

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100324\  
 Data File : VX043262.D  
 Acq On : 03 Oct 2024 15:12  
 Operator : JC/MD  
 Sample : P4231-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW10-MW01D-20240926

Quant Time: Oct 04 01:33:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

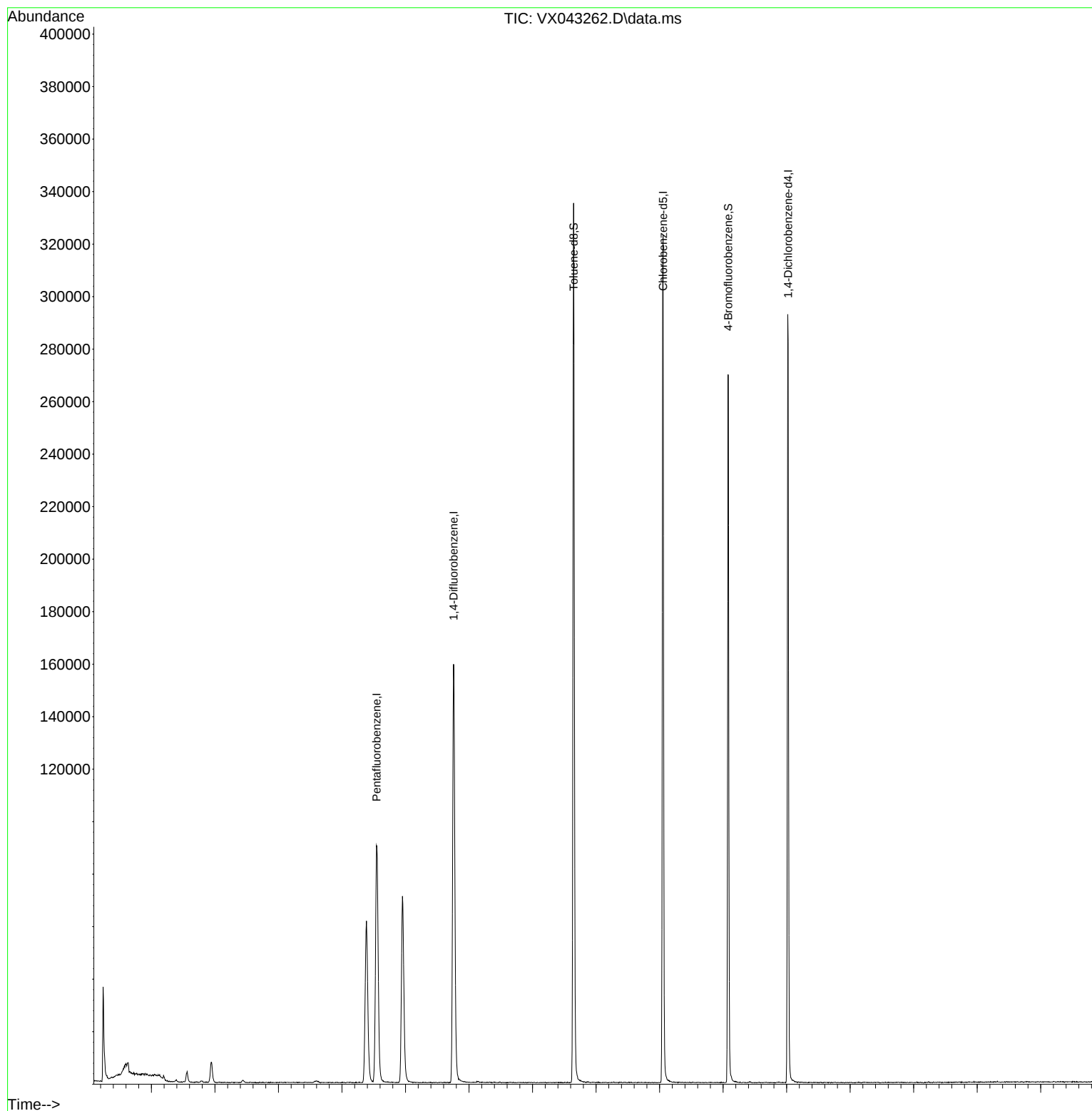
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min)  |
|-----------------------------|----------------|------|---------------------|--------|-------|-----------|
| -----                       |                |      |                     |        |       |           |
| Internal Standards          |                |      |                     |        |       |           |
| 1) Pentafluorobenzene       | 5.544          | 168  | 83303               | 50.000 | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 160884              | 50.000 | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 143569              | 50.000 | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 59812               | 50.000 | ug/l  | 0.00      |
|                             |                |      |                     |        |       |           |
| System Monitoring Compounds |                |      |                     |        |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 73267               | 53.854 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 107.700% |        |       |           |
| 35) Dibromofluoromethane    | 5.385          | 113  | 53526               | 48.242 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 96.480%  |        |       |           |
| 50) Toluene-d8              | 8.647          | 98   | 194233              | 50.516 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 101.040% |        |       |           |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 69757               | 49.938 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 99.880%  |        |       |           |
|                             |                |      |                     |        |       |           |
| Target Compounds            |                |      |                     |        |       |           |
| 16) Acetone                 | 2.392          | 43   | 1037                | 1.825  | ug/l  | Qvalue 93 |
| -----                       |                |      |                     |        |       |           |

