

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
 Data File : VX045542.D  
 Acq On : 02 Apr 2025 13:21  
 Operator : JC/MD  
 Sample : Q1697-01DL 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-19B-72-040125DL

Quant Time: Apr 03 01:51:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

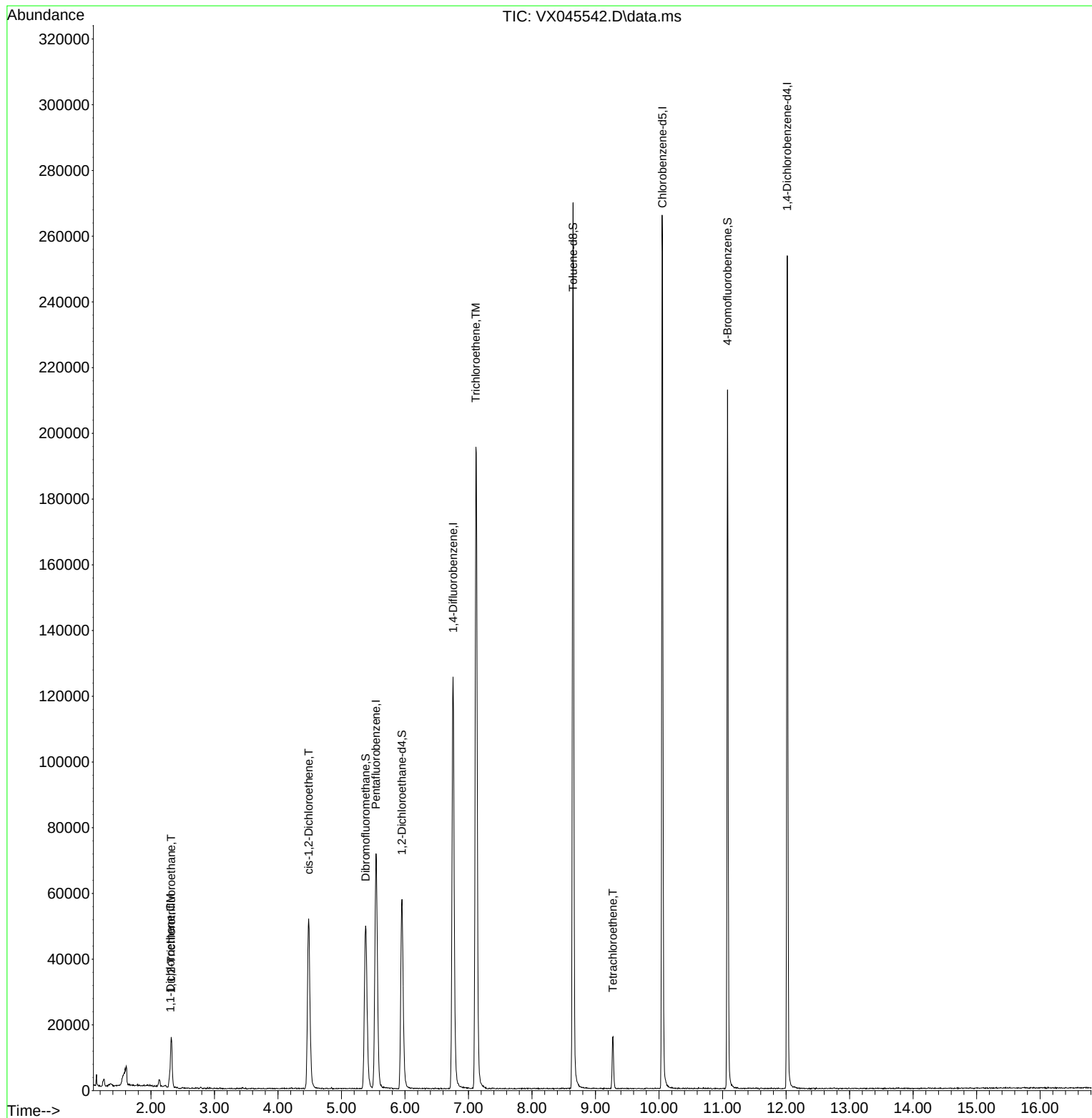
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.544     | 168   | 61305    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 119039   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 112137   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152   | 46922    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65    | 58149    | 51.867   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | = 103.740% |          |
| 35) Dibromofluoromethane     | 5.379     | 113   | 43629    | 51.657   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 103.320% |          |
| 50) Toluene-d8               | 8.647     | 98    | 148923   | 50.518   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | = 101.040% |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 54652    | 50.897   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 77 - 121 | Recovery | = 101.800% |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          | Qvalue     |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.319     | 101   | 5707     | 7.577    | ug/l       | 94       |
| 12) 1,1-Dichloroethene       | 2.307     | 96    | 382      | 0.519    | ug/l #     | 56       |
| 27) cis-1,2-Dichloroethene   | 4.483     | 96    | 31539    | 34.430   | ug/l       | 89       |
| 44) Trichloroethene          | 7.117     | 130   | 71796    | 86.731   | ug/l       | 91       |
| 64) Tetrachloroethene        | 9.275     | 164   | 3112     | 3.931    | ug/l #     | 82       |
| -----                        |           |       |          |          |            |          |

