

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031025\  
 Data File : VX045203.D  
 Acq On : 10 Mar 2025 17:58  
 Operator : JC/MD  
 Sample : Q1531-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20250306

Quant Time: Mar 11 04:00:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

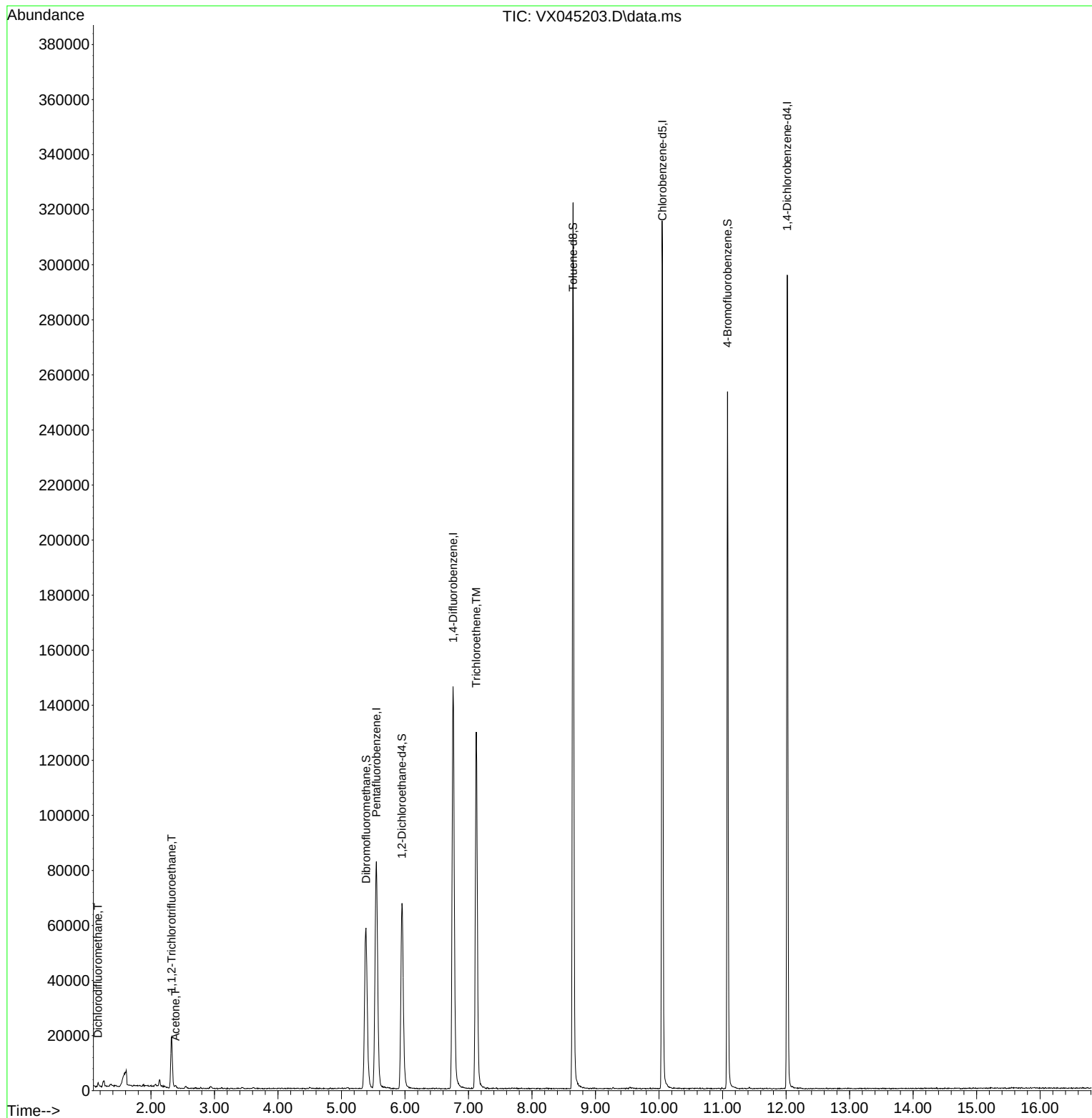
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.549     | 168   | 76394    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 149625   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 141061   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152   | 57421    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65    | 64262    | 52.884   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | = 105.760% |          |
| 35) Dibromofluoromethane     | 5.385     | 113   | 51234    | 51.208   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 102.420% |          |
| 50) Toluene-d8               | 8.646     | 98    | 186697   | 51.472   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | = 102.940% |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 64399    | 53.579   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 77 - 121 | Recovery | = 107.160% |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 1042     | 1.084    | ug/l       | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 2.324     | 101   | 7256     | 8.172    | ug/l       | 95       |
| 16) Acetone                  | 2.385     | 43    | 953      | 1.690    | ug/l       | 93       |
| 44) Trichloroethene          | 7.122     | 130   | 49357    | 48.514   | ug/l       | 97       |
| -----                        |           |       |          |          |            |          |

