

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100724\  
 Data File : VX043307.D  
 Acq On : 07 Oct 2024 12:16  
 Operator : JC/MD  
 Sample : P4263-01DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE115D1-20240930DL

Quant Time: Oct 08 01:44:27 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

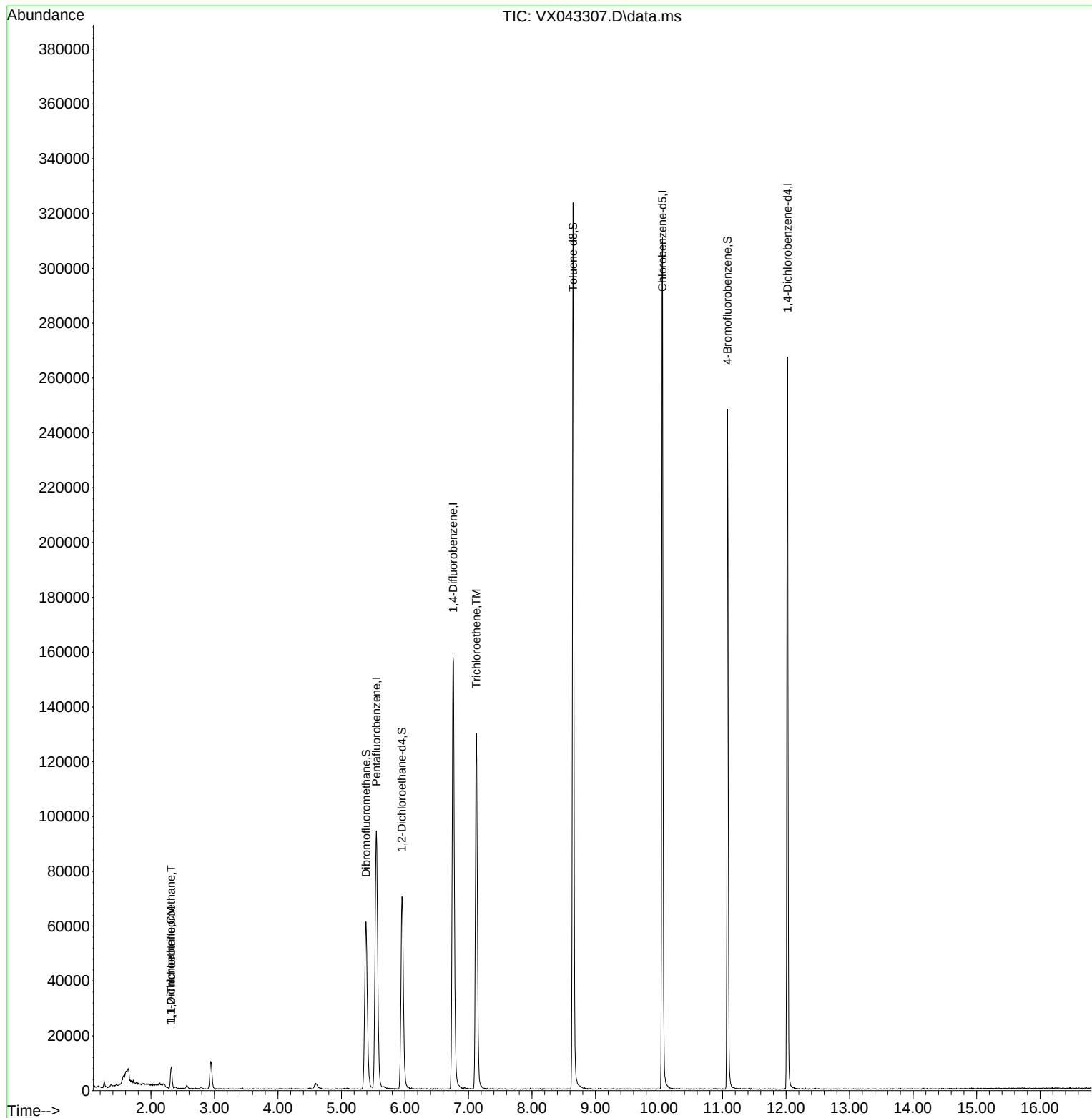
| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------|----------|
| -----                        |           |       |          |          |       |          |
| Internal Standards           |           |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.550     | 168   | 85230    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 160451   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 139774   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 57451    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65    | 73276    | 52.643   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | =     | 105.280% |
| 35) Dibromofluoromethane     | 5.385     | 113   | 53776    | 48.599   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =     | 97.200%  |
| 50) Toluene-d8               | 8.647     | 98    | 191159   | 49.850   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | =     | 99.700%  |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 67405    | 48.385   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 77 - 121 | Recovery | =     | 96.760%  |
| Target Compounds             |           |       |          |          |       |          |
|                              |           |       |          |          |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.319     | 101   | 2354     | 2.469    | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 2.313     | 96    | 849      | 0.897    | ug/l  | 91       |
| 44) Trichloroethene          | 7.123     | 130   | 49188    | 43.756   | ug/l  | 89       |
| -----                        |           |       |          |          |       |          |