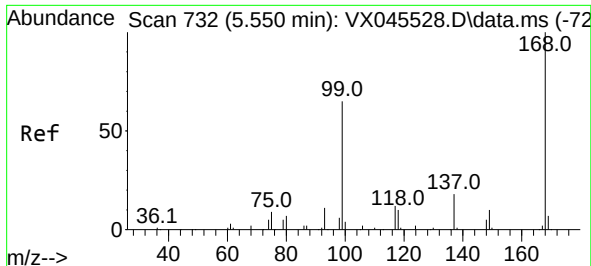
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
Data File : VX045542.D  
Acq On : 02 Apr 2025 13:21  
Operator : JC/MD  
Sample : Q1697-01DL 200X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125DL

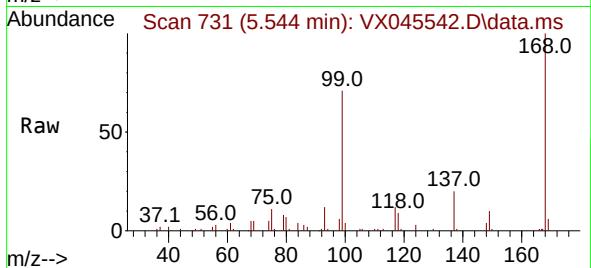
Quant Time: Apr 03 01:51:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration



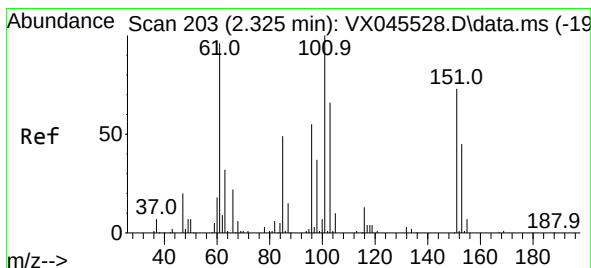
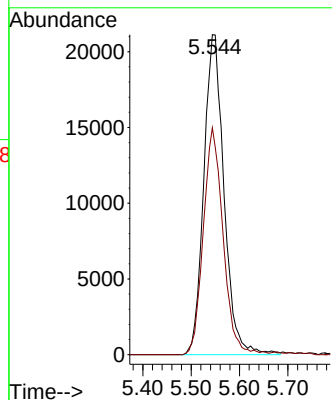
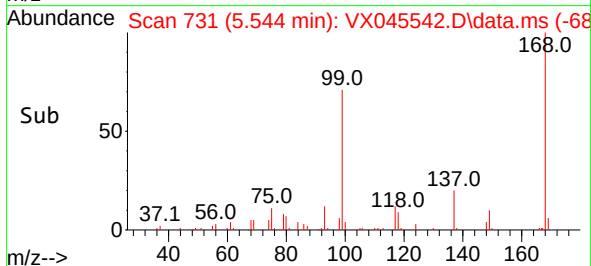