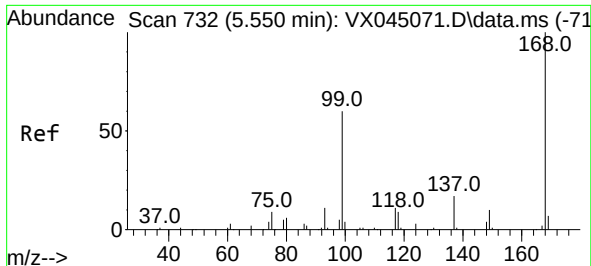
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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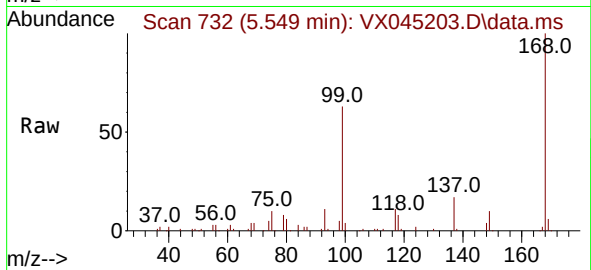
Quant Time: Mar 11 04:00:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration



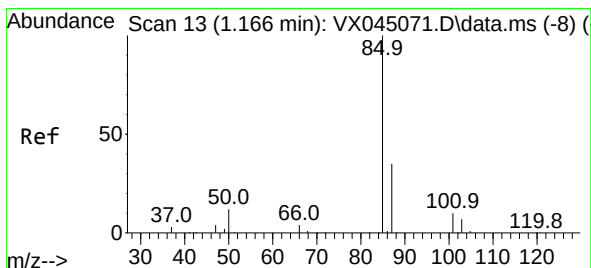
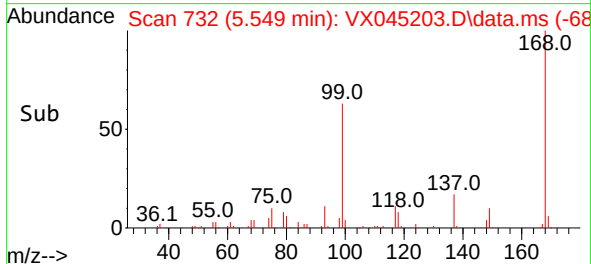
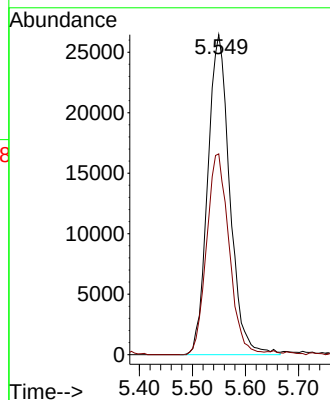