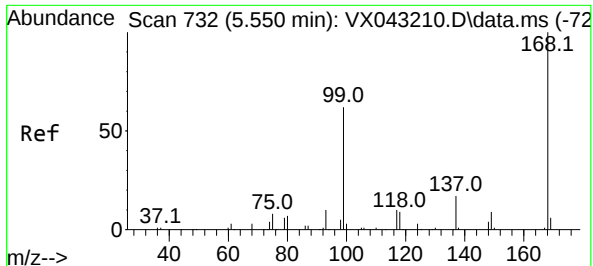
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

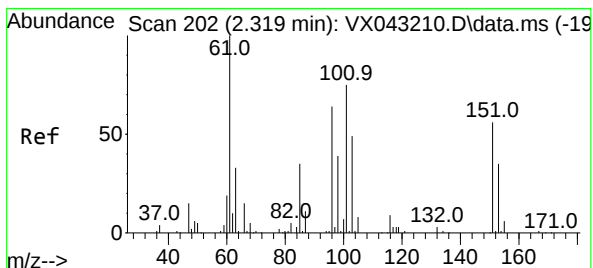
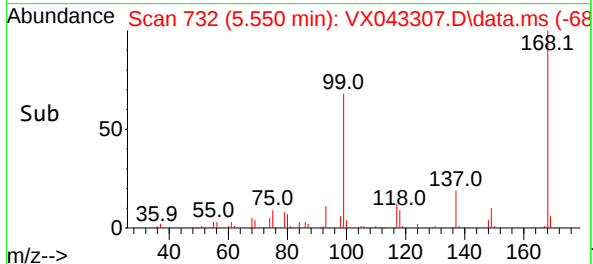
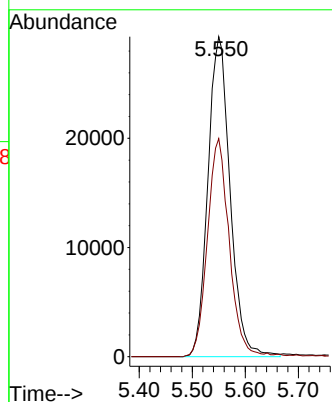
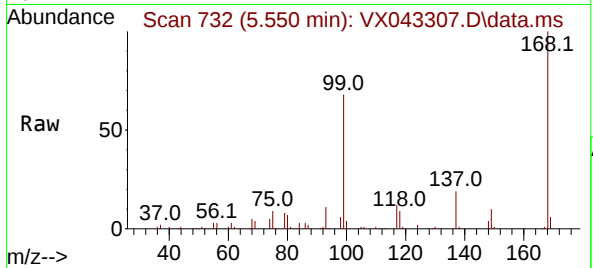




