

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031025\  
 Data File : VX045189.D  
 Acq On : 10 Mar 2025 12:33  
 Operator : JC/MD  
 Sample : Q1500-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D2-20250304

Quant Time: Mar 11 03:53:27 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

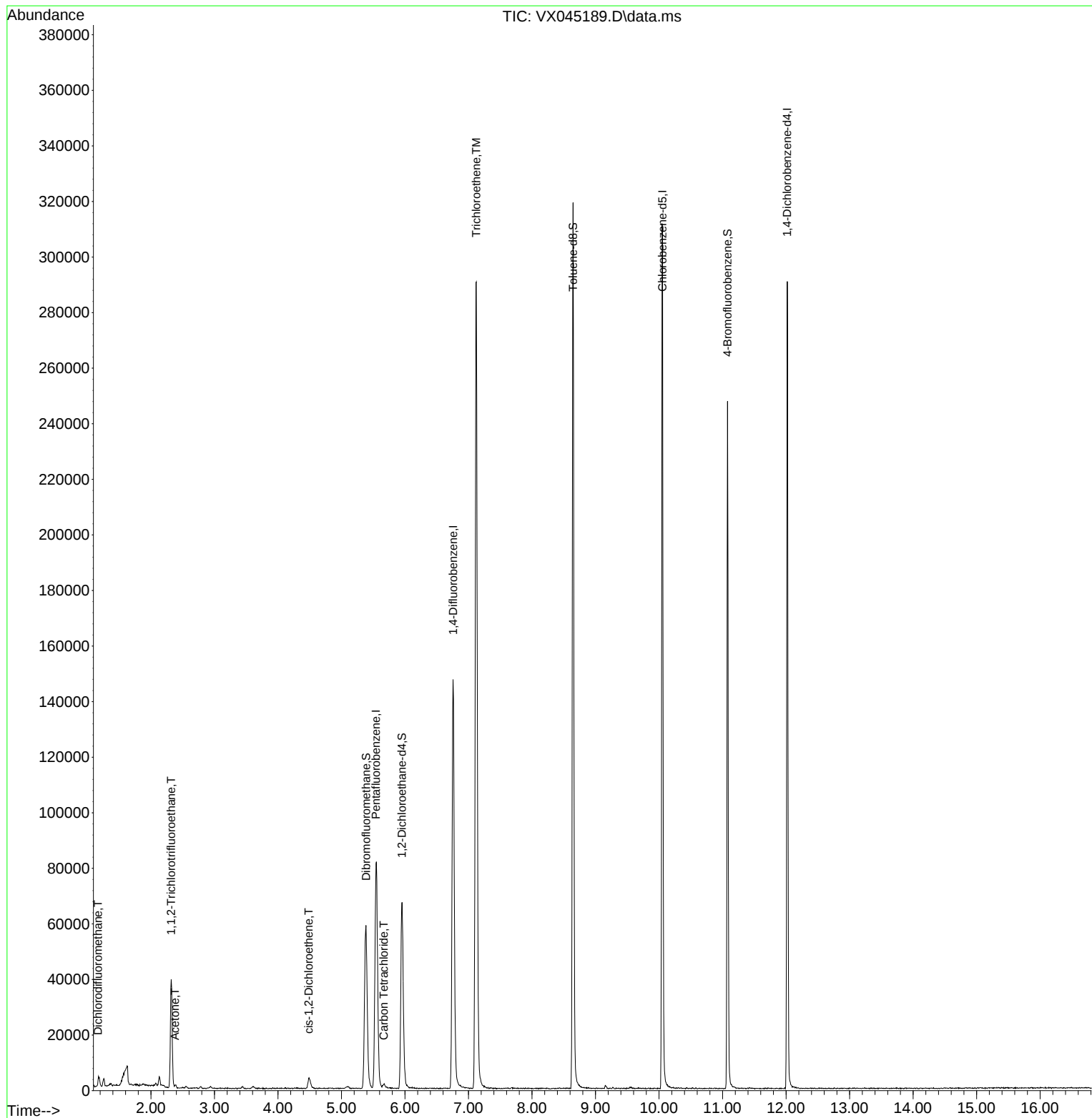
| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 76078    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 151155   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 138329   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 57557    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 65001    | 53.714   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 107.420% |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 51885    | 51.334   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 102.660% |          |
| 50) Toluene-d8               | 8.647  | 98    | 188382   | 51.411   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 102.820% |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 63599    | 52.378   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 104.760% |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 821      | 0.857    | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 15311    | 17.316   | ug/l       | 99       |
| 16) Acetone                  | 2.380  | 43    | 832      | 1.482    | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 2700     | 2.368    | ug/l       | 90       |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 1023     | 0.727    | ug/l       | 89       |
| 44) Trichloroethene          | 7.123  | 130   | 110033   | 107.060  | ug/l       | 98       |
| -----                        |        |       |          |          |            |          |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