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20250306

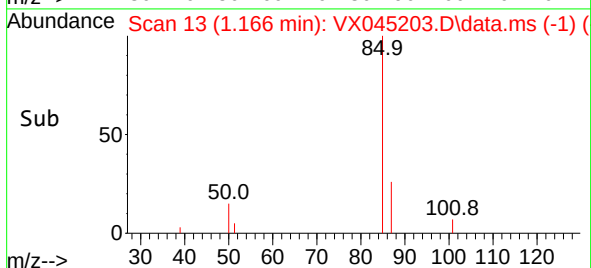
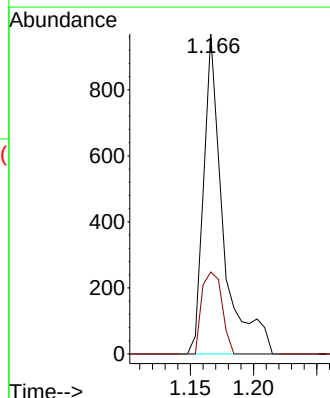
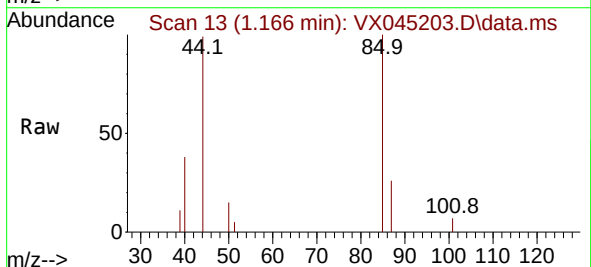


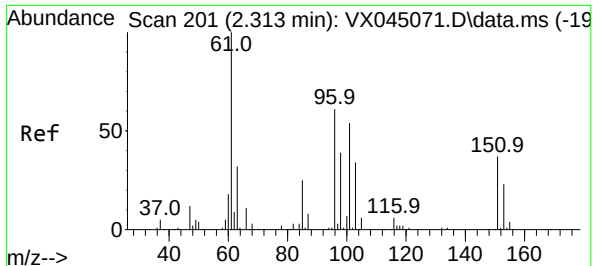
Tgt Ion:168 Resp: 76394  
Ion Ratio Lower Upper  
168 100  
99 62.7 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 1.084 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Tgt Ion: 85 Resp: 1042  
Ion Ratio Lower Upper  
85 100  
87 25.6 17.4 52.3

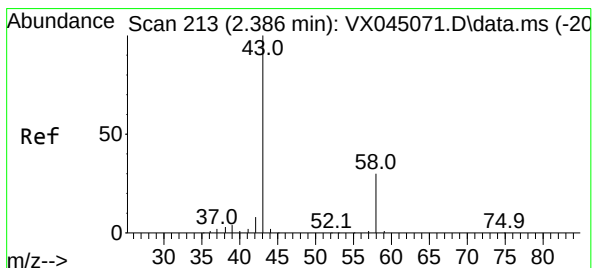
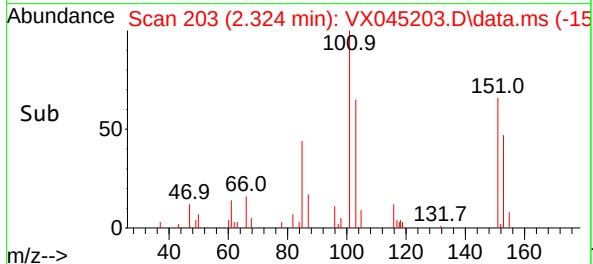
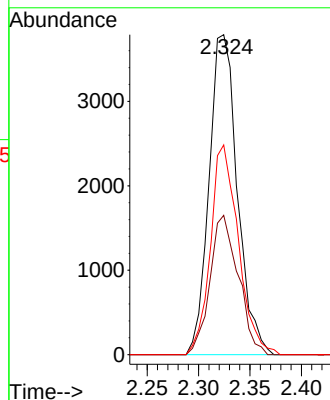
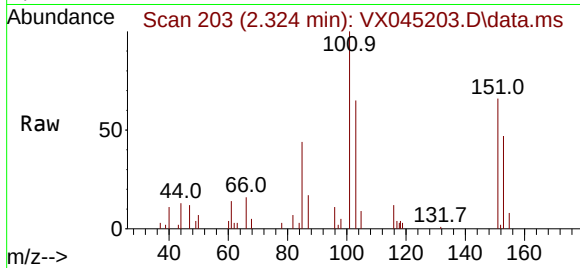




