

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090722\  
 Data File : VX031176.D  
 Acq On : 07 Sep 2022 21:56  
 Operator : JC/MD  
 Sample : N4357-08RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D1-20220823RE

Quant Time: Sep 07 23:27:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

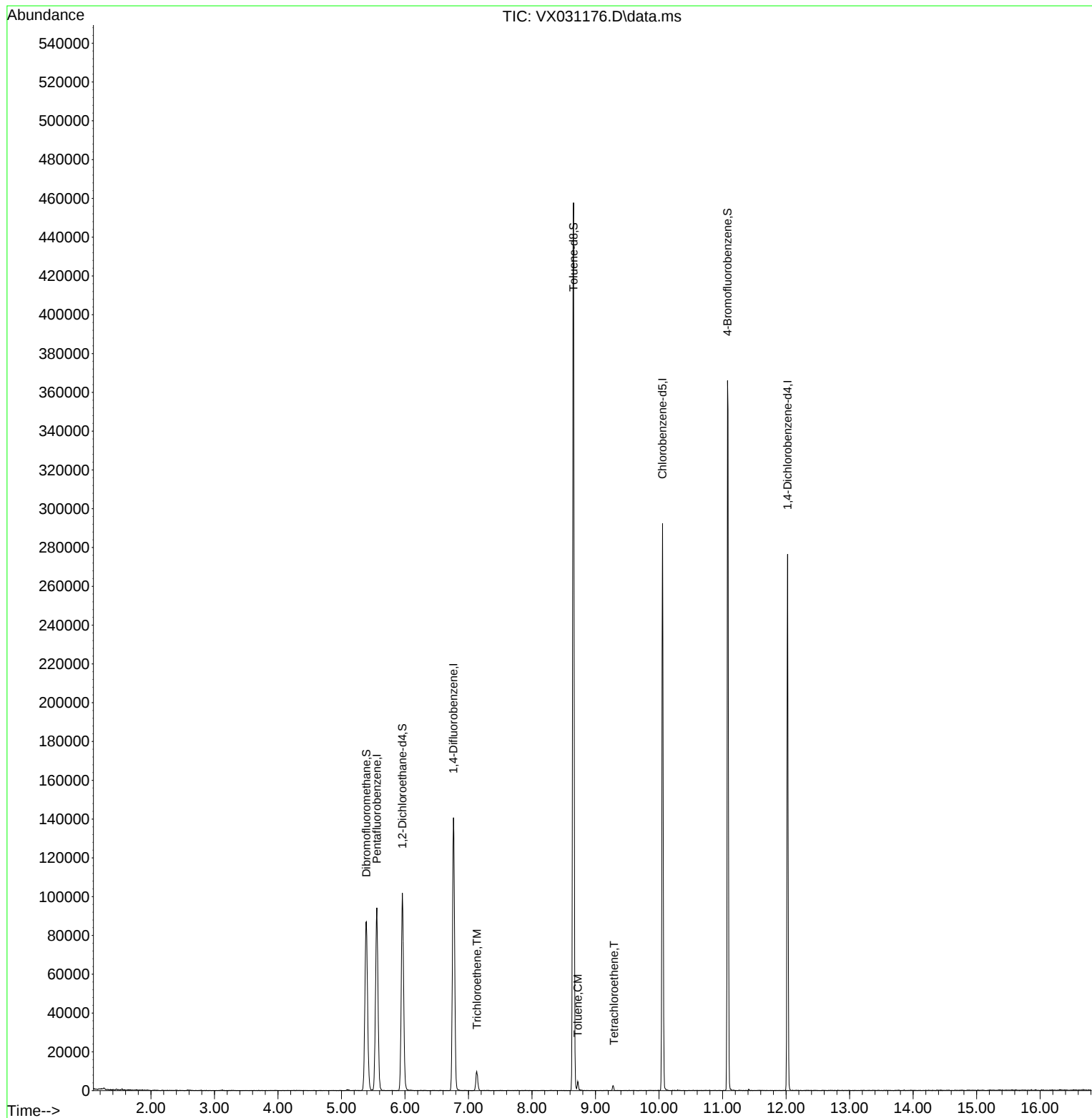
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 76533    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 137276   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 124110   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 51333    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 103952   | 57.370   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 114.740% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 77893    | 52.070   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 104.140% |
| 50) Toluene-d8              | 8.653     | 98    | 268230   | 49.352   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 98.700%  |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 101587   | 51.003   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 102.000% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 44) Trichloroethene         | 7.135     | 130   | 3488     | 2.039    | ug/l   | 95       |
| 52) Toluene                 | 8.720     | 92    | 1588     | 0.396    | ug/l   | 95       |
| 64) Tetrachloroethene       | 9.293     | 164   | 494      | 0.382    | ug/l # | 24       |
| -----                       |           |       |          |          |        |          |

