 Resp: 443481

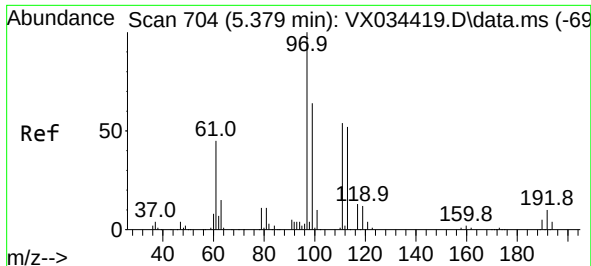
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.9 0.0 33.2

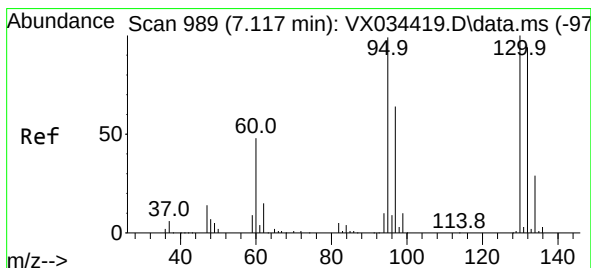
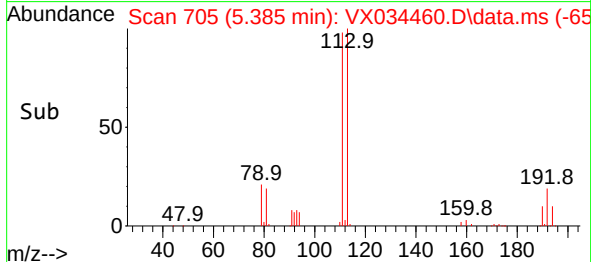
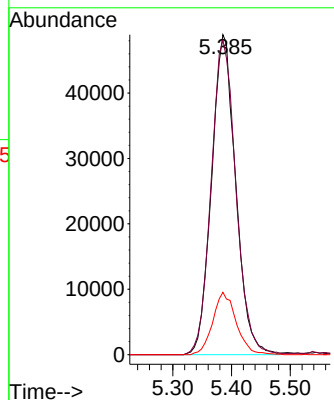
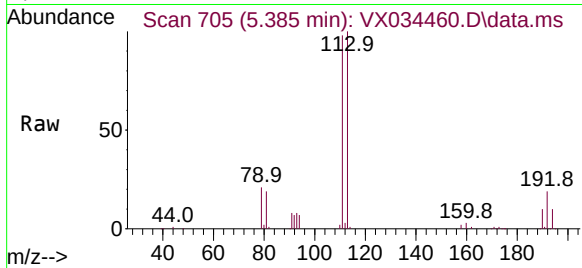




#35  
Dibromofluoromethane  
Concen: 47.749 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

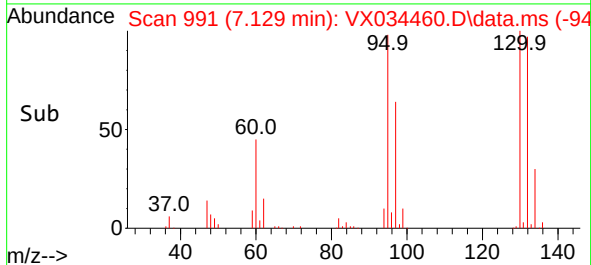
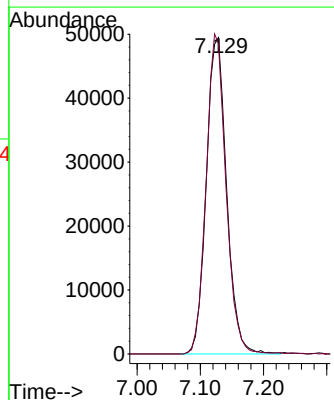
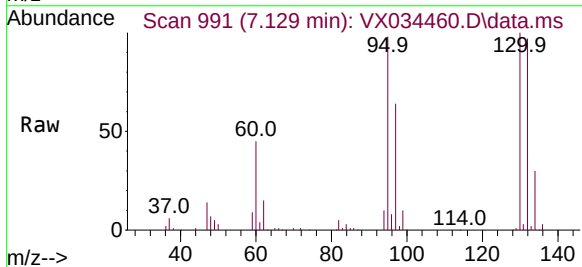
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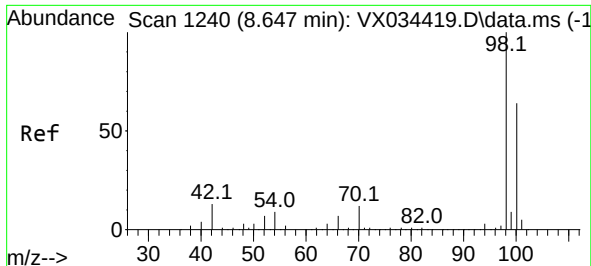
Tgt Ion:113 Resp: 139813  
Ion Ratio Lower Upper  
113 100  
111 100.7 83.7 125.5  
192 18.9 15.4 23.2