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125DL

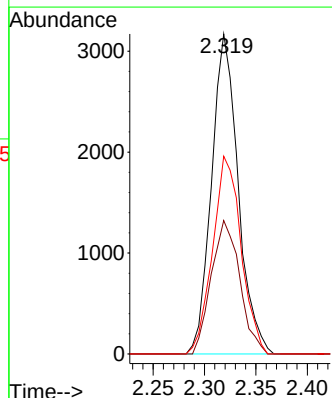
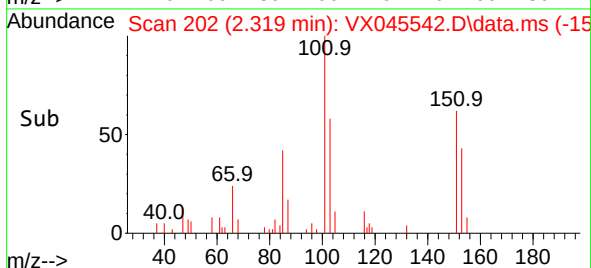
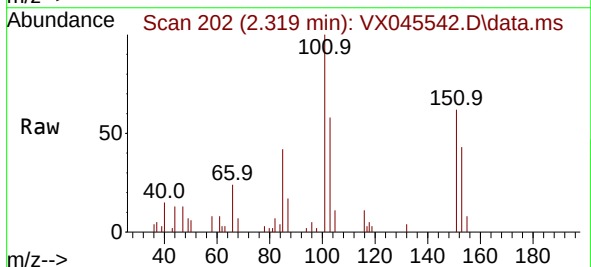


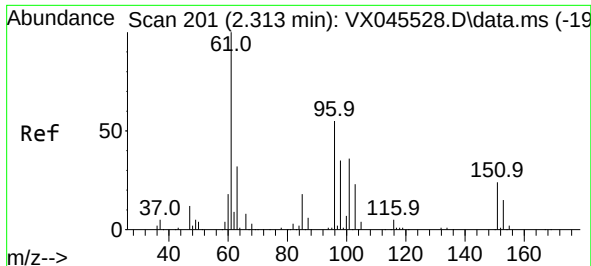
Tgt Ion:168 Resp: 61305  
Ion Ratio Lower Upper  
168 100  
99 70.9 52.3 78.5



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 7.577 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.006 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Tgt Ion:101 Resp: 5707  
Ion Ratio Lower Upper  
101 100  
85 44.7 38.9 58.3  
151 66.1 57.5 86.3





#12

1,1-Dichloroethene

Concen: 0.519 ug/l

RT: 2.307 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA\_X

ClientSampleId :

MW-19B-72-040125DL

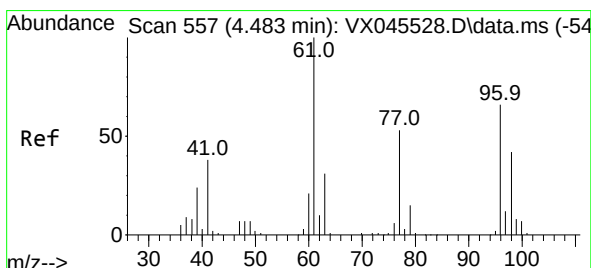
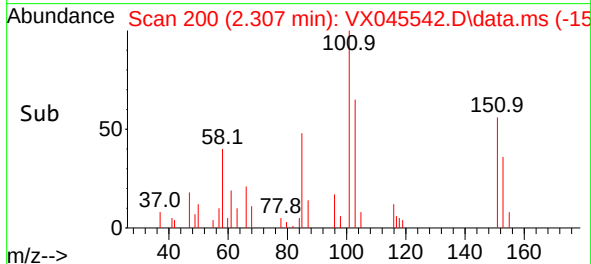
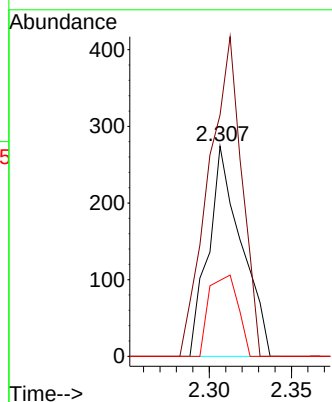
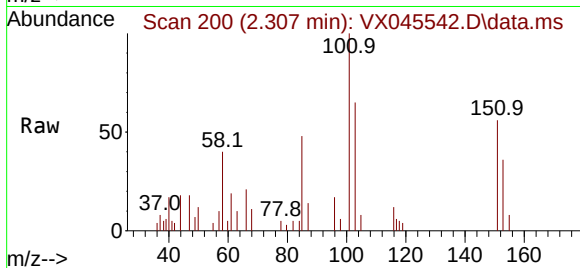
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