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

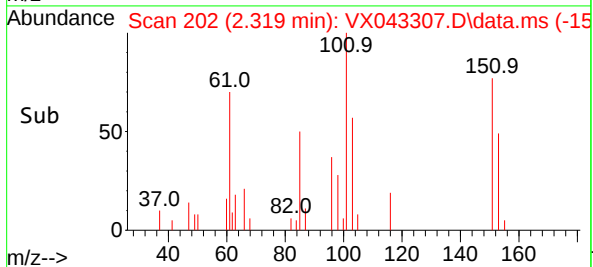
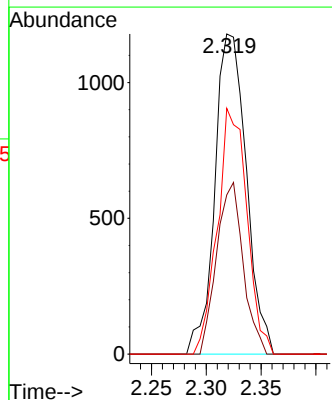
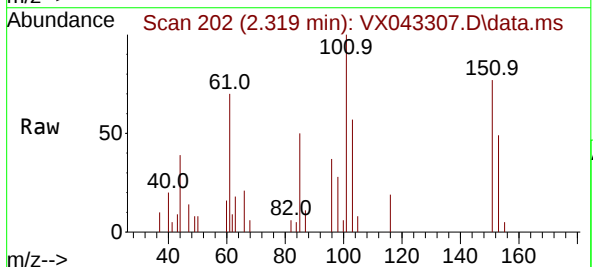
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE115D1-20240930DL

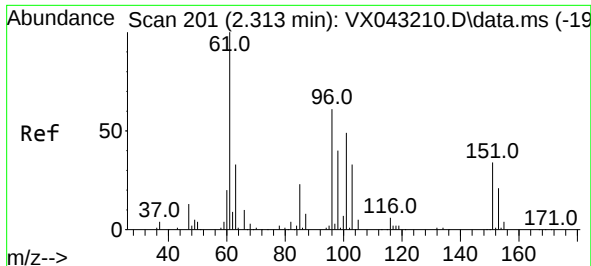
Tgt Ion:168 Resp: 85230  
Ion Ratio Lower Upper  
168 100  
99 68.2 49.7 74.5



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.469 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

Tgt Ion:101 Resp: 2354  
Ion Ratio Lower Upper  
101 100  
85 45.2 37.0 55.6  
151 72.0 60.0 90.0





#12

1,1-Dichloroethene

Concen: 0.897 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX043307.D

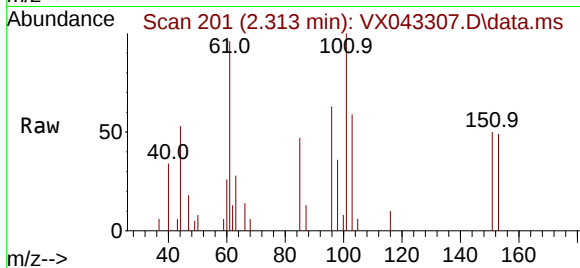
Acq: 07 Oct 2024 12:16

Instrument :

MSVOA\_X

ClientSampleId :

RE115D1-20240930DL



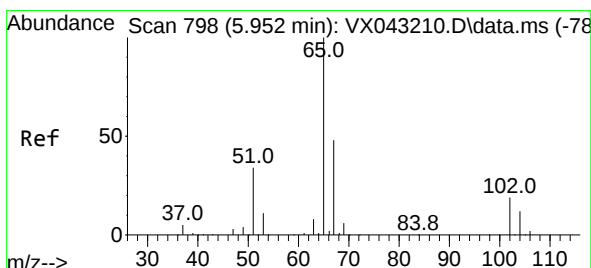
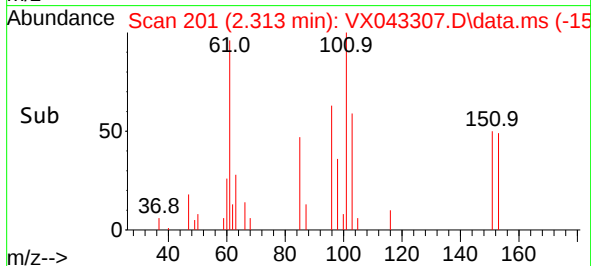
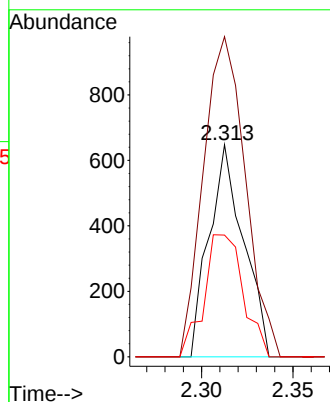
Tgt Ion: 96 Resp: 849

