

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090722\  
 Data File : VX031171.D  
 Acq On : 07 Sep 2022 19:59  
 Operator : JC/MD  
 Sample : N4357-11DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW4-20220823DL

Quant Time: Sep 07 23:26:57 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

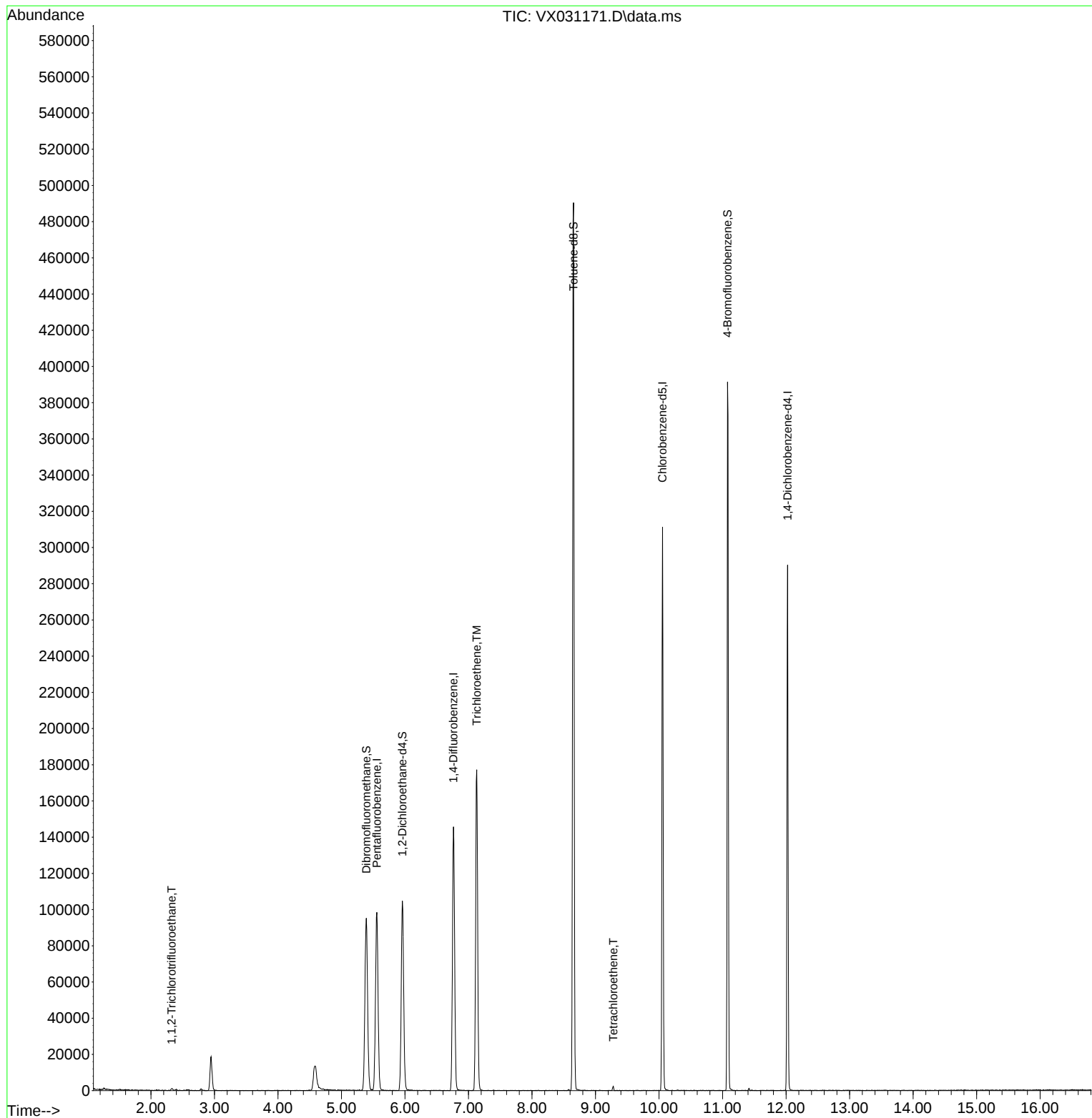
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556     | 168   | 85688    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 149449   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 135746   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 56763    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 110492   | 54.464   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | = 108.920% |          |
| 35) Dibromofluoromethane     | 5.391     | 113   | 84196    | 51.699   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 103.400% |          |
| 50) Toluene-d8               | 8.653     | 98    | 297912   | 50.348   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | = 100.700% |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 111406   | 51.377   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | = 102.760% |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          |            | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 531      | 0.345    | ug/l       | # 86     |
| 44) Trichloroethene          | 7.129     | 130   | 69424    | 37.277   | ug/l       | 95       |
| 64) Tetrachloroethene        | 9.281     | 164   | 467      | 0.330    | ug/l       | # 82     |
| -----                        |           |       |          |          |            |          |