#44  
Trichloroethene  
Concen: 32.324 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

Tgt Ion:130 Resp: 110495  
Ion Ratio Lower Upper  
130 100  
95 98.2 0.0 198.4

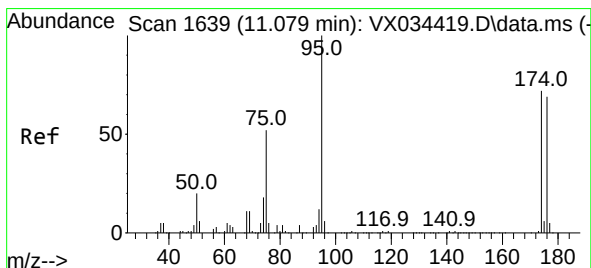
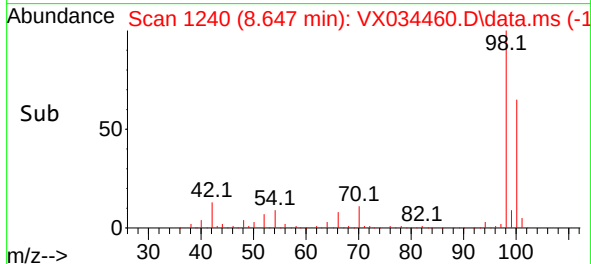
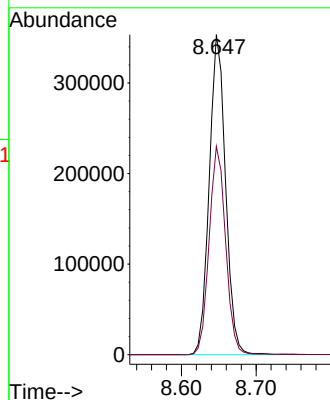
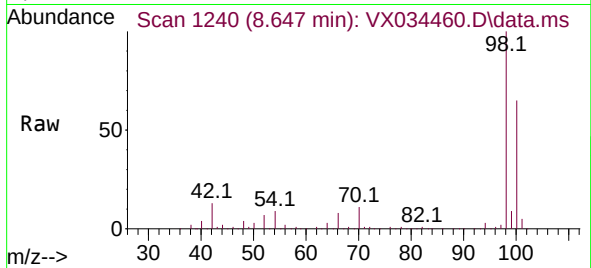




#50  
Toluene-d8  
Concen: 49.097 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