Ion Ratio Lower Upper

96 100

61 150.9 130.6 195.8

98 57.4 51.7 77.5



#33

1,2-Dichloroethane-d4

Concen: 52.643 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043307.D

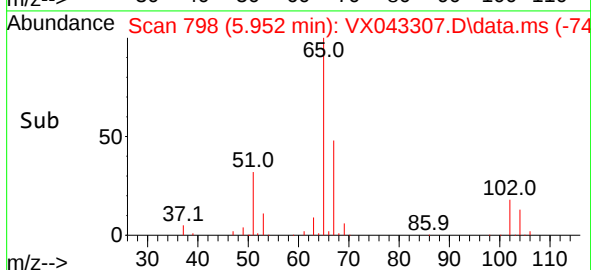
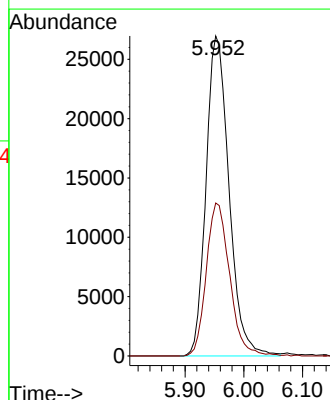
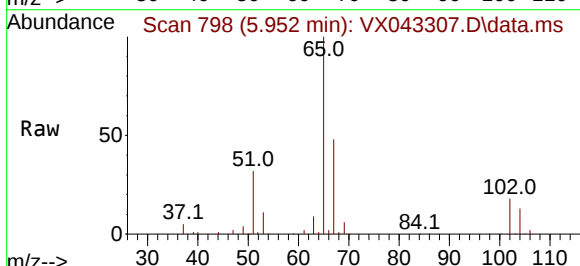
Acq: 07 Oct 2024 12:16

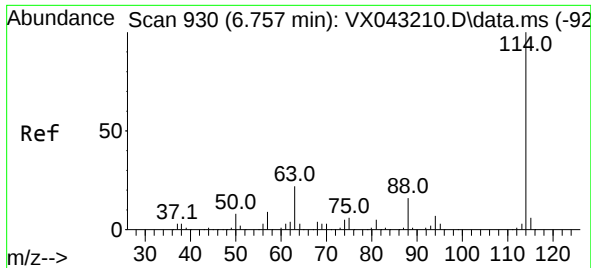
Tgt Ion: 65 Resp: 73276

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0

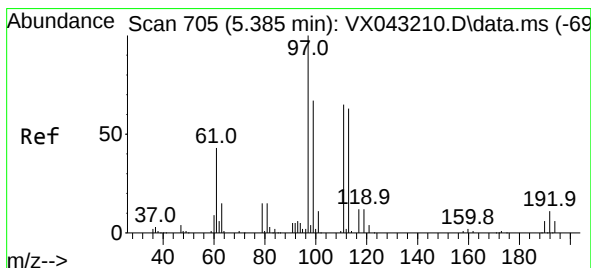
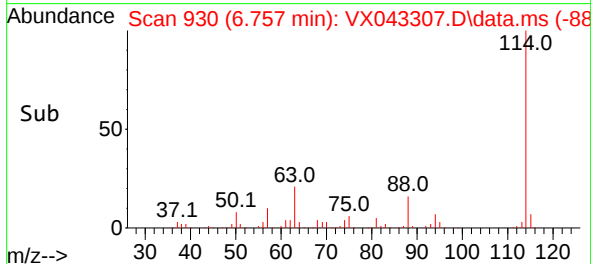
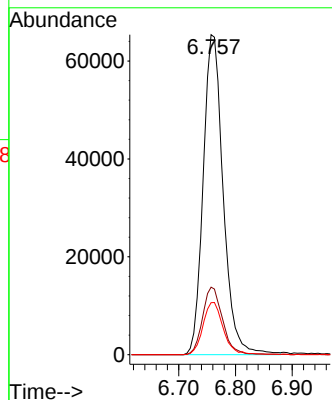
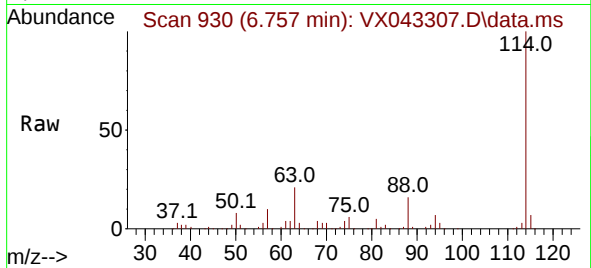