96 100

61 115.0 145.7 218.5#

98 36.1 51.6 77.4#



#27

cis-1,2-Dichloroethene

Concen: 34.430 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

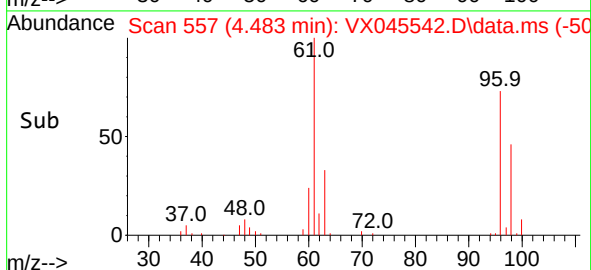
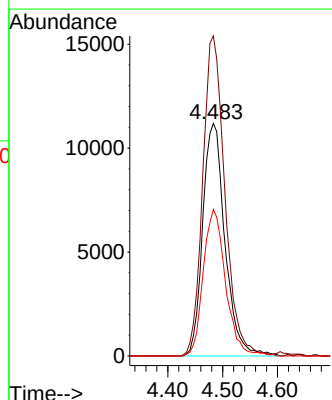
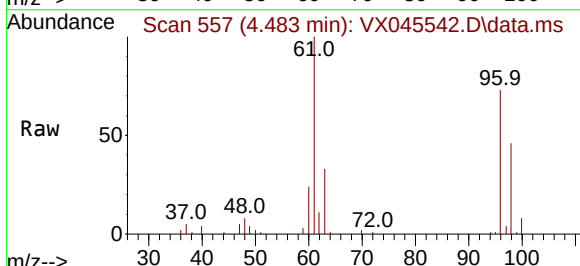
Tgt Ion: 96 Resp: 31539

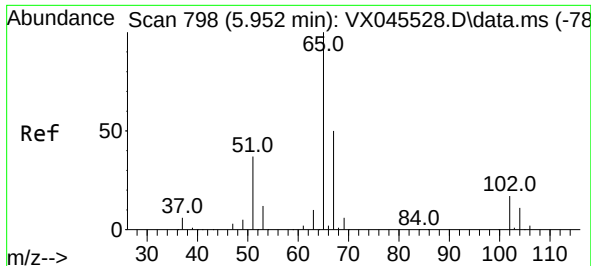
Ion Ratio Lower Upper

96 100

61 136.6 0.0 313.2

98 63.1 0.0 126.4





#33

1,2-Dichloroethane-d4

Concen: 51.867 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA\_X

ClientSampleId :

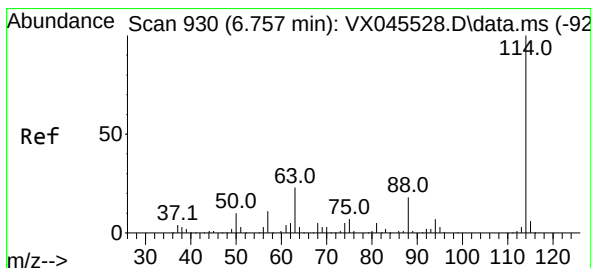
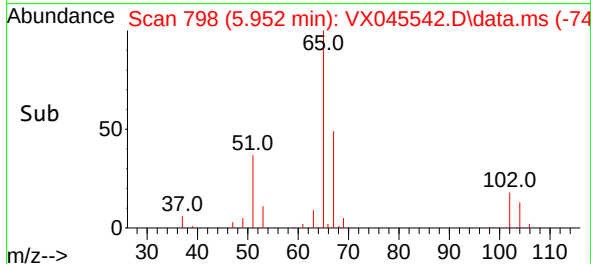
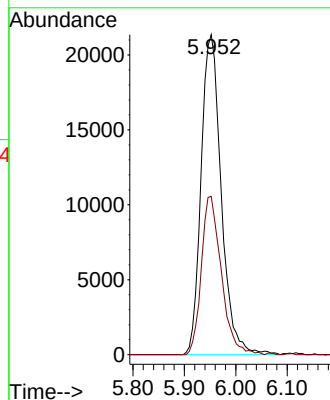
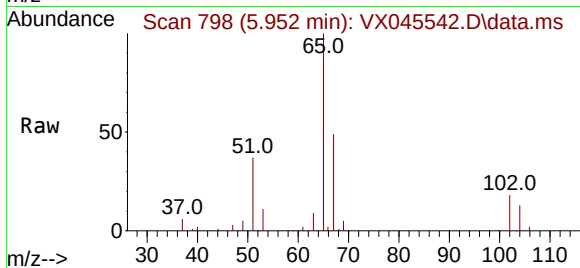
MW-19B-72-040125DL

