

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040725\  
 Data File : VX045625.D  
 Acq On : 07 Apr 2025 13:43  
 Operator : JC/MD  
 Sample : Q1741-01 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RMW-02B-66-040425

Quant Time: Apr 08 01:35:30 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

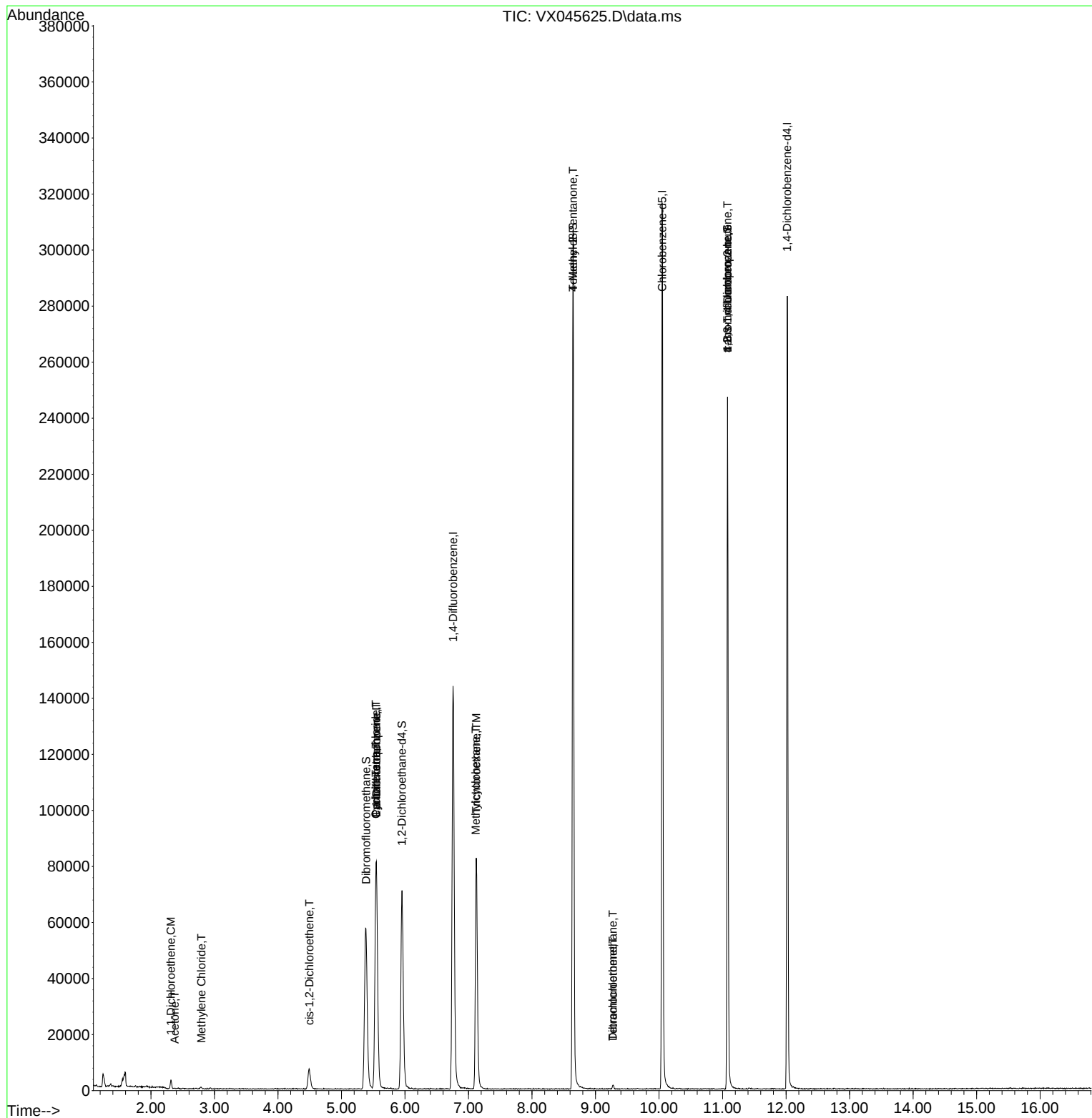
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 68867               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 137966              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049         | 117  | 131479              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 51667               | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 70442               | 55.933 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 111.860% |        |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 49539               | 50.608 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 101.220% |        |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 172172              | 50.392 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 100.780% |        |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 64409               | 51.754 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 103.500% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.313          | 96   | 857                 | 1.037  | ug/l   | 85       |
| 16) Acetone                   | 2.373          | 43   | 191                 | 0.369  | ug/l # | 47       |
| 20) Methylene Chloride        | 2.794          | 84   | 244                 | 0.252  | ug/l # | 56       |
| 27) cis-1,2-Dichloroethene    | 4.495          | 96   | 4307                | 4.185  | ug/l   | 93       |
| 31) Cyclohexane               | 5.544          | 56   | 2170                | 1.405  | ug/l # | 50       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 7157                | 5.415  | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.544          | 117  | 8109                | 5.677  | ug/l # | 13       |
| 39) Methylcyclohexane         | 7.117          | 83   | 437                 | 0.270  | ug/l # | 1        |
| 44) Trichloroethene           | 7.123          | 130  | 29771               | 31.030 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 1040                | 0.621  | ug/l # | 1        |
| 60) Dibromochloromethane      | 9.275          | 129  | 323                 | 0.304  | ug/l # | 10       |
| 64) Tetrachloroethene         | 9.275          | 164  | 335                 | 0.361  | ug/l # | 79       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 37001               | 29.359 | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 37001               | 99.642 | ug/l # | 1        |
| -----                         |                |      |                     |        |        |          |