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

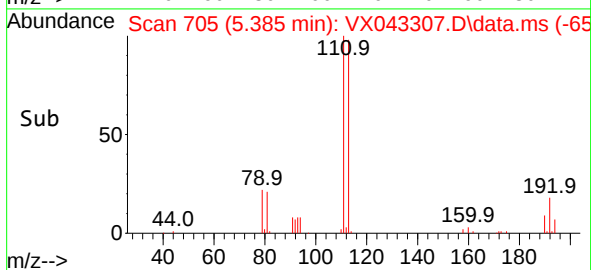
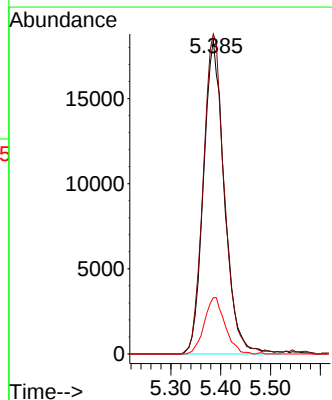
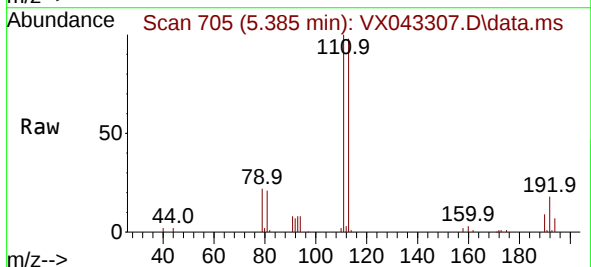
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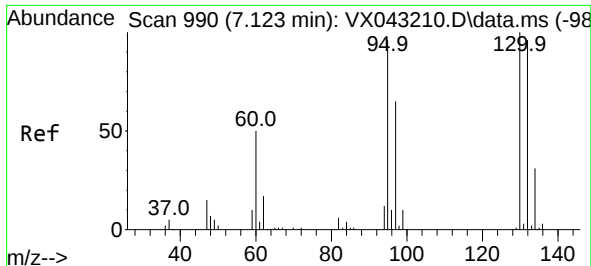
Tgt Ion:114 Resp: 160451  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 43.0  
88 16.3 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 48.599 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

Tgt Ion:113 Resp: 53776  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.4 125.0  
192 17.7 14.1 21.1

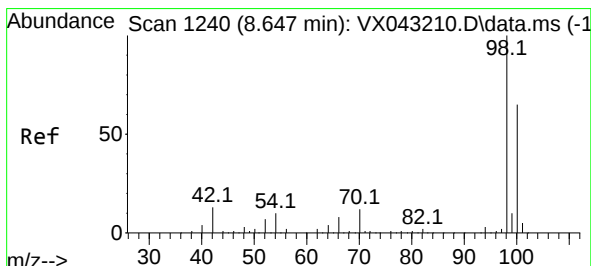
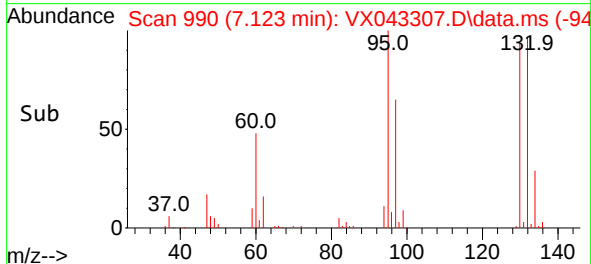
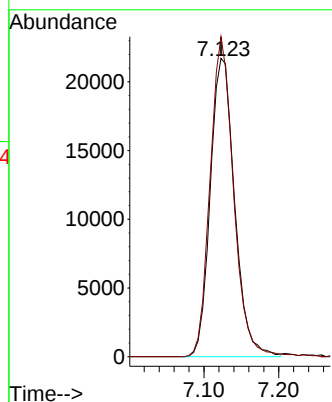
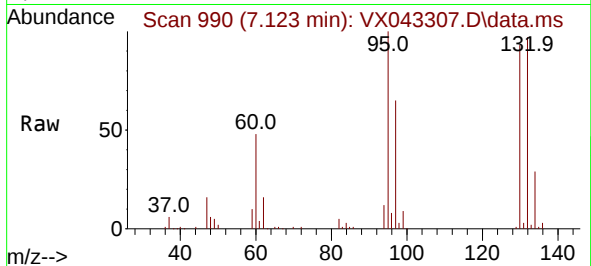