Tgt Ion: 65 Resp: 58149

Ion Ratio Lower Upper

65 100

67 49.0 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: VX045542.D

Acq: 02 Apr 2025 13:21

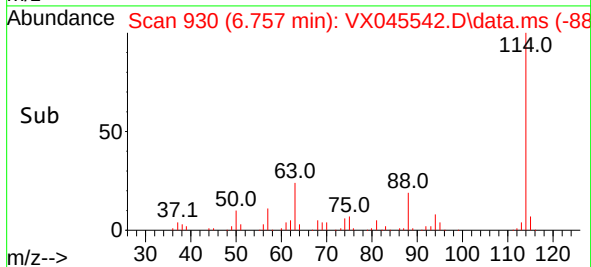
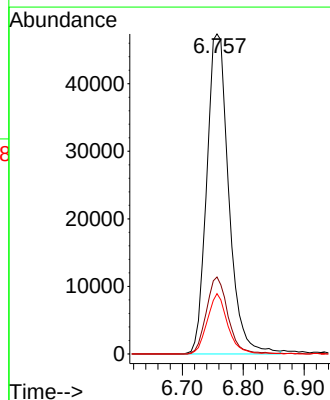
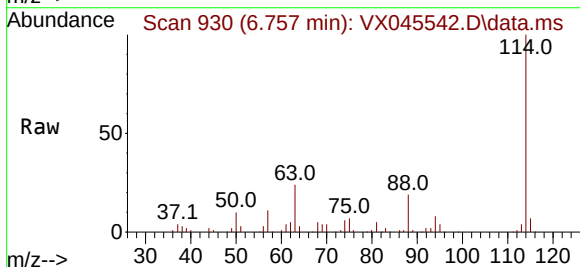
Tgt Ion: 114 Resp: 119039

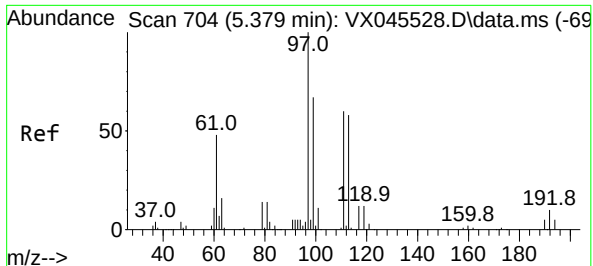
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

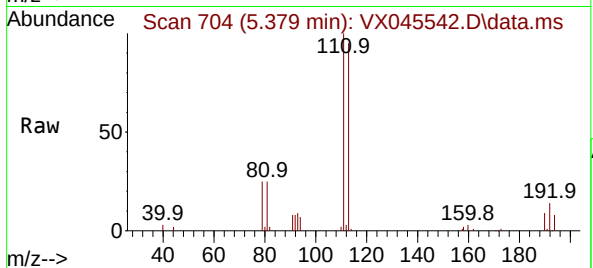
88 18.9 0.0 35.4



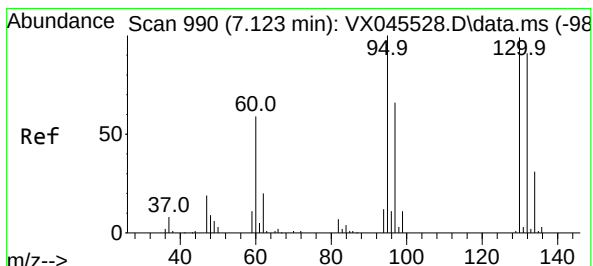
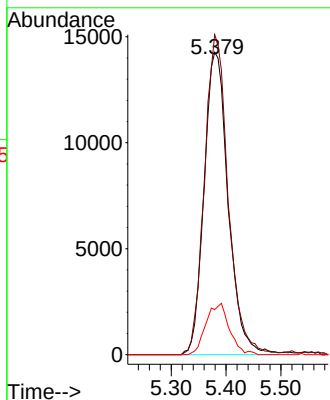
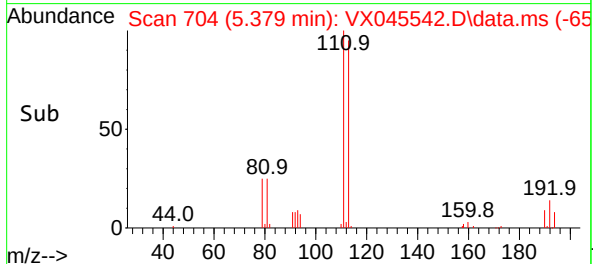