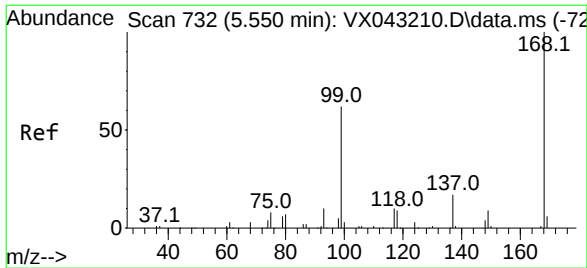
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01D-20240926

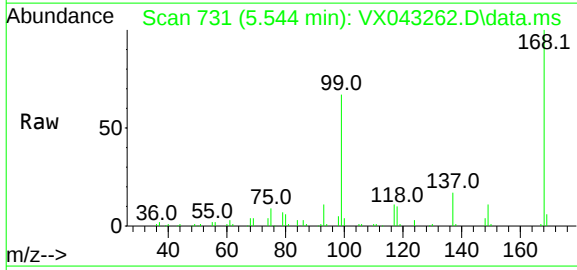
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration



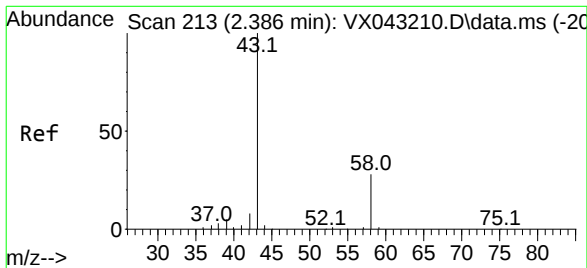
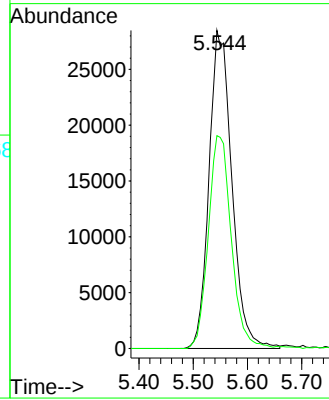
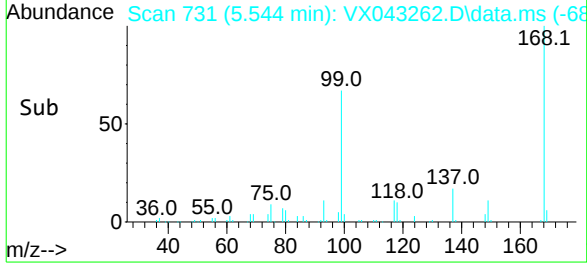