#44  
Trichloroethene  
Concen: 43.756 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

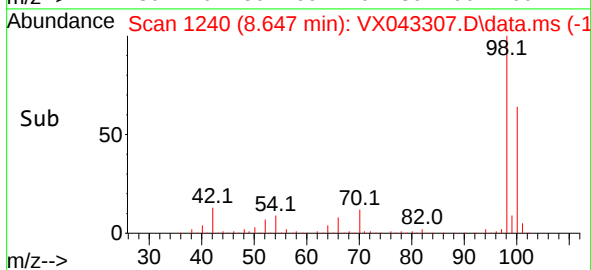
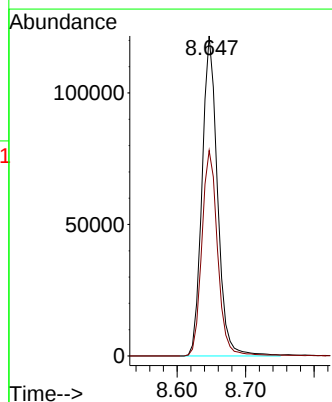
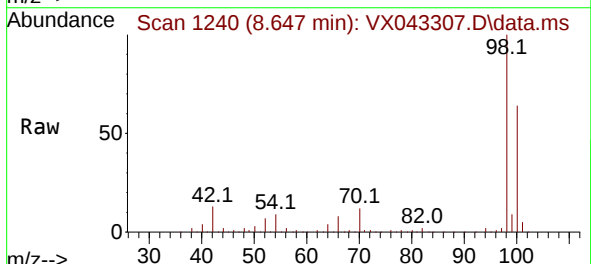
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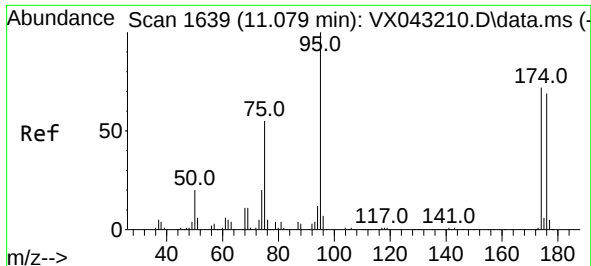
Tgt Ion:130 Resp: 49188  
Ion Ratio Lower Upper  
130 100  
95 107.3 0.0 192.2



#50  
Toluene-d8  
Concen: 49.850 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX043307.D  
Acq: 07 Oct 2024 12:16

Tgt Ion: 98 Resp: 191159  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 48.385 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

Instrument :

MSVOA\_X

ClientSampleId :

RE115D1-20240930DL

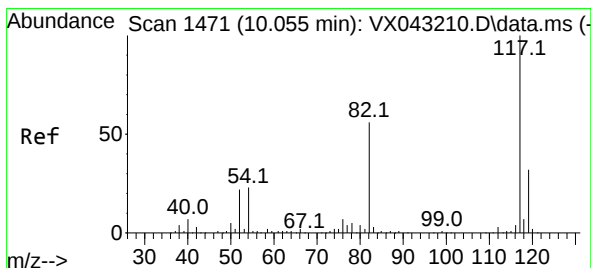
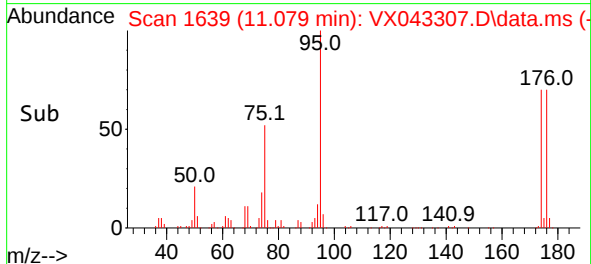
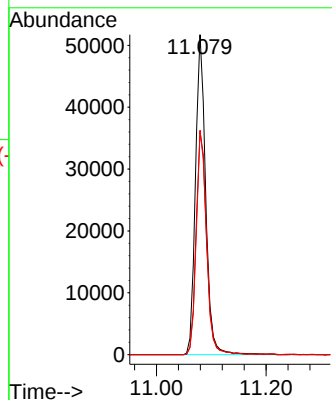
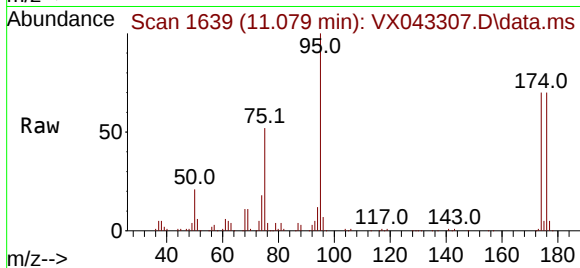
Tgt Ion: 95 Resp: 67405