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

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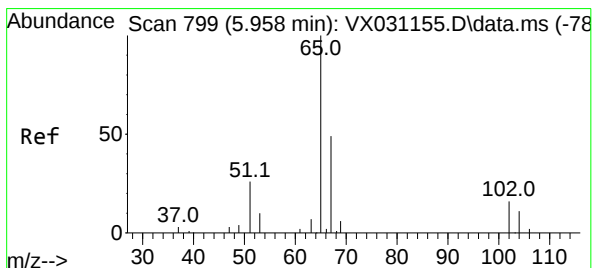
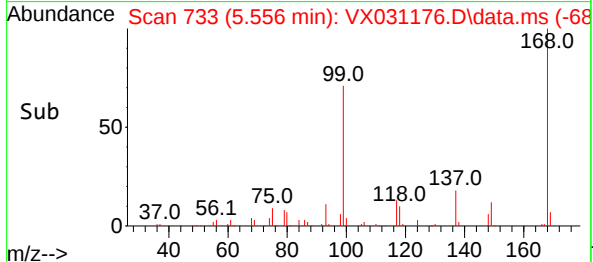
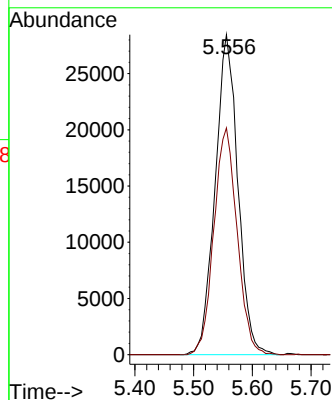
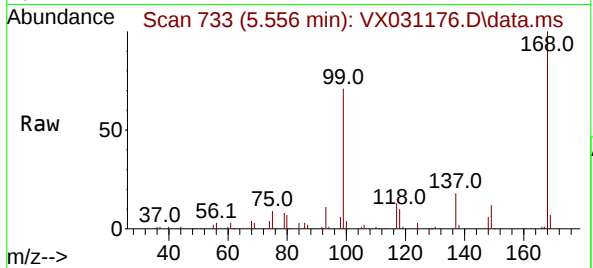




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

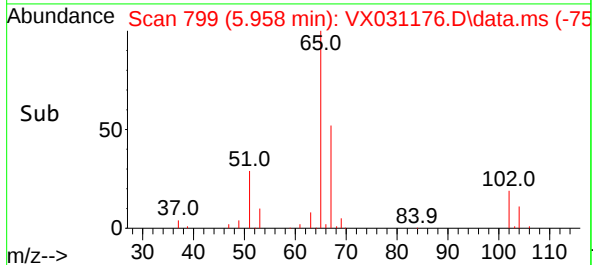
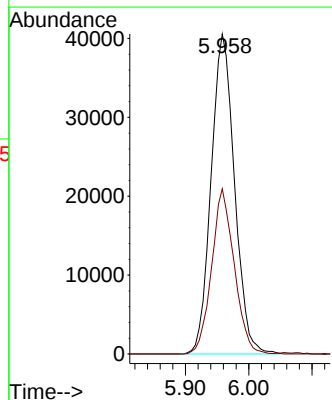
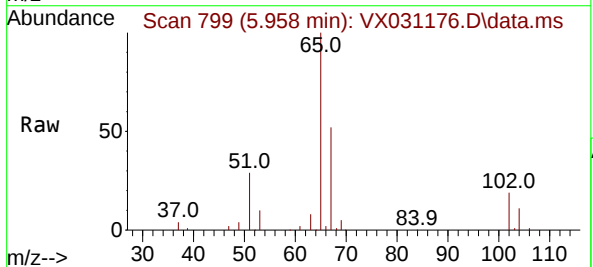
Instrument : MSVOA\_X  
ClientSampleId : RE134D1-20220823RE