Quant Time: Mar 11 03:53:27 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

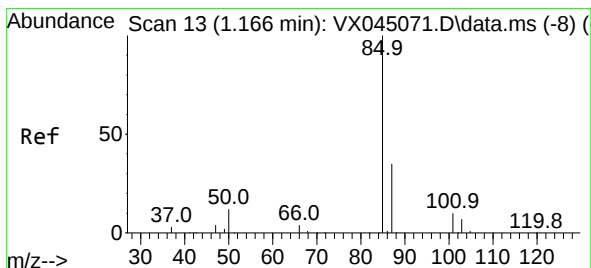
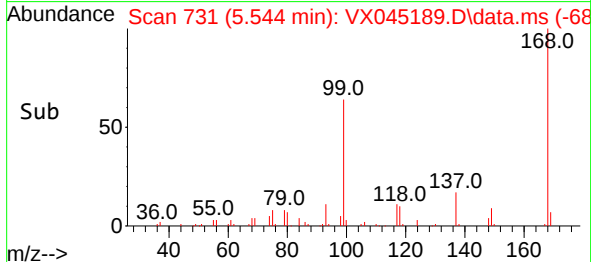
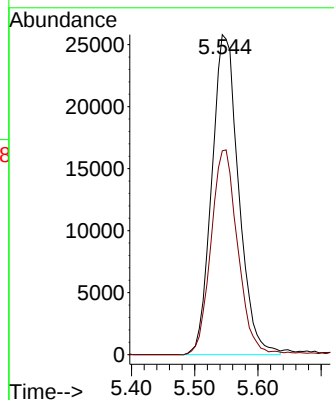
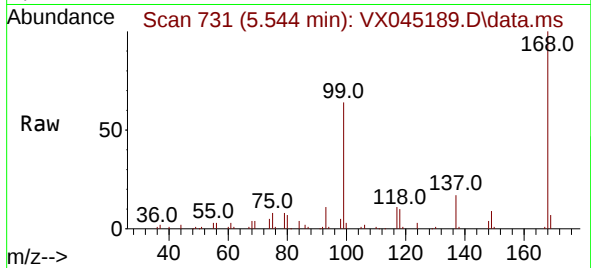




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

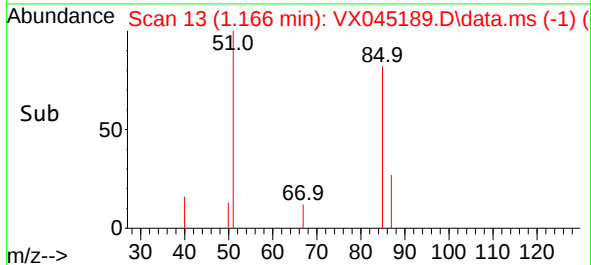
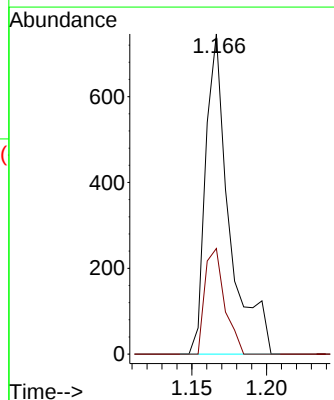
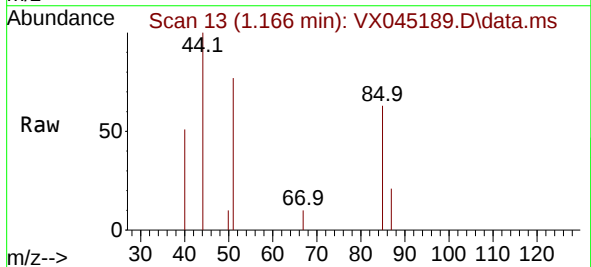
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