Ion Ratio Lower Upper

95 100

174 71.8 0.0 145.0

176 69.8 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: VX043307.D

Acq: 07 Oct 2024 12:16

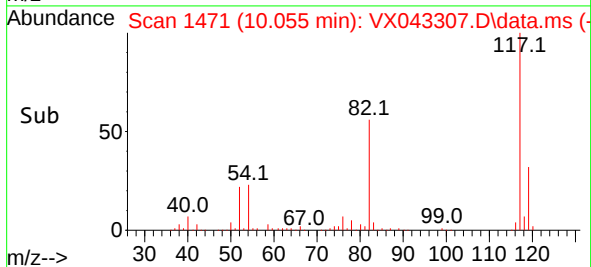
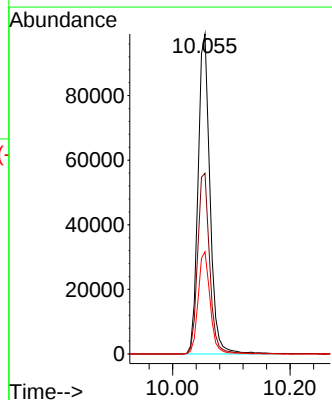
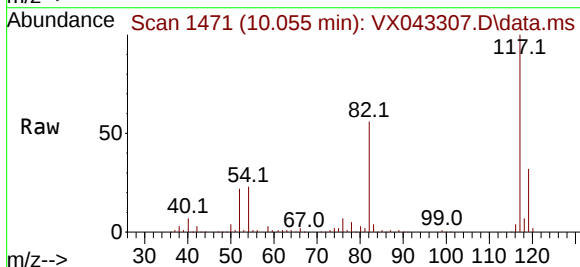
Tgt Ion: 117 Resp: 139774

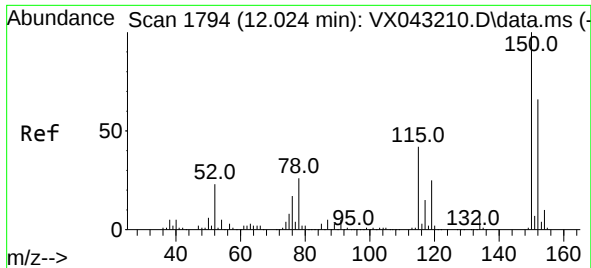
Ion Ratio Lower Upper

117 100

82 56.5 45.0 67.6

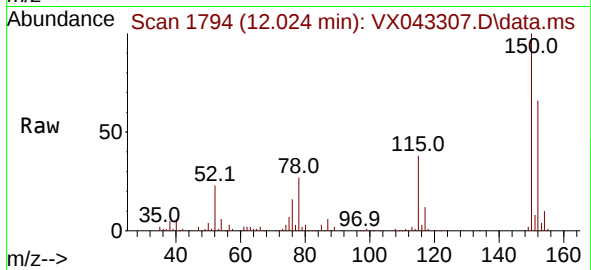
119 32.0 25.3 37.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX043307.D  
 Acq: 07 Oct 2024 12:16

Instrument :  
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Tgt Ion:152 Resp: 57451  
 Ion Ratio Lower Upper  
 152 100  
 115 61.5 44.1 132.3  
 150 155.2 0.0 347.4