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01D-20240926

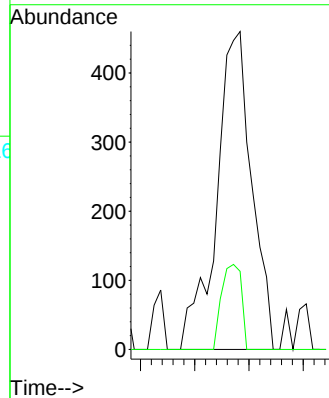
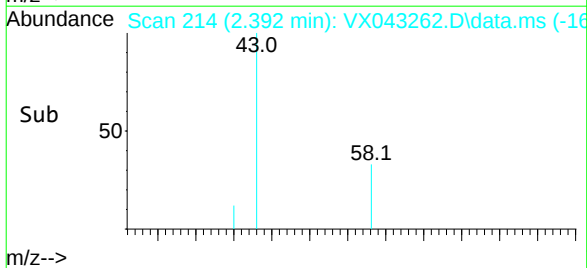
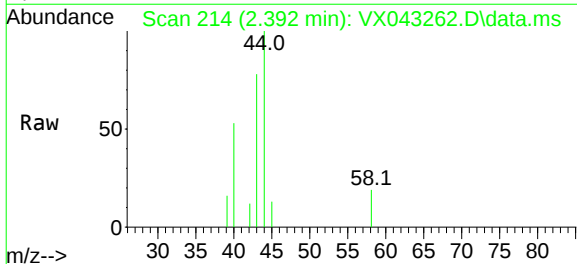


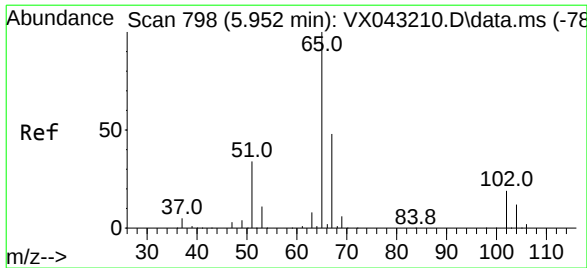
Tgt Ion: 168 Resp: 83303  
Ion Ratio Lower Upper  
168 100  
99 66.9 49.7 74.5



#16  
Acetone  
Concen: 1.825 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

Tgt Ion: 43 Resp: 1037  
Ion Ratio Lower Upper  
43 100  
58 24.6 22.6 33.8

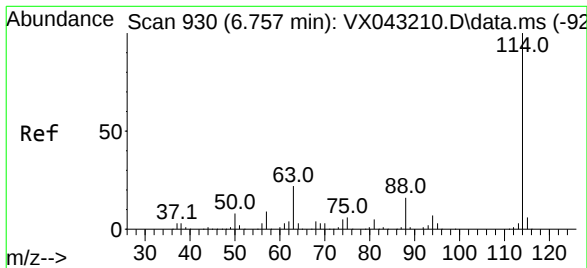
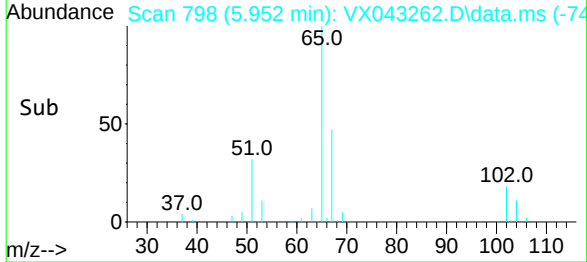
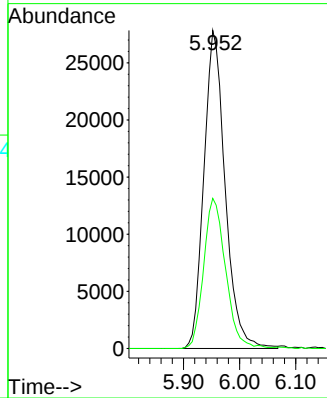
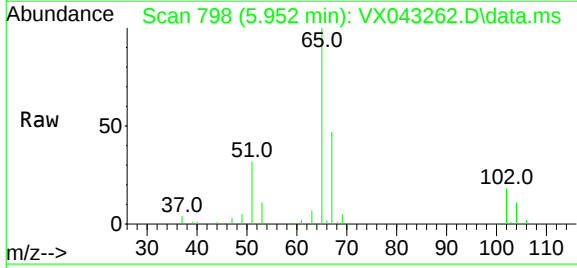