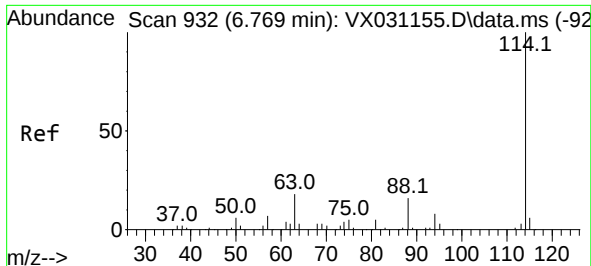
Tgt Ion:168 Resp: 76533  
Ion Ratio Lower Upper  
168 100  
99 70.9 44.0 66.0#



#33  
1,2-Dichloroethane-d4  
Concen: 57.370 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

Tgt Ion: 65 Resp: 103952  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 109.6

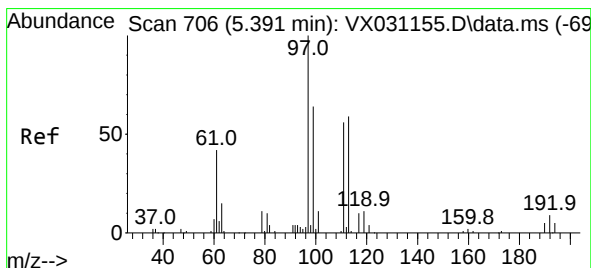
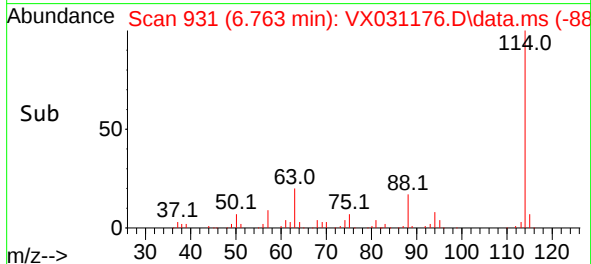
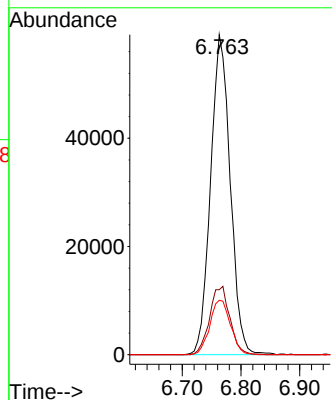
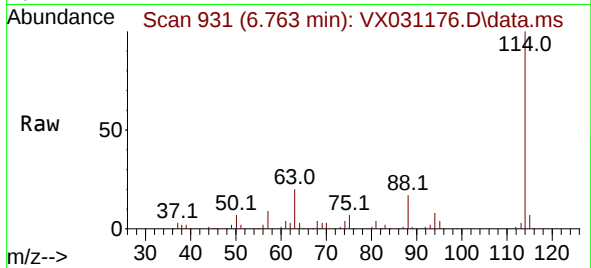