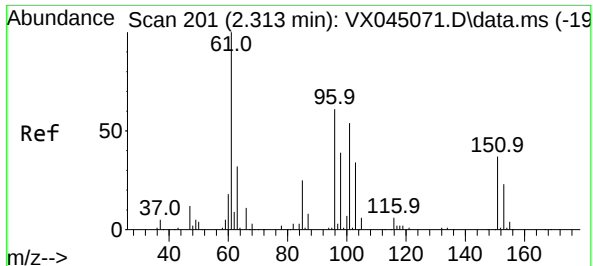
Tgt Ion:168 Resp: 76078  
Ion Ratio Lower Upper  
168 100  
99 63.7 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 0.857 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Tgt Ion: 85 Resp: 821  
Ion Ratio Lower Upper  
85 100  
87 33.0 17.4 52.3

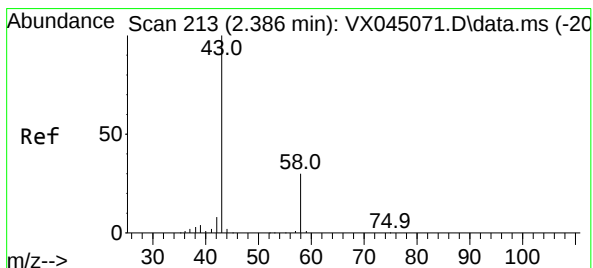
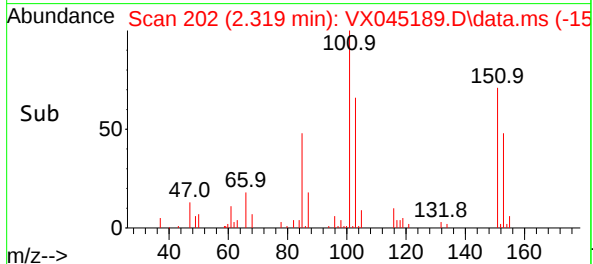
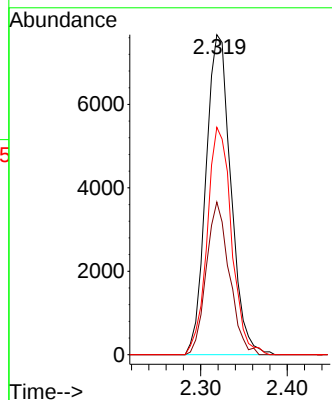
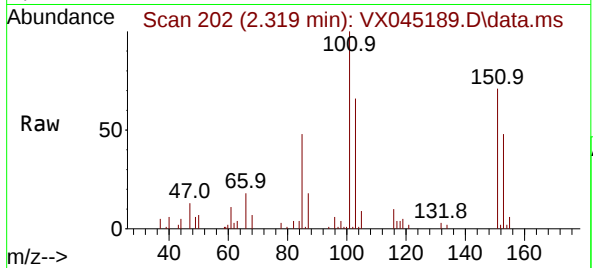




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.316 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

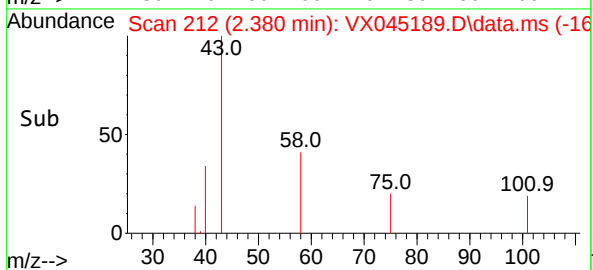
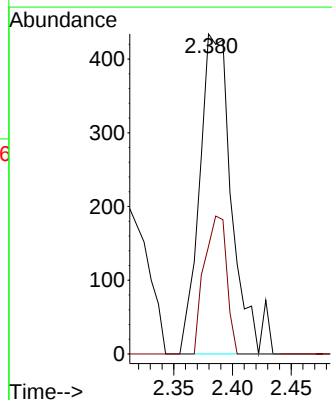
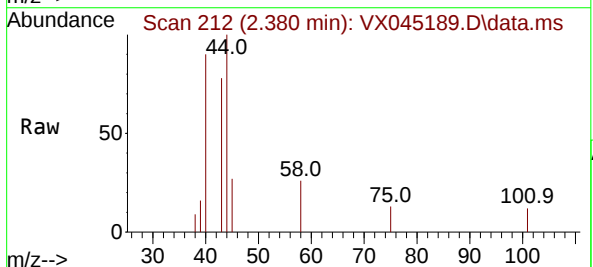
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