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 8.172 ug/l  
RT: 2.324 min Scan# 20  
Delta R.T. 0.012 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

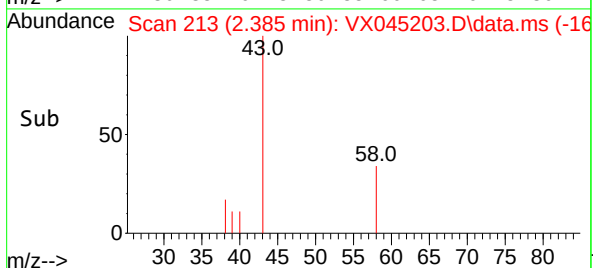
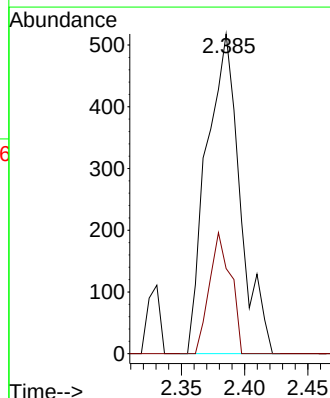
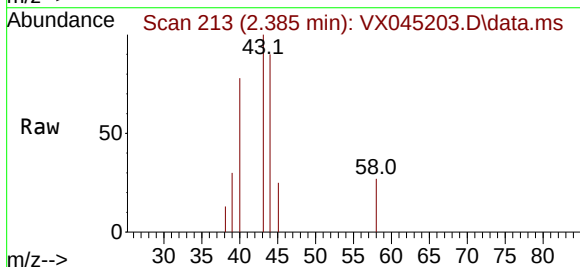
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20250306

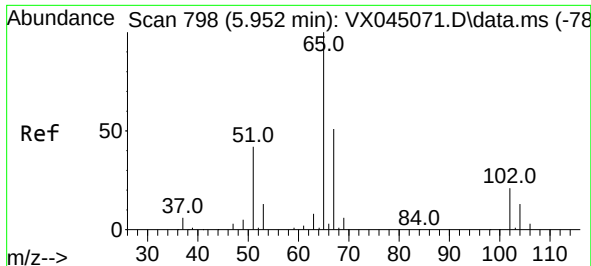
Tgt Ion:101 Resp: 7256  
Ion Ratio Lower Upper  
101 100  
85 43.6 36.2 54.4  
151 64.6 56.4 84.6



#16  
Acetone  
Concen: 1.690 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Tgt Ion: 43 Resp: 953  
Ion Ratio Lower Upper  
43 100  
58 26.6 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045203.D

Acq: 10 Mar 2025 17:58

Instrument :

MSVOA\_X

ClientSampleId :