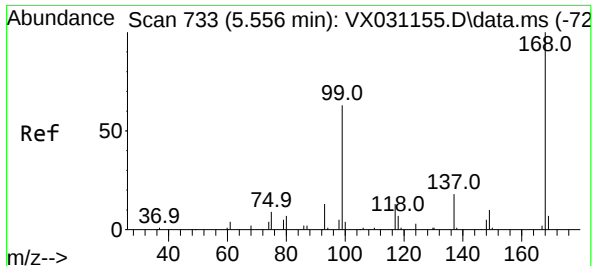
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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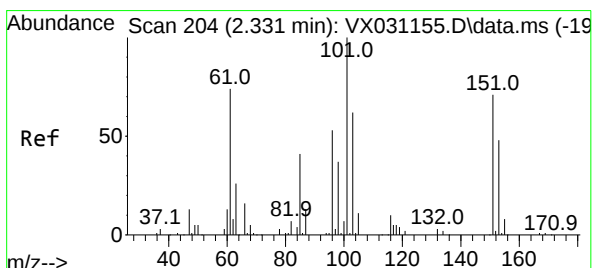
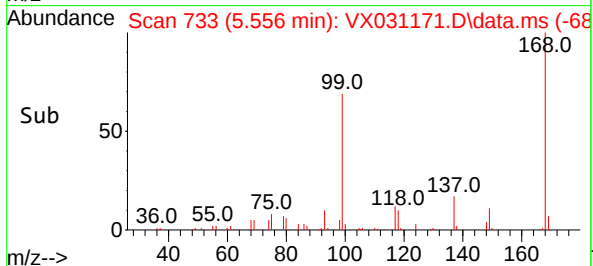
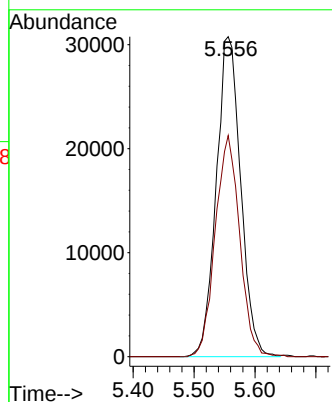
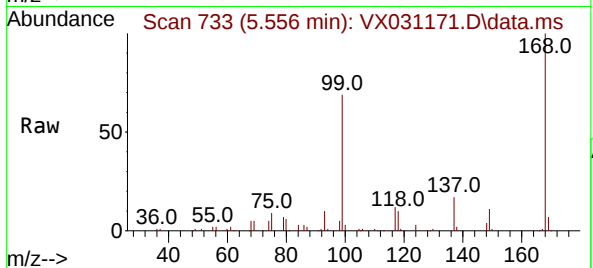




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

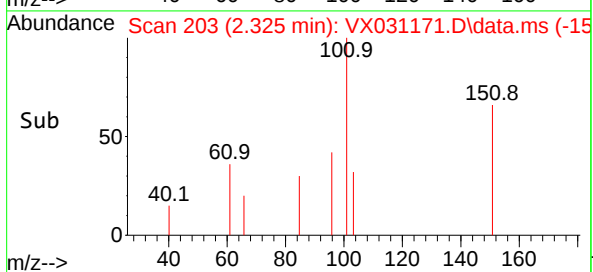
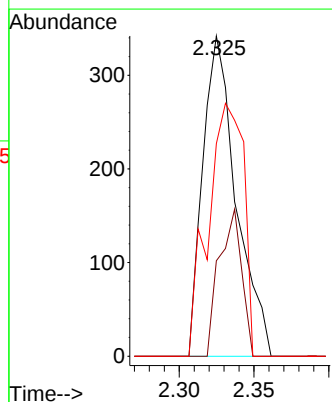
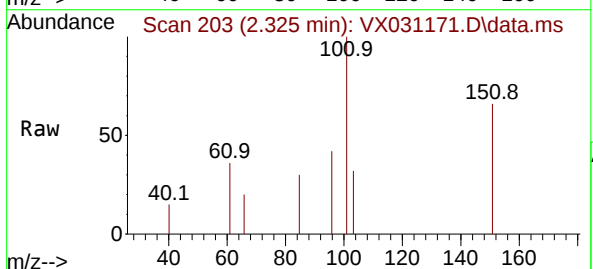
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW4-20220823DL