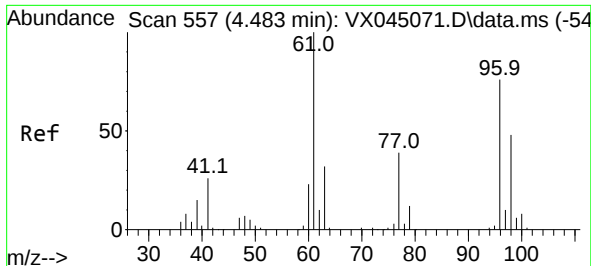
Tgt Ion:101 Resp: 15311  
Ion Ratio Lower Upper  
101 100  
85 44.2 36.2 54.4  
151 69.6 56.4 84.6



#16  
Acetone  
Concen: 1.482 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Tgt Ion: 43 Resp: 832  
Ion Ratio Lower Upper  
43 100  
58 33.6 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 2.368 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045189.D

Acq: 10 Mar 2025 12:33

Instrument :

MSVOA\_X

ClientSampleId :

RE114D2-20250304

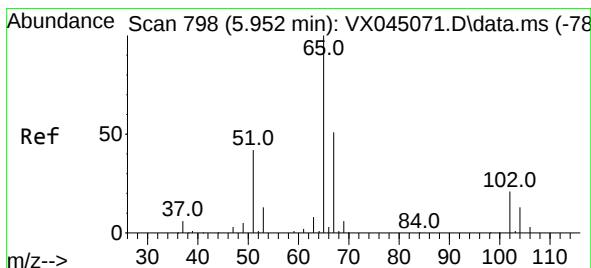
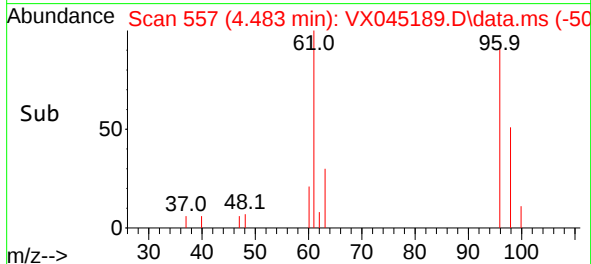
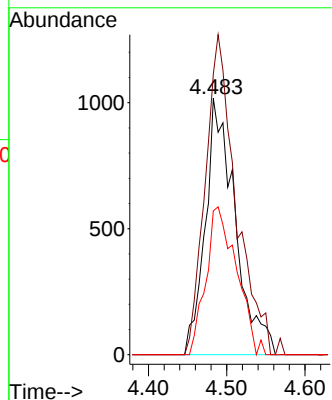
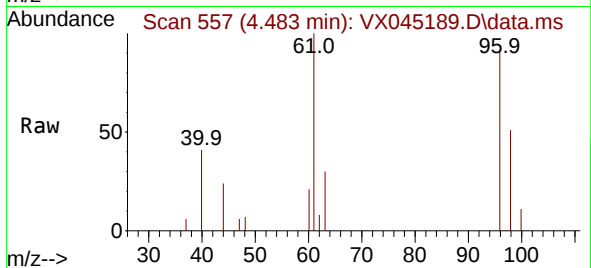
Tgt Ion: 96 Resp: 2700

Ion Ratio Lower Upper

96 100

61 127.7 0.0 283.2

98 59.0 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 53.714 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045189.D