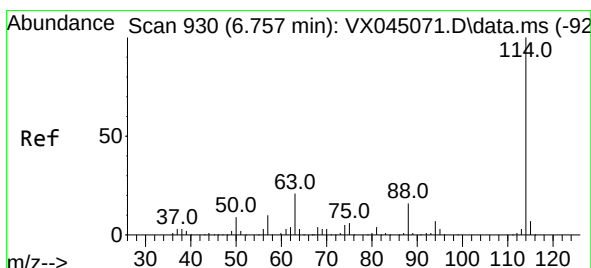
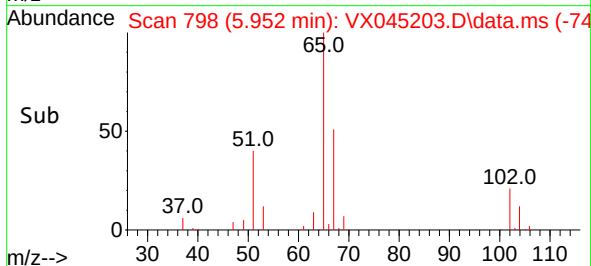
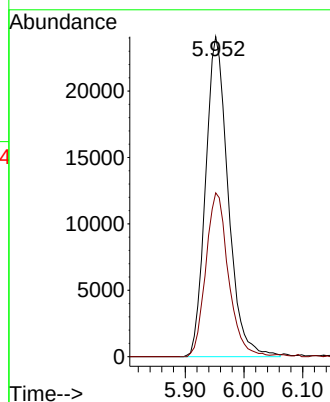
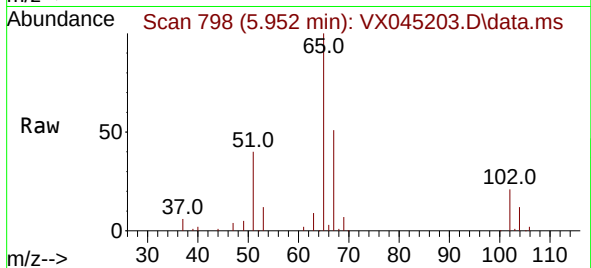
RE105D1-20250306

Tgt Ion: 65 Resp: 64262

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045203.D

Acq: 10 Mar 2025 17:58

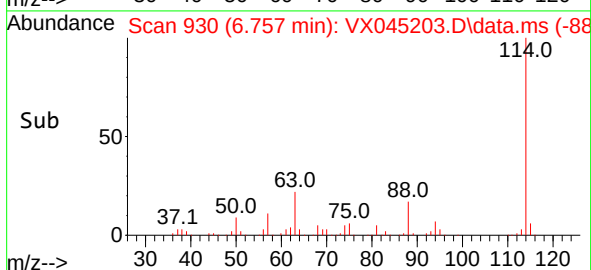
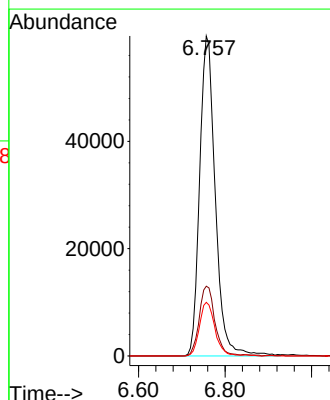
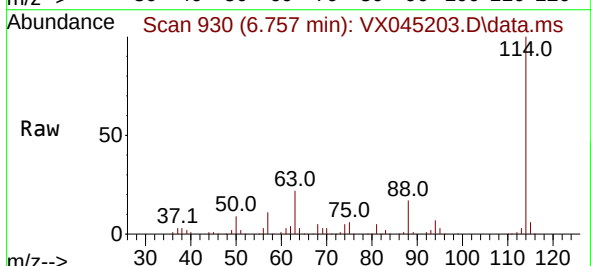
Tgt Ion: 114 Resp: 149625

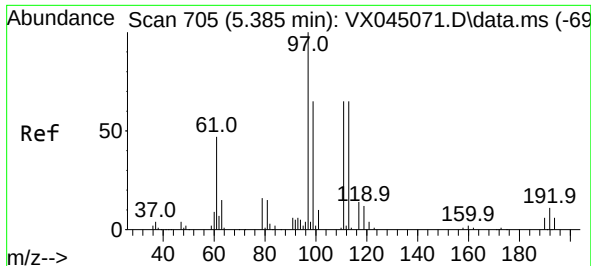
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