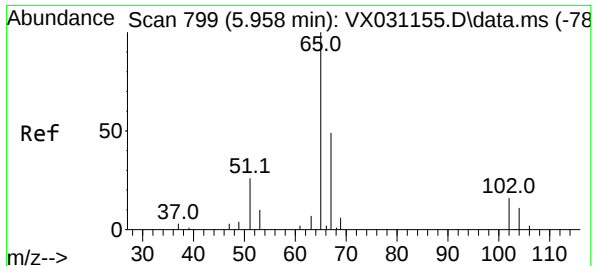
Tgt Ion:168 Resp: 85688  
Ion Ratio Lower Upper  
168 100  
99 69.1 44.0 66.0#



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.345 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

Tgt Ion:101 Resp: 531  
Ion Ratio Lower Upper  
101 100  
85 30.9 34.0 51.0#  
151 83.8 59.4 89.0

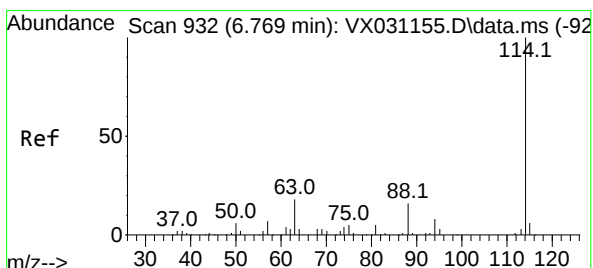
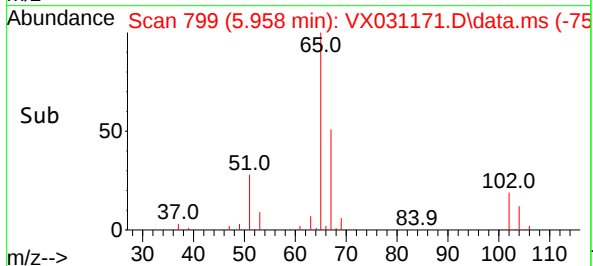
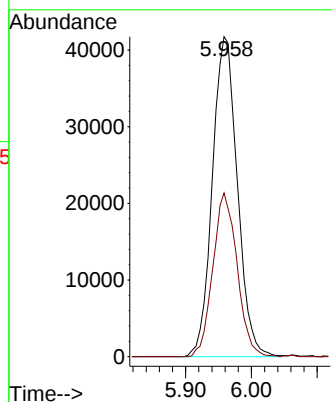
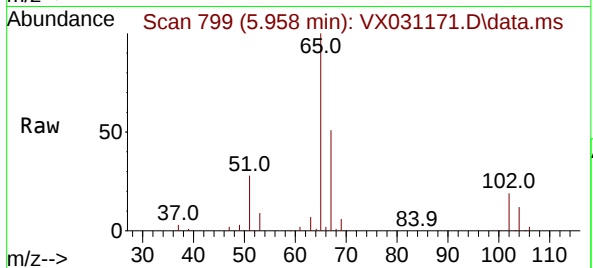




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.464 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX031171.D  
 Acq: 07 Sep 2022 19:59