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

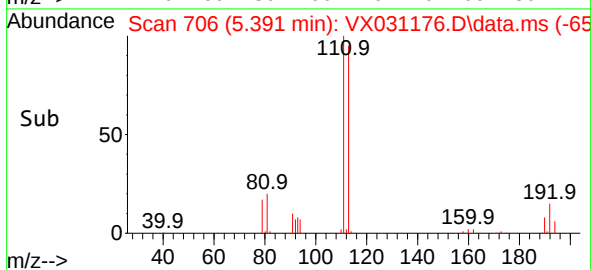
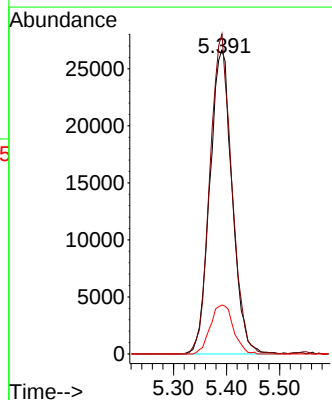
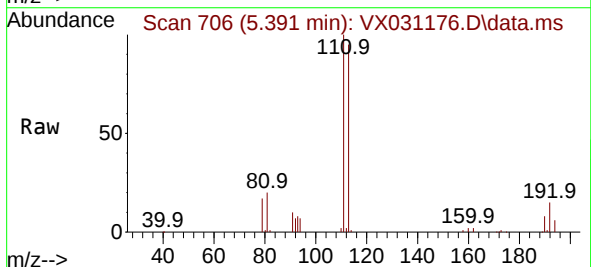
Instrument :  
MSVOA\_X  
ClientSampleId :  
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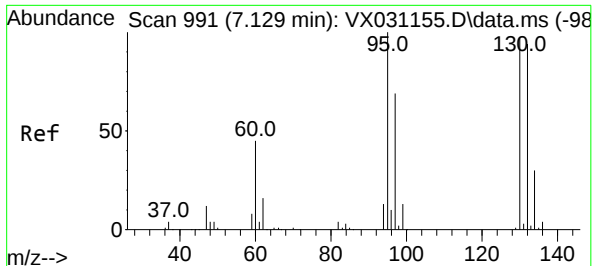
Tgt Ion:114 Resp: 137276  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 38.4  
88 17.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 52.070 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

Tgt Ion:113 Resp: 77893  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.2 124.8  
192 16.6 14.8 22.2

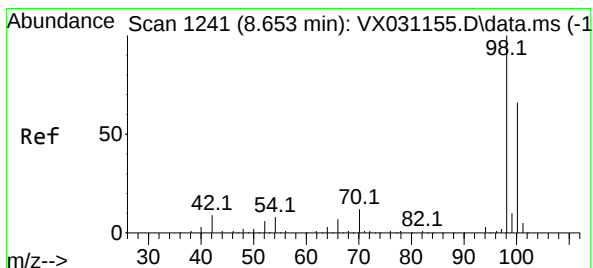
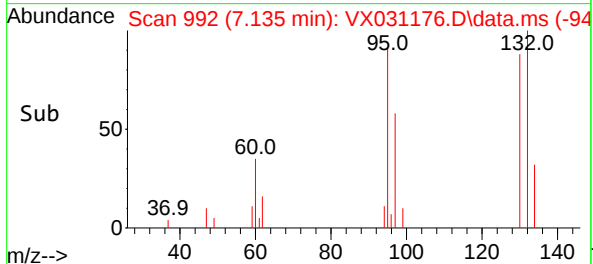
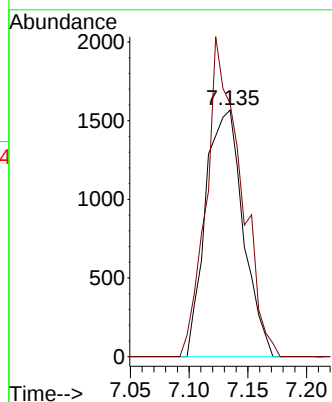
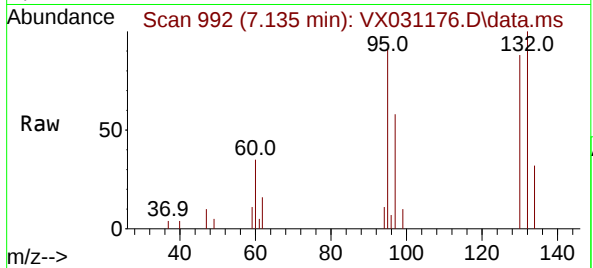




#44  
Trichloroethene  
Concen: 2.039 ug/l  
RT: 7.135 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