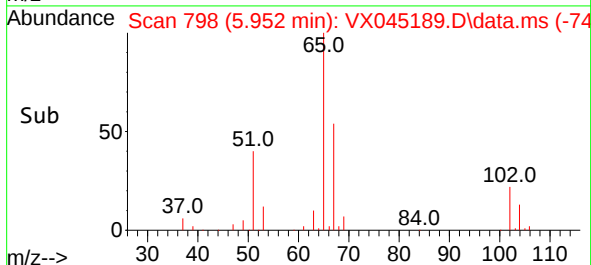
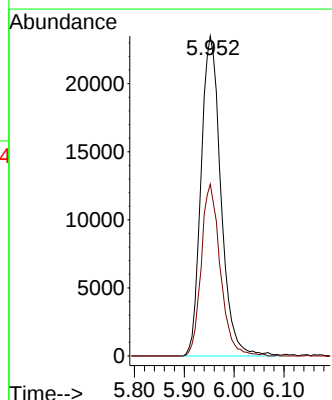
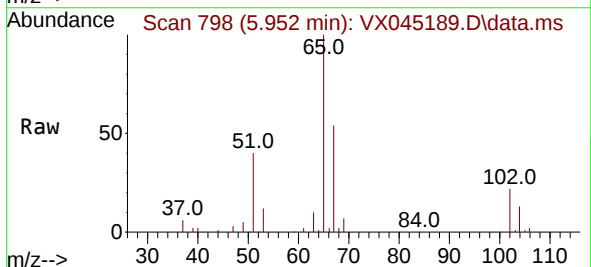
Acq: 10 Mar 2025 12:33

Tgt Ion: 65 Resp: 65001

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2

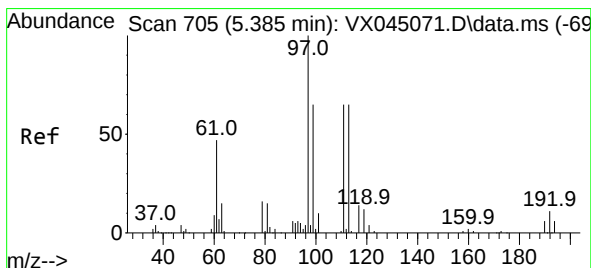
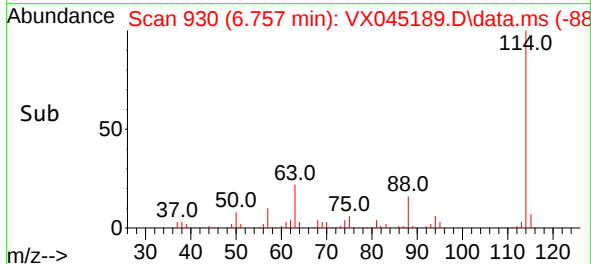
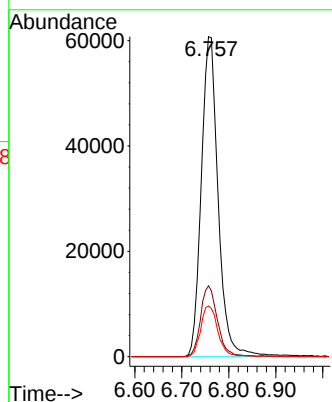
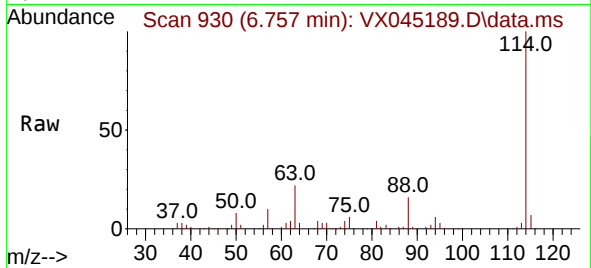




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

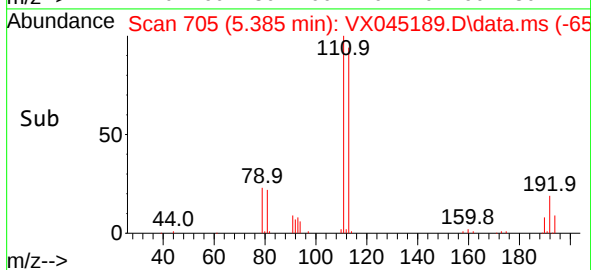
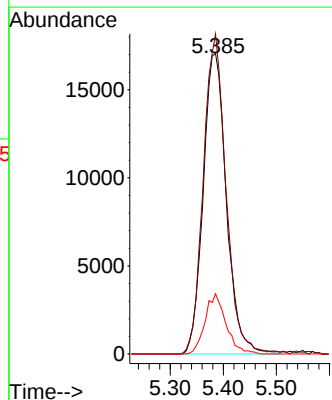
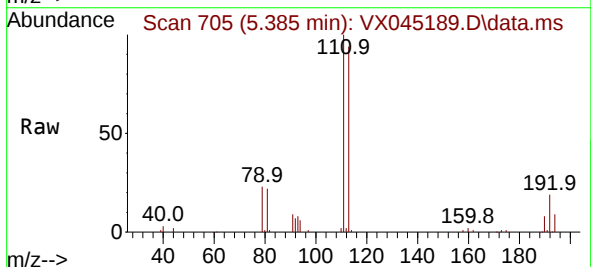
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