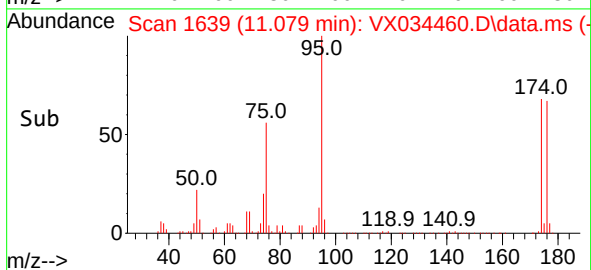
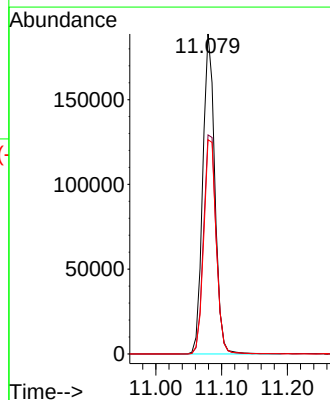
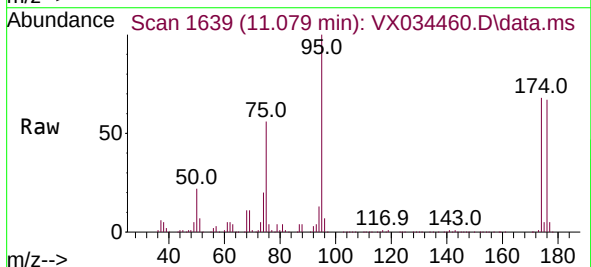
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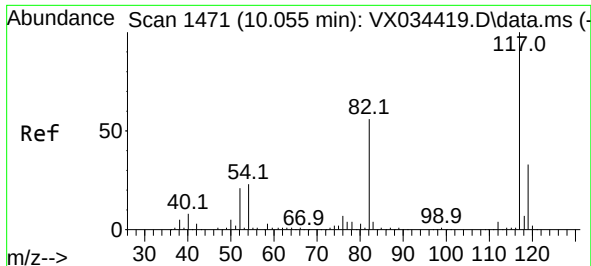
Tgt Ion: 98 Resp: 536662  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 54.519 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

Tgt Ion: 95 Resp: 240708  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 147.4  
176 69.4 0.0 140.6

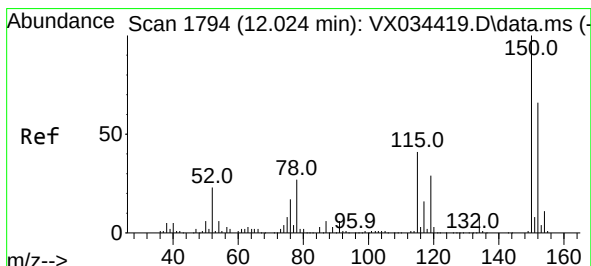
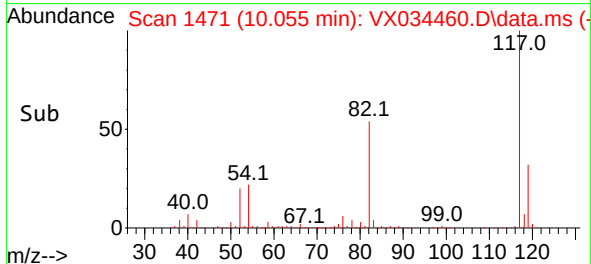
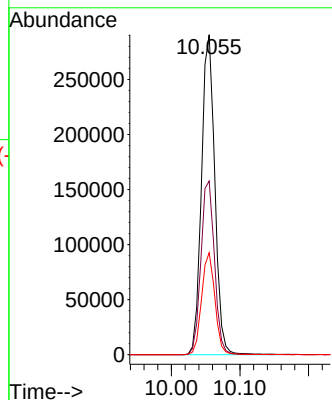
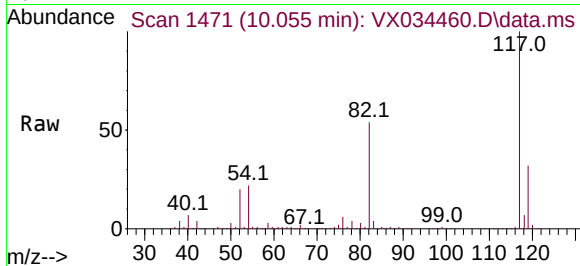




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 393933  
Ion Ratio Lower Upper  
117 100  
82 54.3 45.0 67.4  
119 31.8 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034460.D  
Acq: 14 Mar 2023 13:22

Tgt Ion:152 Resp: 192832  
Ion Ratio Lower Upper  
152 100  
115 63.5 45.0 135.0  
150 154.5 0.0 352.4