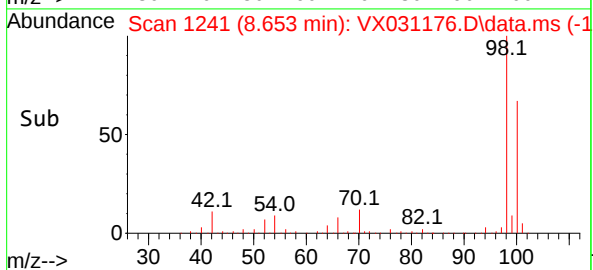
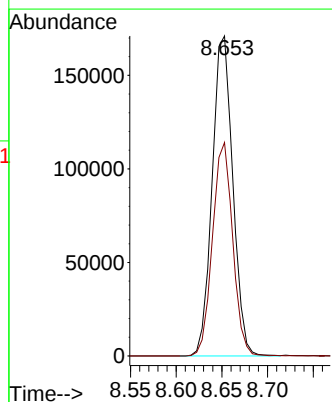
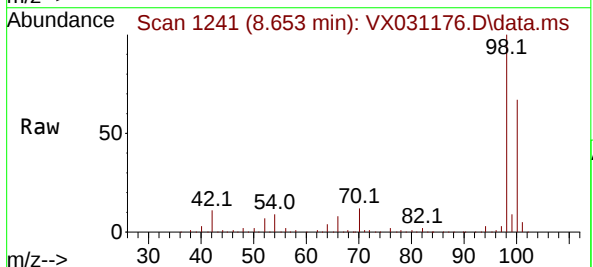
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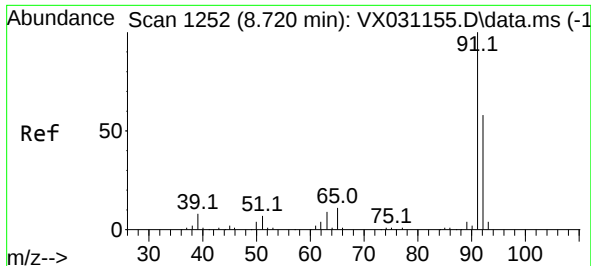
Tgt Ion:130 Resp: 3488  
Ion Ratio Lower Upper  
130 100  
95 102.6 0.0 194.8



#50  
Toluene-d8  
Concen: 49.352 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

Tgt Ion: 98 Resp: 268230  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.3 78.5

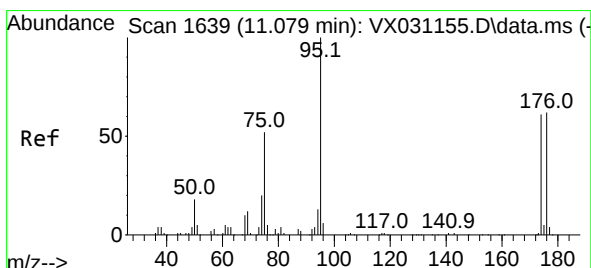
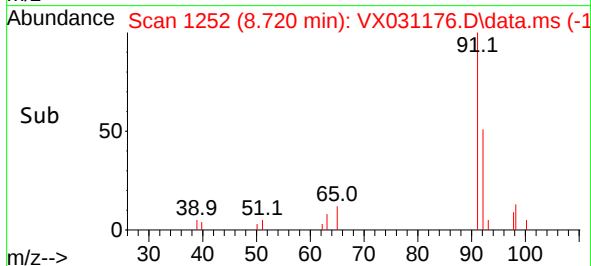
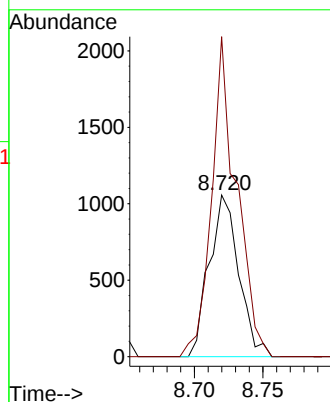
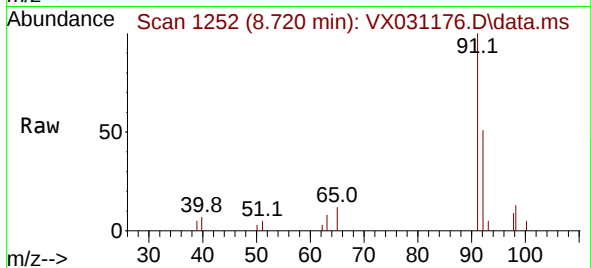