#33  
1,2-Dichloroethane-d4  
Concen: 53.854 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

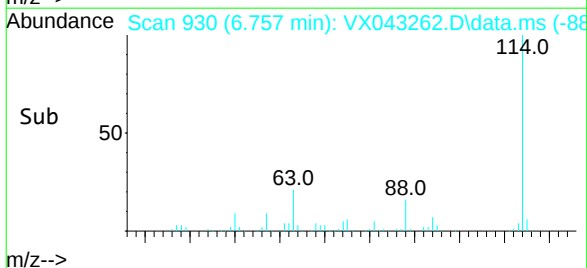
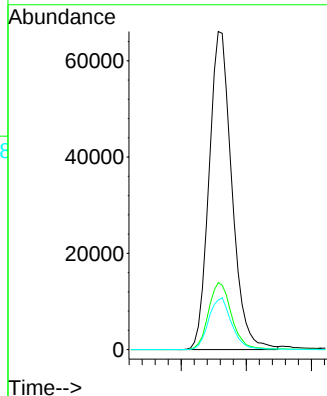
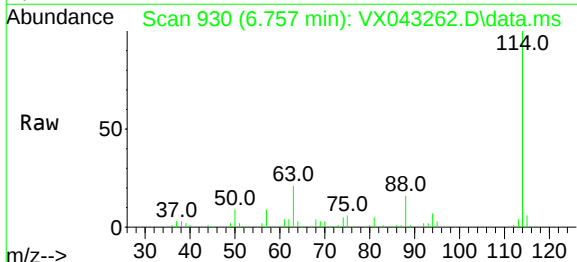
Instrument :  
MSVOA\_X  
ClientSampleId :  
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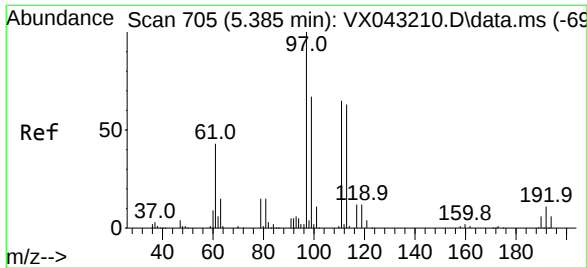
Tgt Ion: 65 Resp: 73267  
Ion Ratio Lower Upper  
65 100  
67 48.7 0.0 99.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

Tgt Ion: 114 Resp: 160884  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 43.0  
88 15.6 0.0 33.0

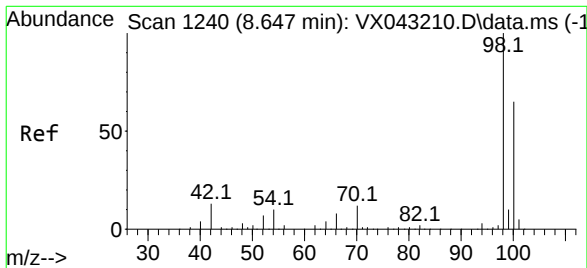
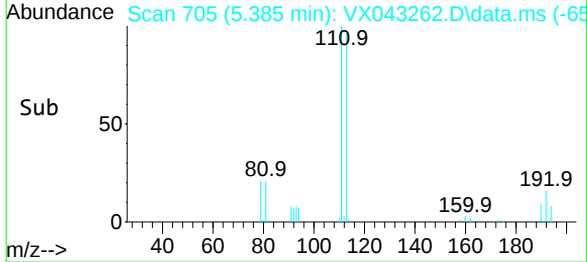
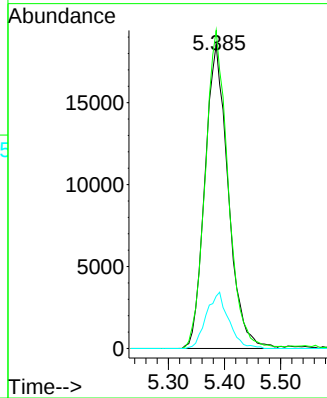
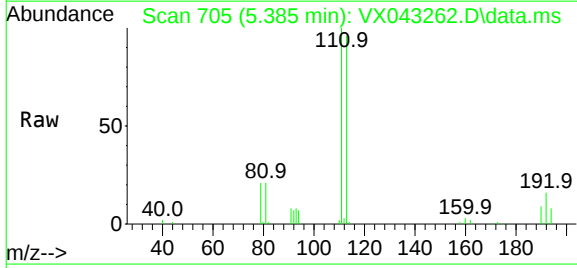