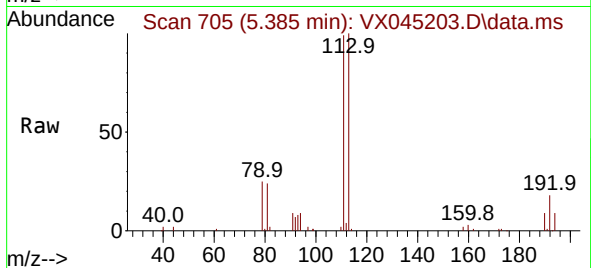
88 16.8 0.0 32.8



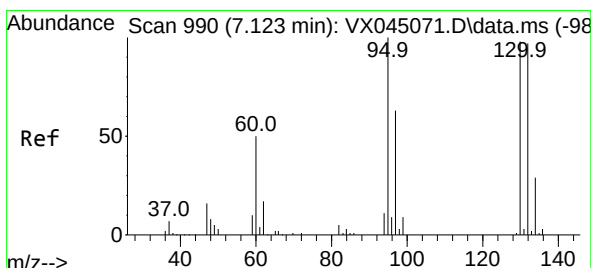
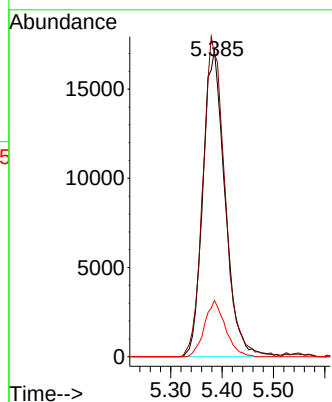
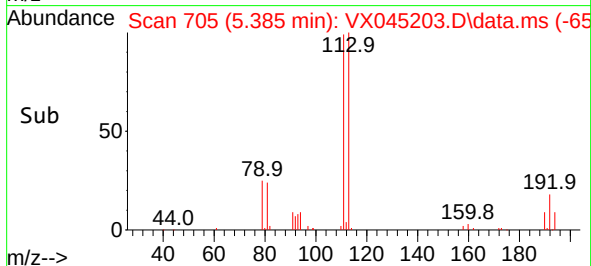


#35  
Dibromofluoromethane  
Concen: 51.208 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
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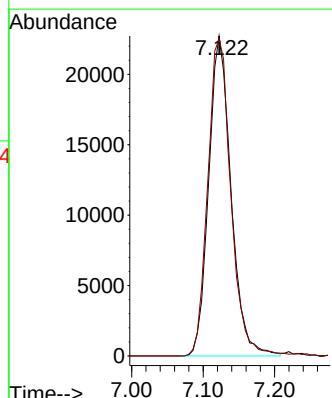
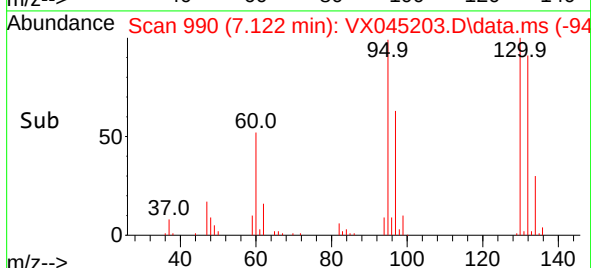
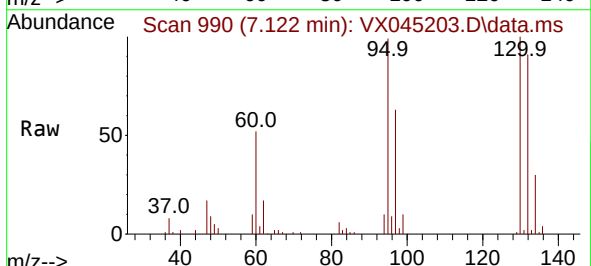