#52  
Toluene  
Concen: 0.396 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

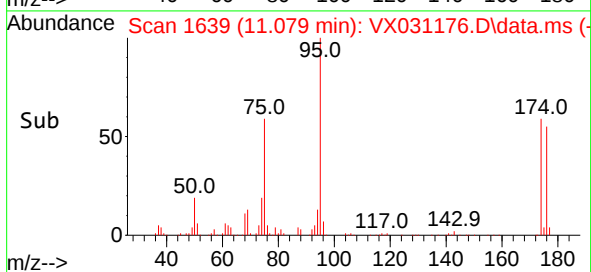
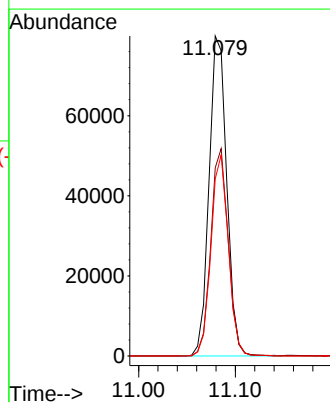
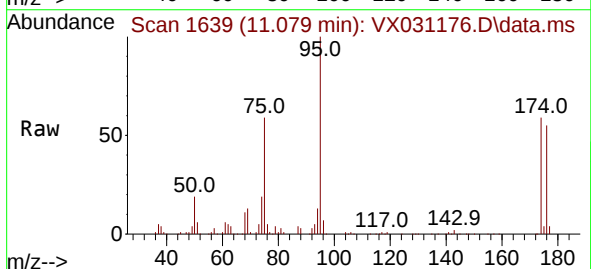
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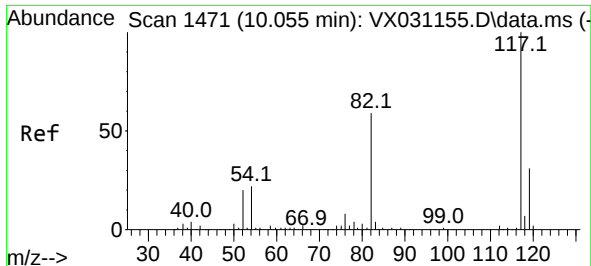
Tgt Ion: 92 Resp: 1588  
Ion Ratio Lower Upper  
92 100  
91 166.7 139.2 208.8



#62  
4-Bromofluorobenzene  
Concen: 51.003 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

Tgt Ion: 95 Resp: 101587  
Ion Ratio Lower Upper  
95 100  
174 64.1 0.0 149.0  
176 61.6 0.0 146.0

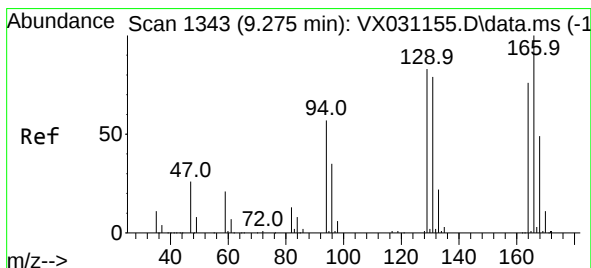
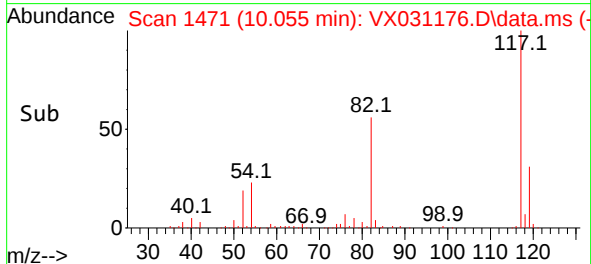
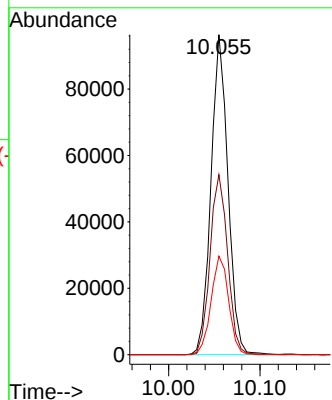
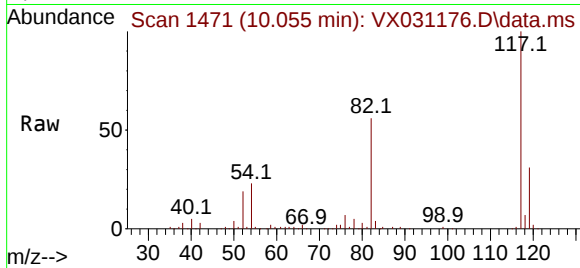