#35  
Dibromofluoromethane  
Concen: 48.242 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

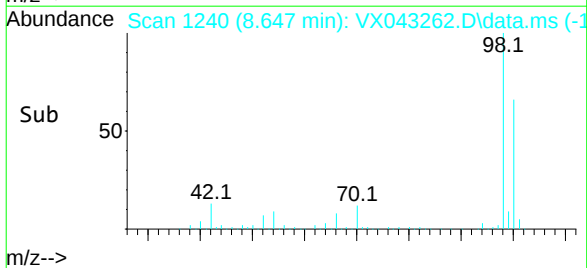
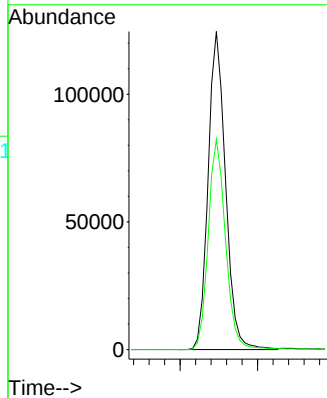
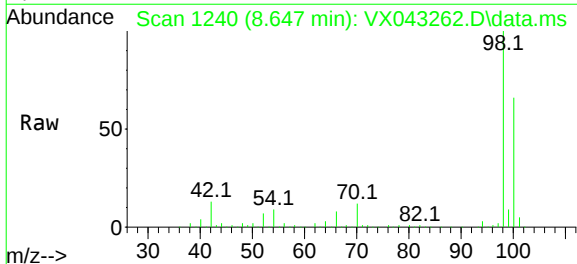
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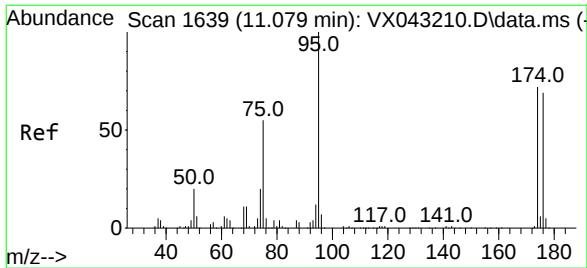
Tgt Ion: 113 Resp: 53526  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.4 125.0  
192 17.9 14.1 21.1



#50  
Toluene-d8  
Concen: 50.516 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX043262.D  
Acq: 03 Oct 2024 15:12

Tgt Ion: 98 Resp: 194233  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 49.938 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043262.D

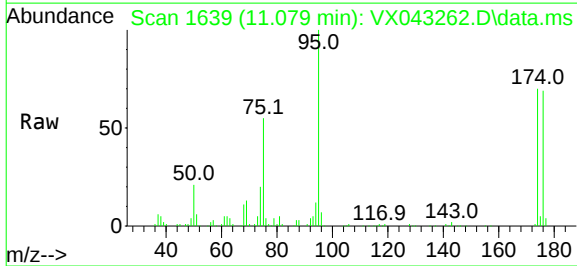
Acq: 03 Oct 2024 15:12

Instrument :

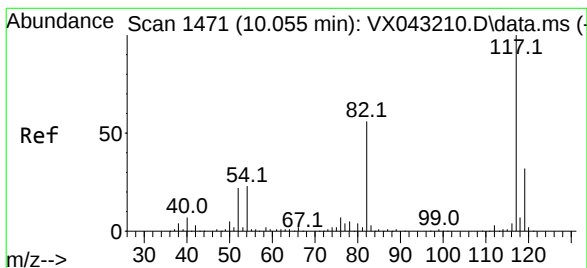
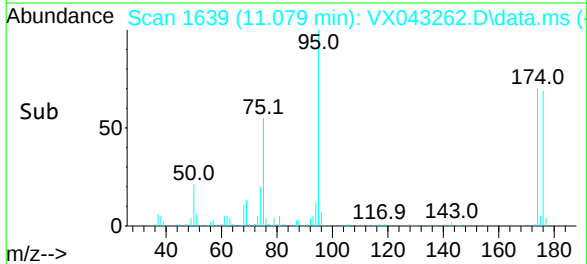
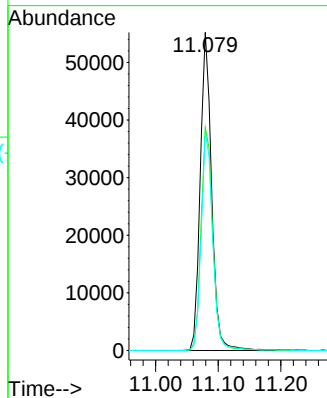
MSVOA\_X