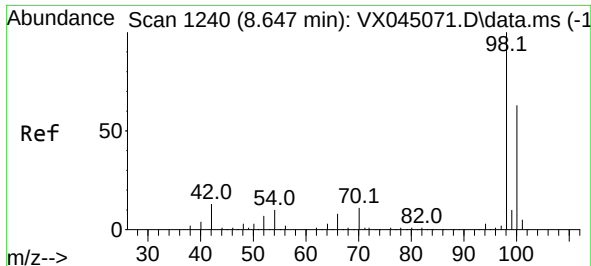
Tgt Ion:113 Resp: 51234  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.8 122.6  
192 17.3 14.3 21.5



#44  
Trichloroethene  
Concen: 48.514 ug/l  
RT: 7.122 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Tgt Ion:130 Resp: 49357  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 205.0

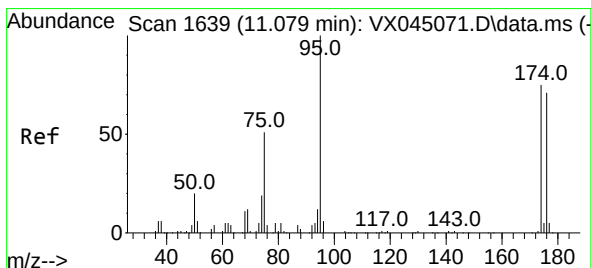
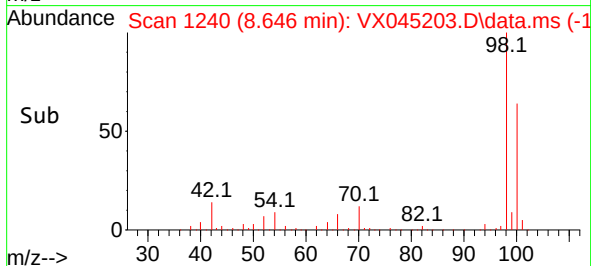
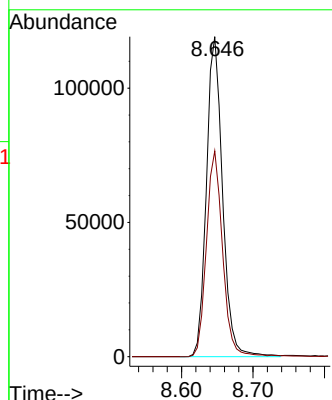
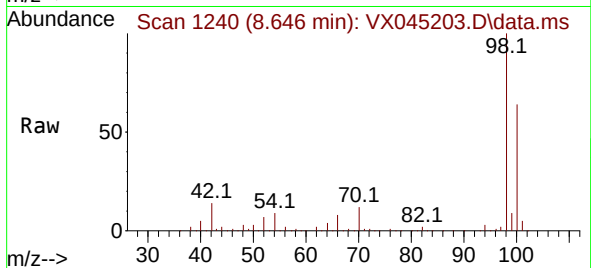




#50  
Toluene-d8  
Concen: 51.472 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