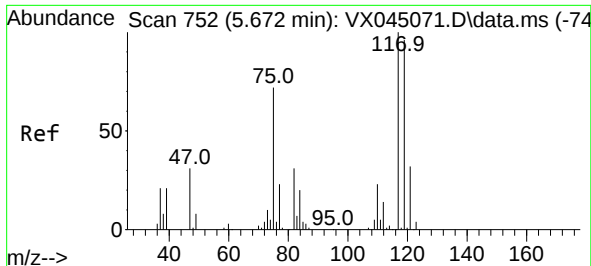
Tgt Ion:114 Resp: 151155  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 41.8  
88 15.9 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.334 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

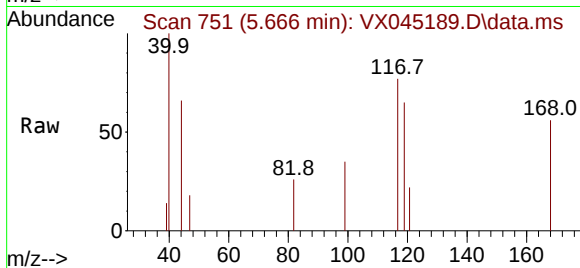
Tgt Ion:113 Resp: 51885  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.8 122.6  
192 18.1 14.3 21.5



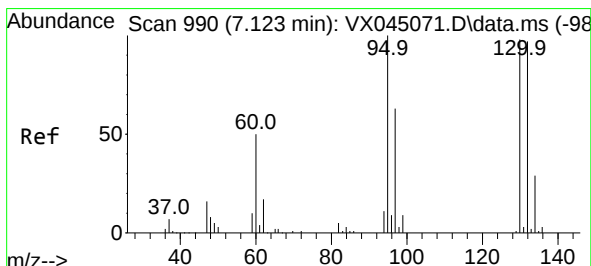
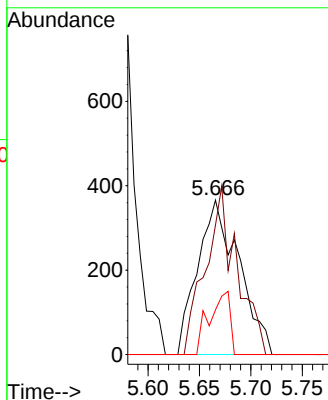
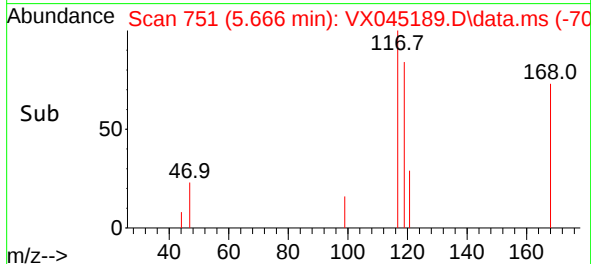


#38  
Carbon Tetrachloride  
Concen: 0.727 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

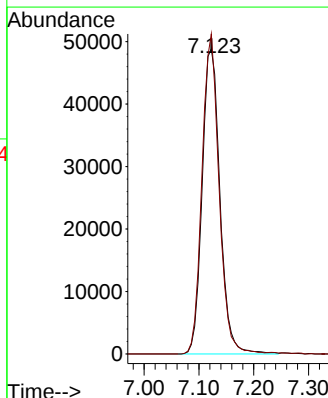
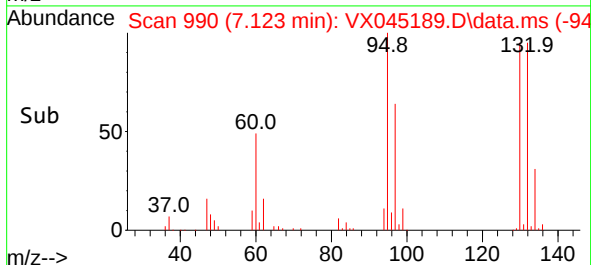
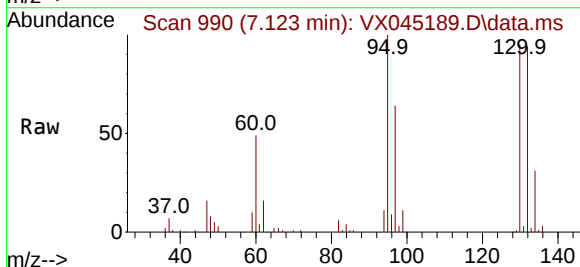