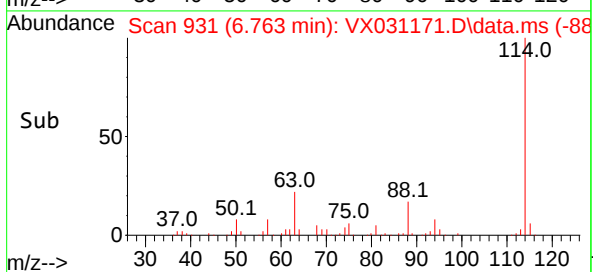
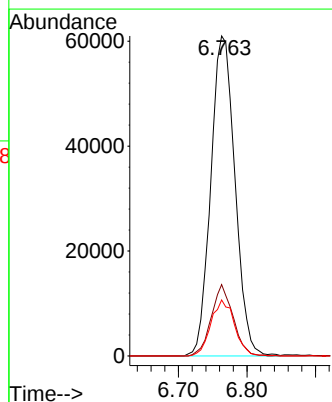
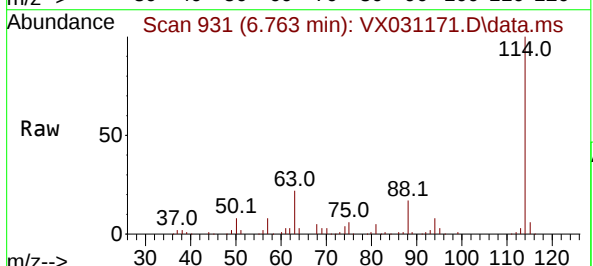
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW4-20220823DL

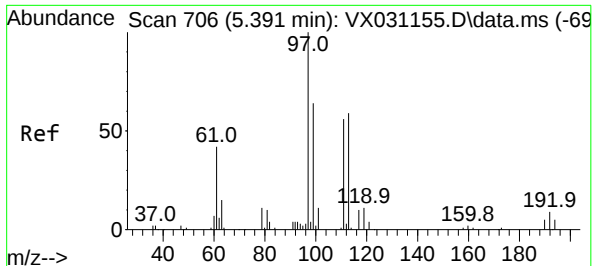
Tgt Ion: 65 Resp: 110492  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.006 min  
 Lab File: VX031171.D  
 Acq: 07 Sep 2022 19:59

Tgt Ion: 114 Resp: 149449  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 38.4  
 88 17.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.699 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031171.D

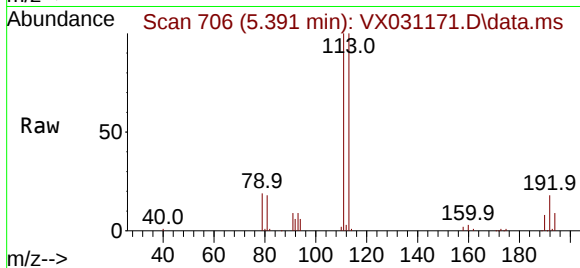
Acq: 07 Sep 2022 19:59

Instrument :

MSVOA\_X

ClientSampleId :

RW4-20220823DL



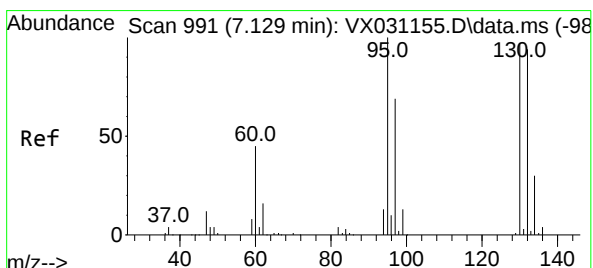
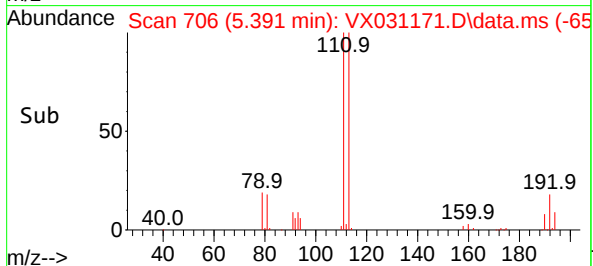
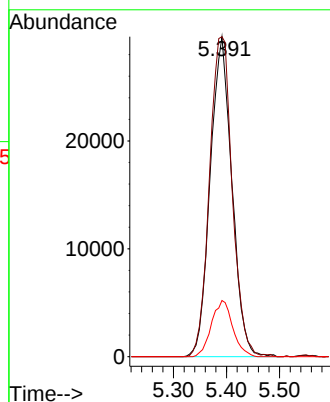
Tgt Ion:113 Resp: 84196