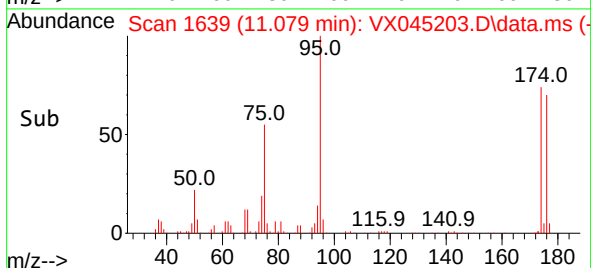
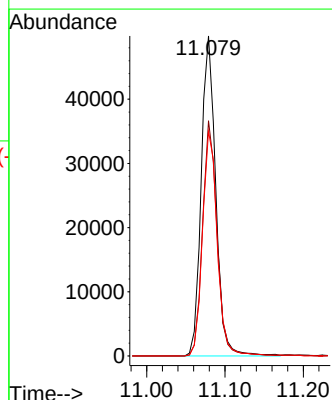
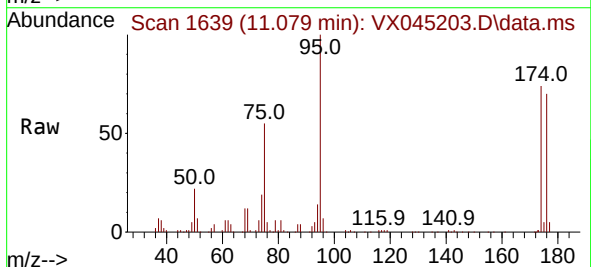
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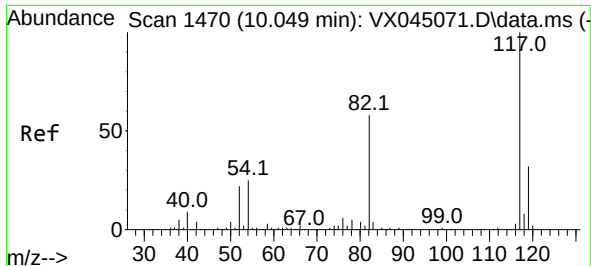
Tgt Ion: 98 Resp: 186697  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 53.579 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Tgt Ion: 95 Resp: 64399  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 148.2  
176 71.2 0.0 141.4

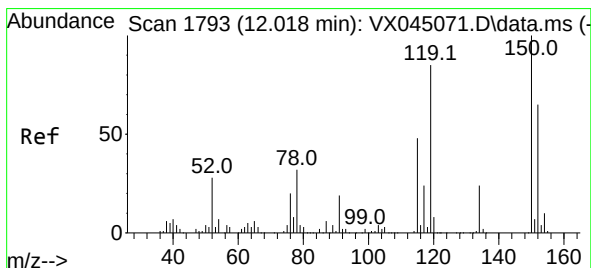
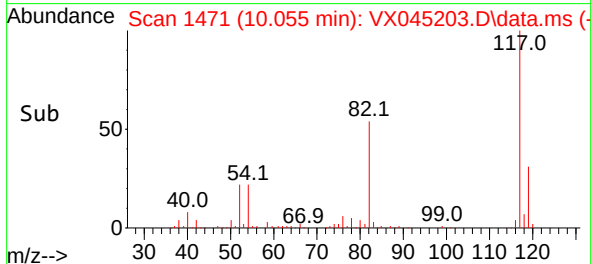
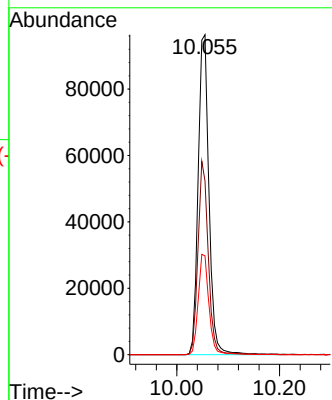
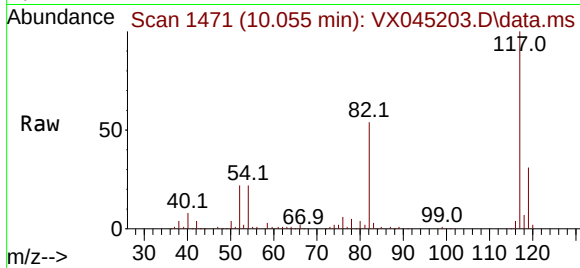




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 141061  
Ion Ratio Lower Upper  
117 100  
82 54.3 46.3 69.5  
119 30.9 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045203.D  
Acq: 10 Mar 2025 17:58

Tgt Ion:152 Resp: 57421  
Ion Ratio Lower Upper  
152 100  
115 61.7 44.2 132.6  
150 158.2 0.0 349.0