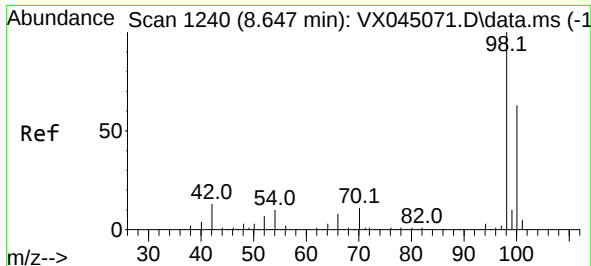
Tgt Ion:117 Resp: 1023  
Ion Ratio Lower Upper  
117 100  
119 83.9 76.7 115.1  
121 29.0 25.5 38.3



#44  
Trichloroethene  
Concen: 107.060 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Tgt Ion:130 Resp: 110033  
Ion Ratio Lower Upper  
130 100  
95 105.0 0.0 205.0

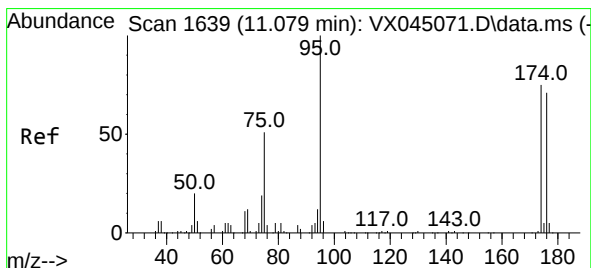
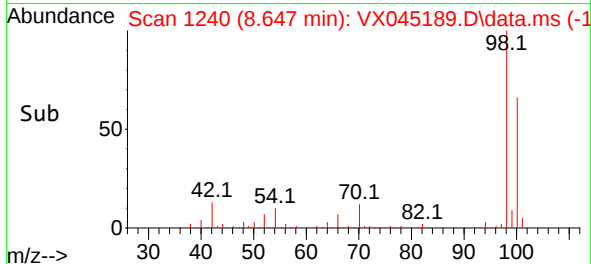
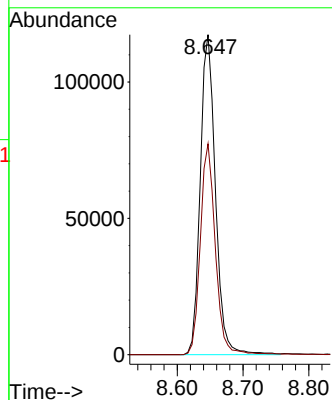
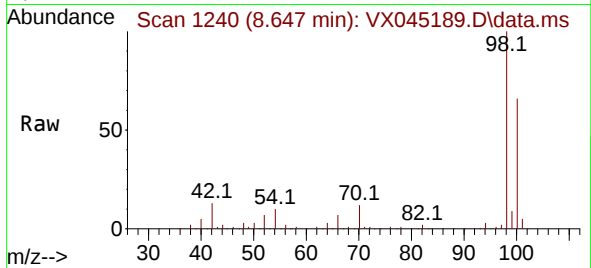




#50  
Toluene-d8  
Concen: 51.411 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