#35  
Dibromofluoromethane  
Concen: 51.657 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125DL

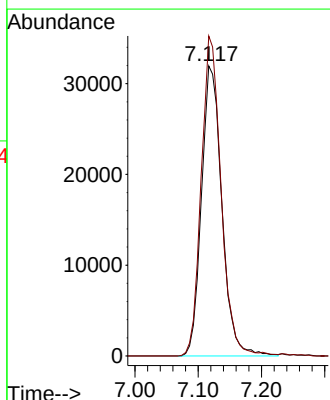
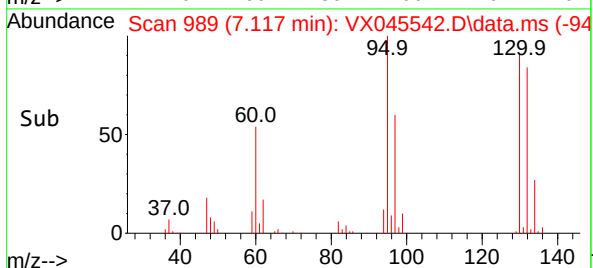
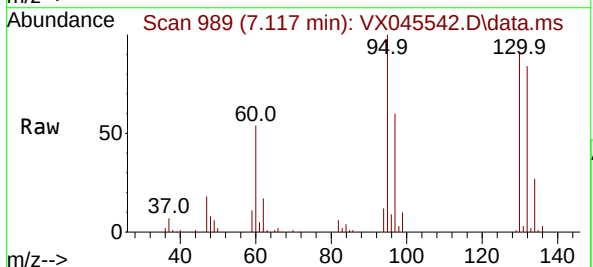


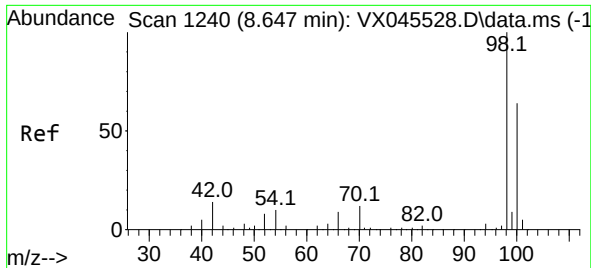
Tgt Ion:113 Resp: 43629  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.8 122.6  
192 16.5 13.8 20.6



#44  
Trichloroethene  
Concen: 86.731 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Tgt Ion:130 Resp: 71796  
Ion Ratio Lower Upper  
130 100  
95 110.3 0.0 202.0

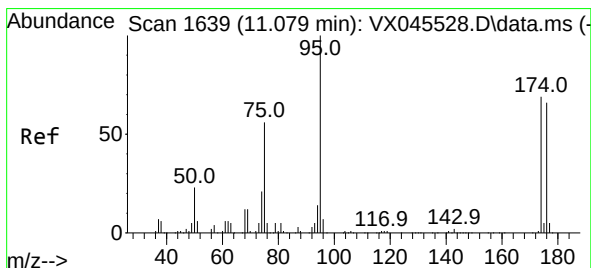
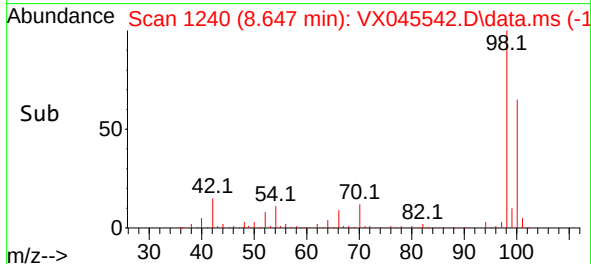
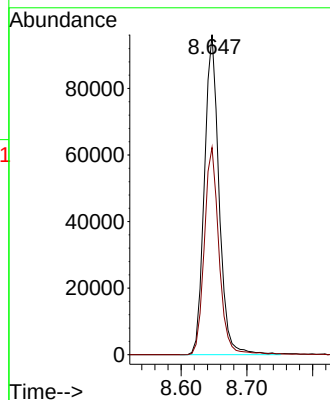
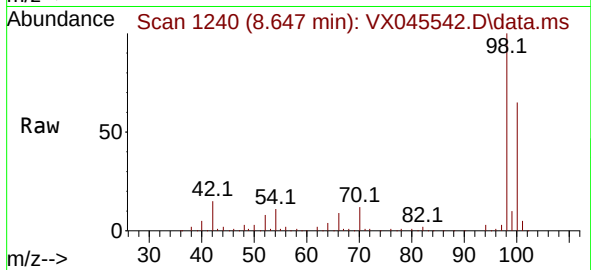