ClientSampleId :

RW10-MW01D-20240926



| Tgt Ion:  | 95    | Resp: | 69757 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 72.6  | 0.0   | 145.0 |
| 176       | 69.5  | 0.0   | 143.0 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

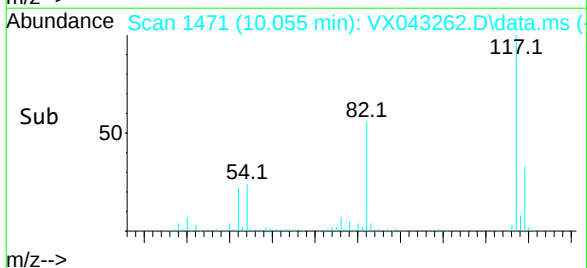
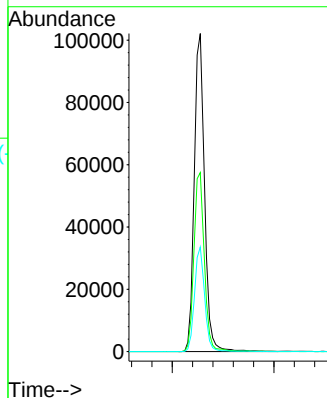
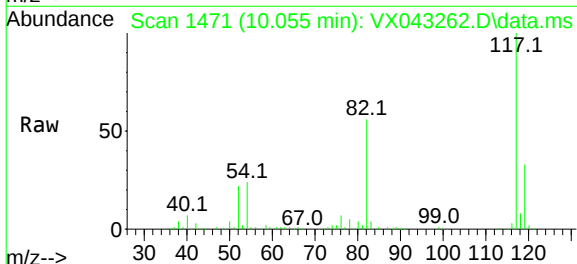
RT: 10.055 min Scan# 1471

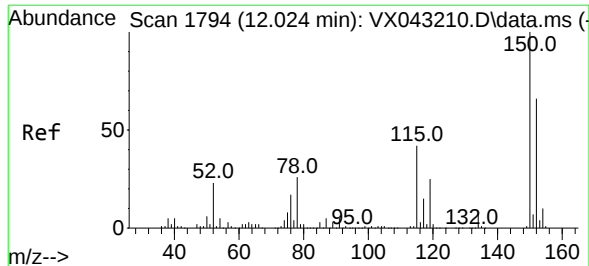
Delta R.T. -0.000 min

Lab File: VX043262.D

Acq: 03 Oct 2024 15:12

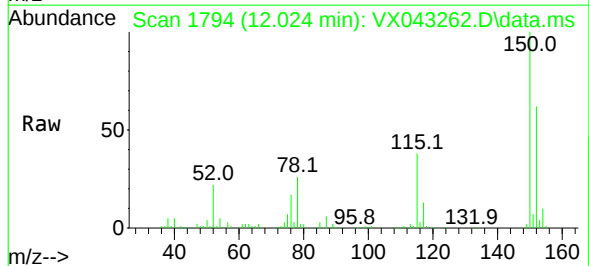
| Tgt Ion:  | 117   | Resp: | 143569 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 56.3  | 45.0  | 67.6   |
| 119       | 32.9  | 25.3  | 37.9   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX043262.D  
 Acq: 03 Oct 2024 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW10-MW01D-20240926



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 59812 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.9  | 44.1  | 132.3 |
| 150      | 160.0 | 0.0   | 347.4 |