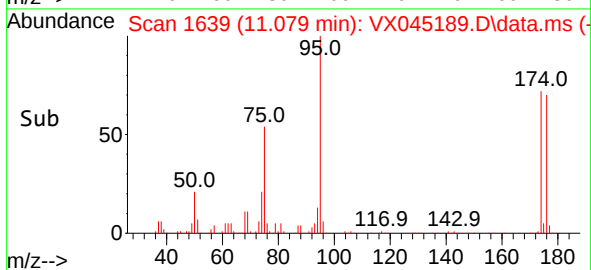
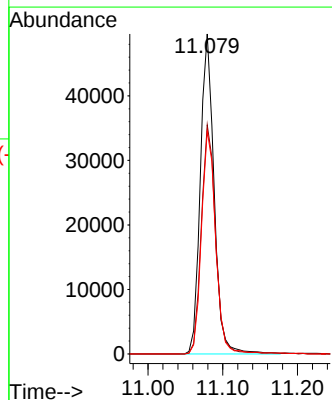
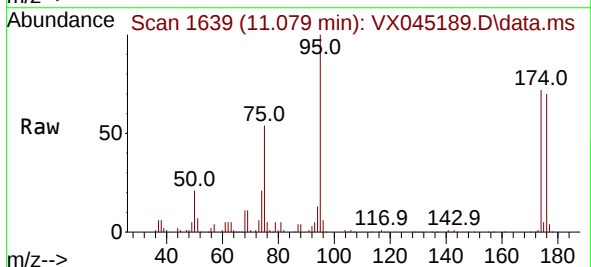
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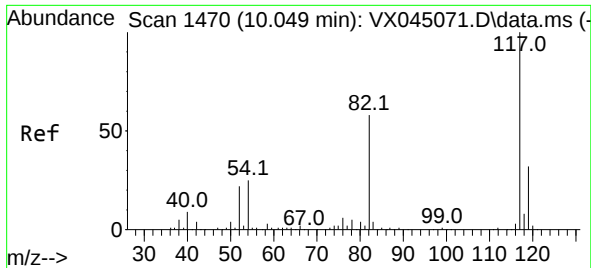
Tgt Ion: 98 Resp: 188382  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 52.378 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Tgt Ion: 95 Resp: 63599  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 148.2  
176 71.4 0.0 141.4

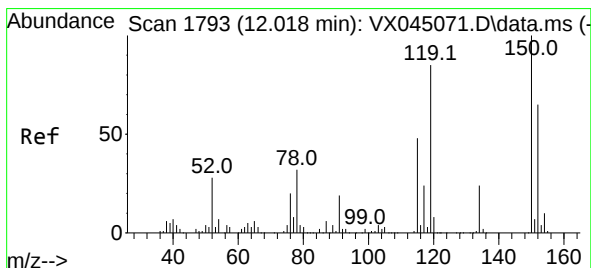
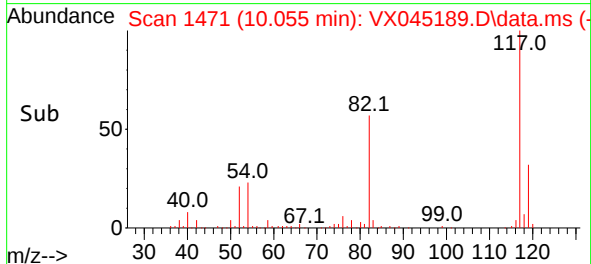
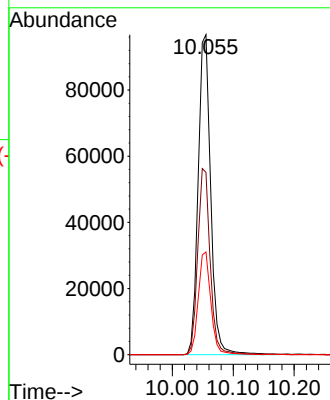
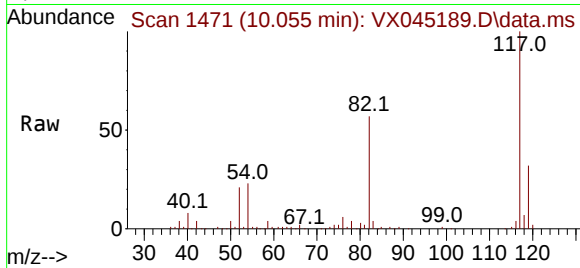




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX045189.D  
Acq: 10 Mar 2025 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D2-20250304

Tgt Ion:117 Resp: 138329  
Ion Ratio Lower Upper  
117 100  
82 57.0 46.3 69.5  
119 32.1 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: VX045189.D  
Acq: 10 Mar 2025 12:33

Tgt Ion:152 Resp: 57557  
Ion Ratio Lower Upper  
152 100  
115 61.2 44.2 132.6  
150 156.1 0.0 349.0