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 17.2 14.8 22.2



#44

Trichloroethene

Concen: 37.277 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031171.D

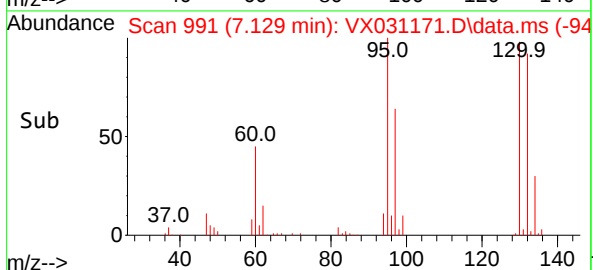
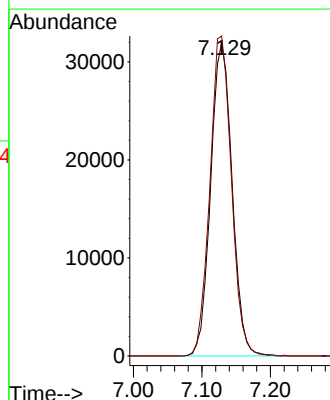
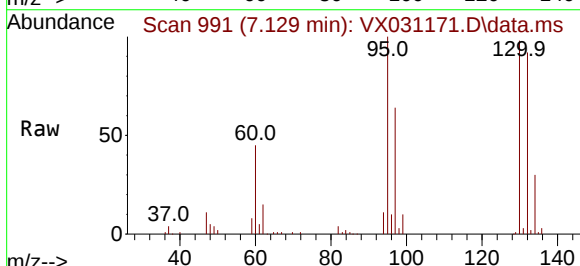
Acq: 07 Sep 2022 19:59

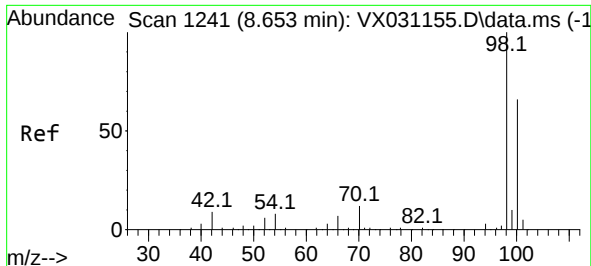
Tgt Ion:130 Resp: 69424

Ion Ratio Lower Upper

130 100

95 102.2 0.0 194.8

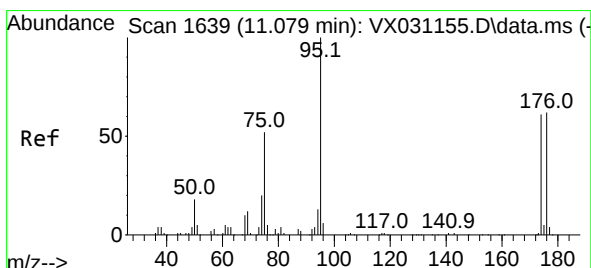
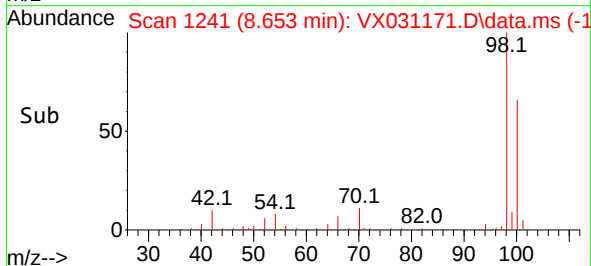
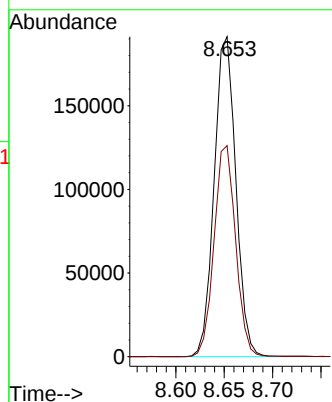
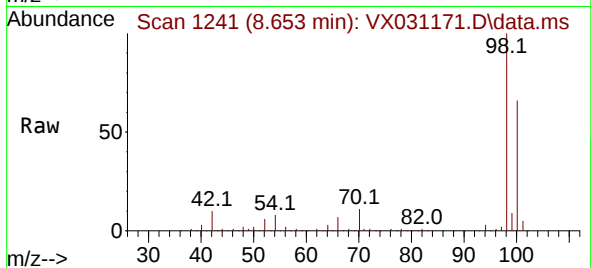