#50  
Toluene-d8  
Concen: 50.518 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

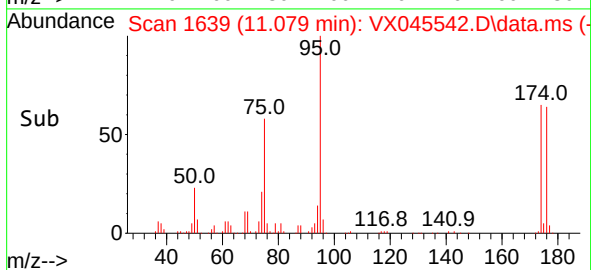
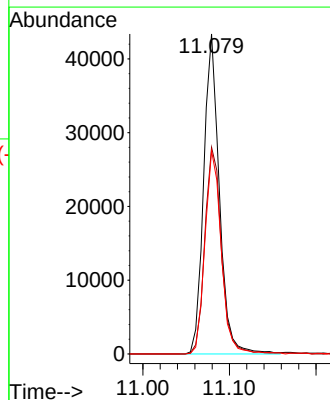
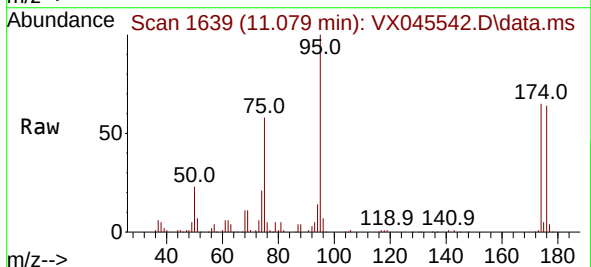
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125DL

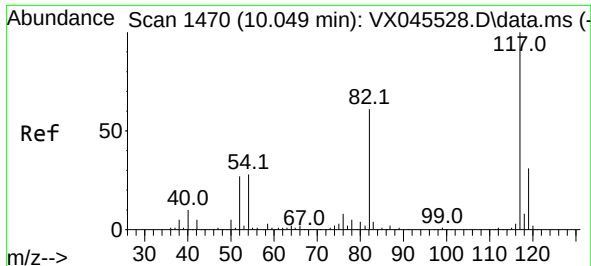
Tgt Ion: 98 Resp: 148923  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 50.897 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Tgt Ion: 95 Resp: 54652  
Ion Ratio Lower Upper  
95 100  
174 68.3 0.0 135.8  
176 66.0 0.0 131.4

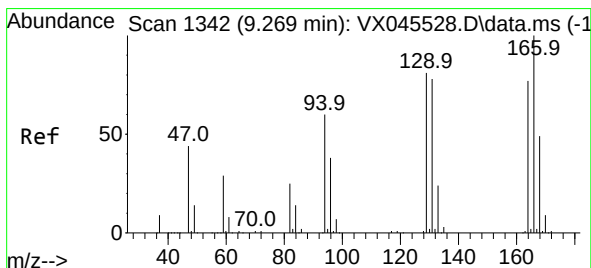
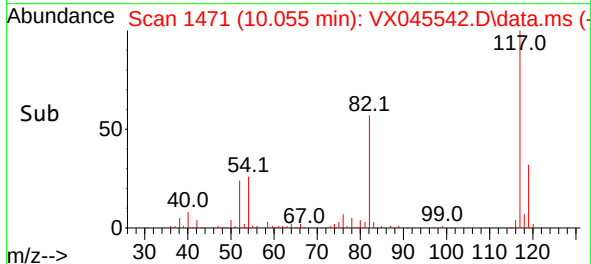
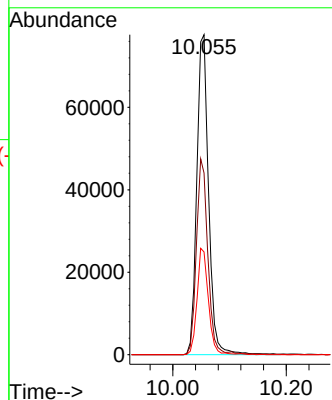
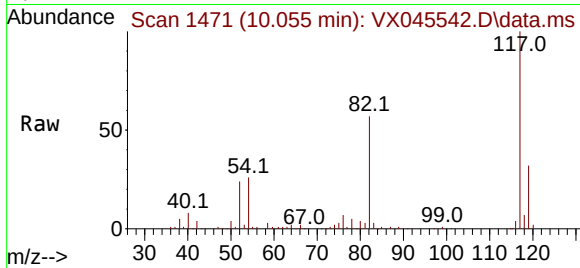