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

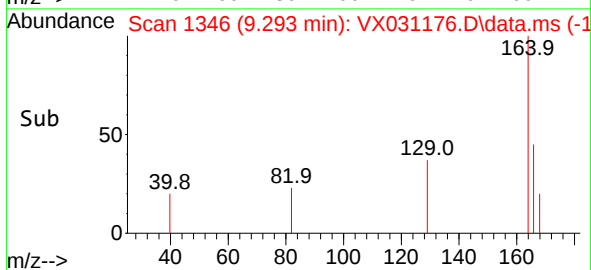
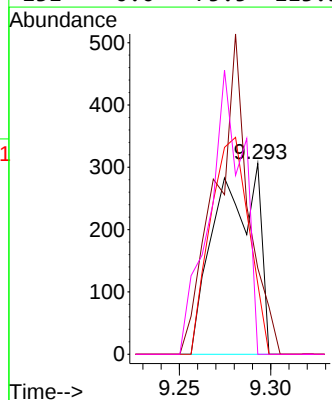
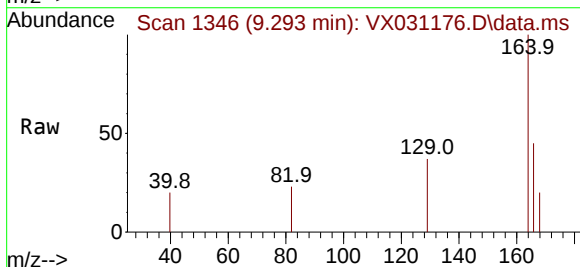
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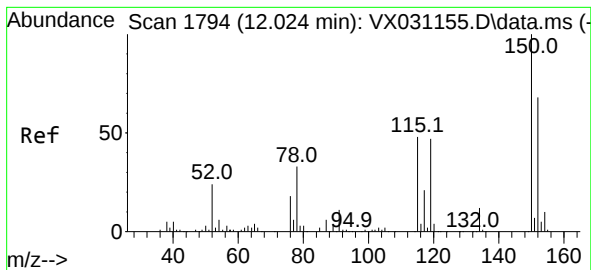
Tgt Ion:117 Resp: 124110  
Ion Ratio Lower Upper  
117 100  
82 56.2 42.7 64.1  
119 30.8 25.4 38.2



#64  
Tetrachloroethene  
Concen: 0.382 ug/l  
RT: 9.293 min Scan# 1346  
Delta R.T. 0.018 min  
Lab File: VX031176.D  
Acq: 07 Sep 2022 21:56

Tgt Ion:164 Resp: 494  
Ion Ratio Lower Upper  
164 100  
166 45.1 98.2 147.4#  
129 36.9 80.8 121.2#  
131 0.0 75.5 113.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031176.D

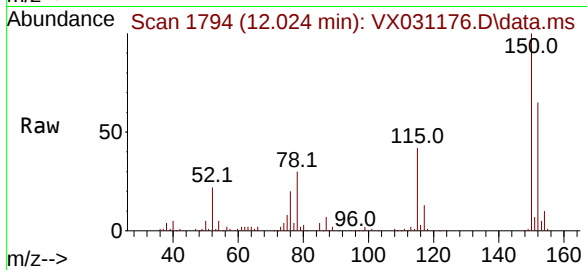
Acq: 07 Sep 2022 21:56

Instrument :

MSVOA\_X

ClientSampleId :

RE134D1-20220823RE



Tgt Ion:152 Resp: 51333

Ion Ratio Lower Upper

152 100

115 68.2 40.5 121.5

150 154.9 0.0 347.0