#50  
Toluene-d8  
Concen: 50.348 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

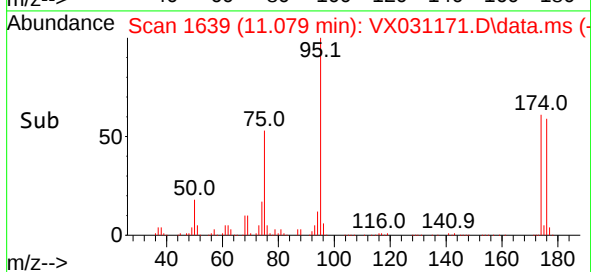
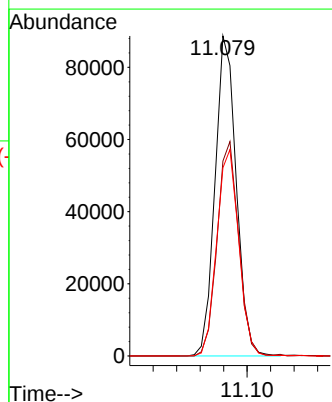
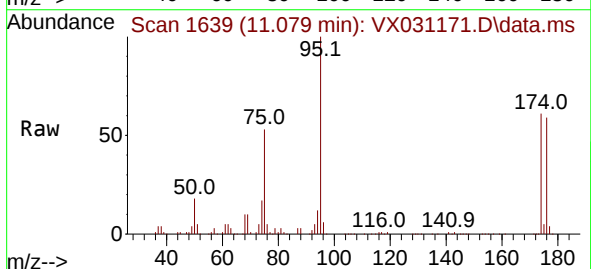
Instrument :  
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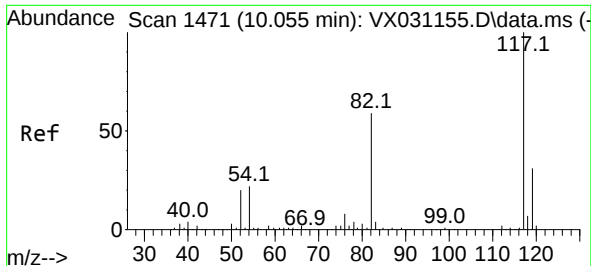
Tgt Ion: 98 Resp: 297912  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 51.377 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

Tgt Ion: 95 Resp: 111406  
Ion Ratio Lower Upper  
95 100  
174 68.1 0.0 149.0  
176 66.7 0.0 146.0

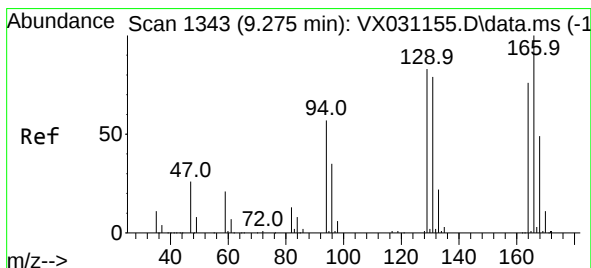
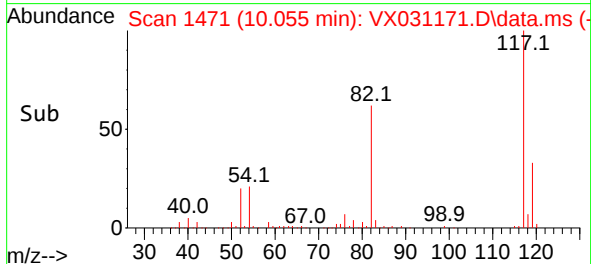
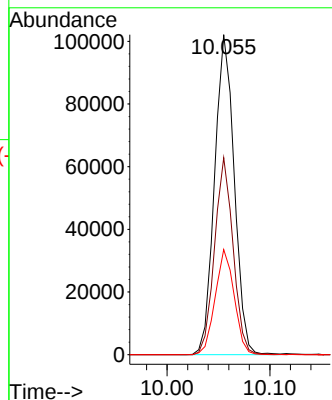
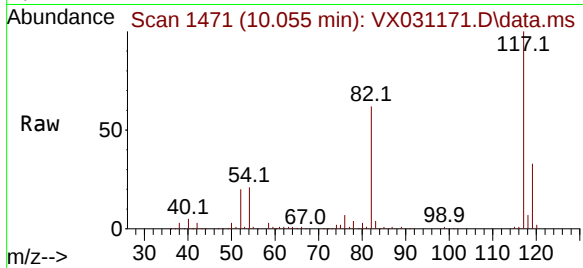