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

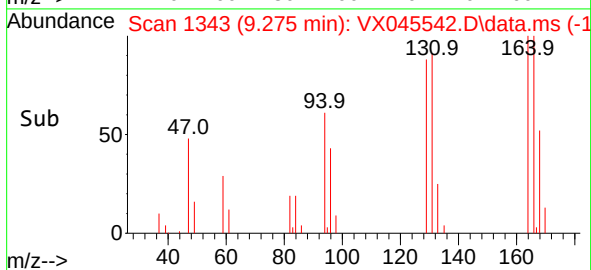
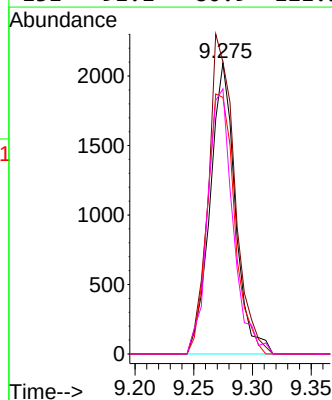
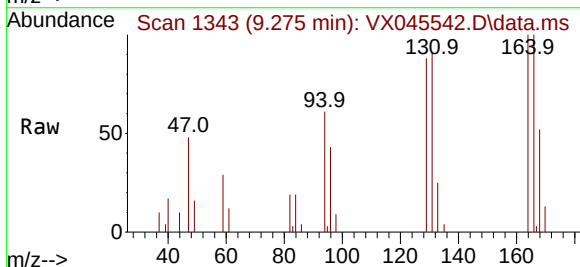
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125DL

Tgt Ion:117 Resp: 112137  
Ion Ratio Lower Upper  
117 100  
82 56.7 49.2 73.8  
119 32.1 25.1 37.7

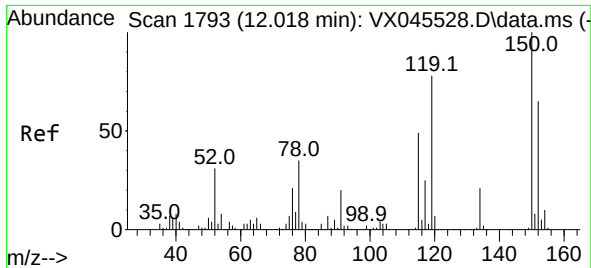


#64  
Tetrachloroethene  
Concen: 3.931 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX045542.D  
Acq: 02 Apr 2025 13:21

Tgt Ion:164 Resp: 3112  
Ion Ratio Lower Upper  
164 100  
166 100.4 103.8 155.8#  
129 88.2 84.3 126.5  
131 91.1 80.9 121.3







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045542.D

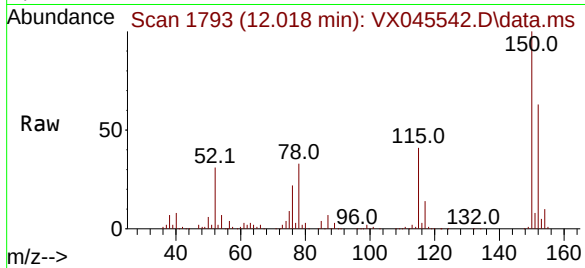
Acq: 02 Apr 2025 13:21

Instrument :

MSVOA\_X

ClientSampleId :

MW-19B-72-040125DL



Tgt Ion:152 Resp: 46922

Ion Ratio Lower Upper

152 100

115 63.8 46.9 140.7

150 156.3 0.0 349.4