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

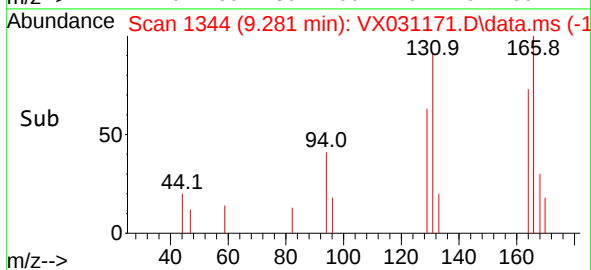
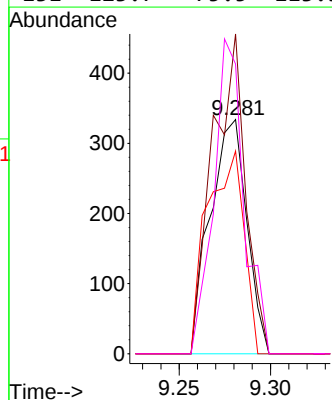
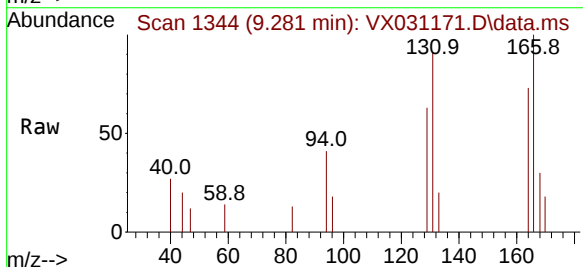
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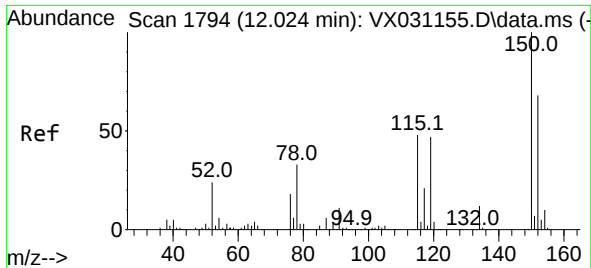
Tgt Ion:117 Resp: 135746  
Ion Ratio Lower Upper  
117 100  
82 61.6 42.7 64.1  
119 32.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 0.330 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX031171.D  
Acq: 07 Sep 2022 19:59

Tgt Ion:164 Resp: 467  
Ion Ratio Lower Upper  
164 100  
166 136.5 98.2 147.4  
129 86.5 80.8 121.2  
131 123.7 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: VX031171.D

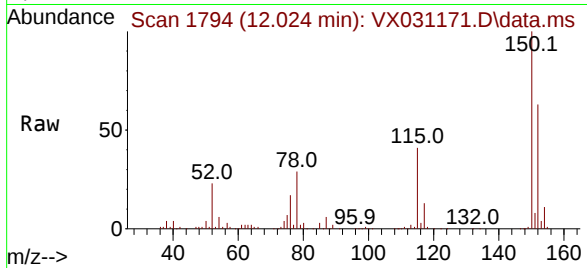
Acq: 07 Sep 2022 19:59

Instrument :

MSVOA\_X

ClientSampleId :

RW4-20220823DL



Tgt Ion:152 Resp: 56763

Ion Ratio Lower Upper

152 100

115 66.6 40.5 121.5

150 158.9 0.0 347.0