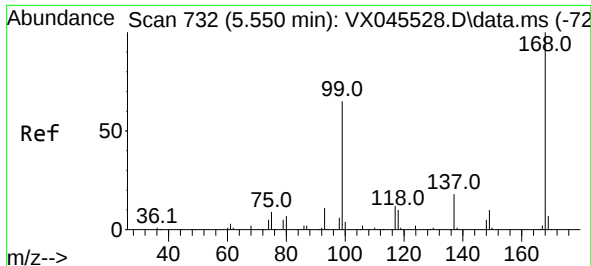
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040725\  
Data File : VX045625.D  
Acq On : 07 Apr 2025 13:43  
Operator : JC/MD  
Sample : Q1741-01 200X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

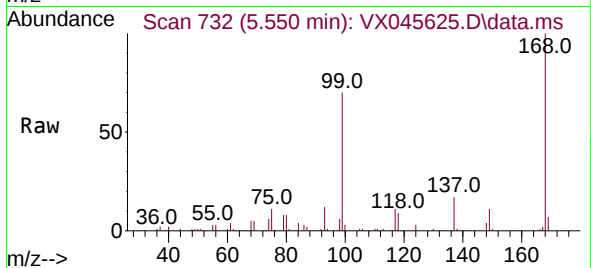
Quant Time: Apr 08 01:35:30 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration



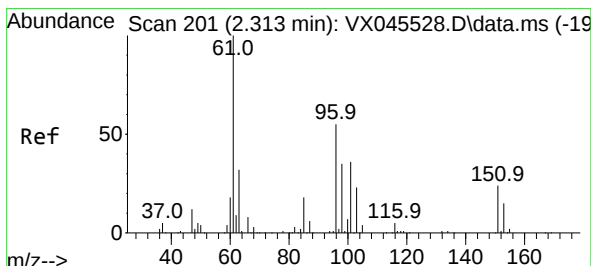
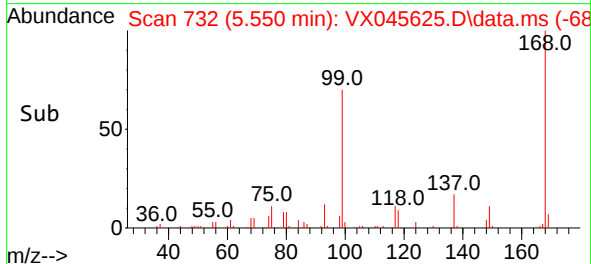
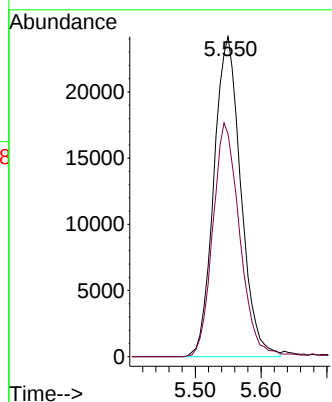


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

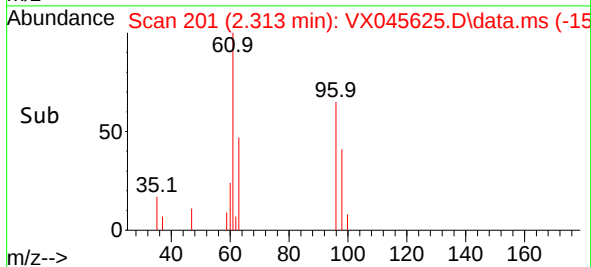
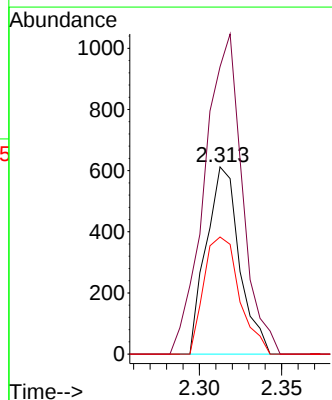
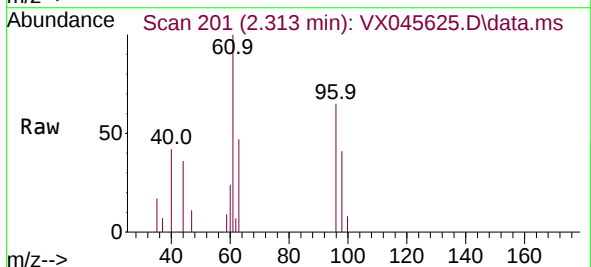


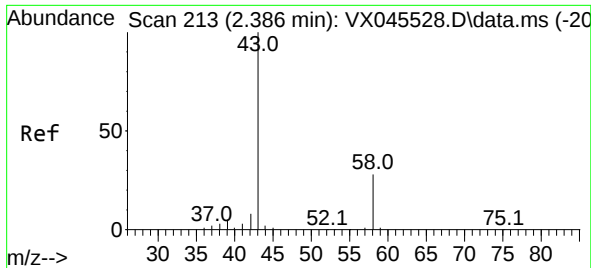
Tgt Ion:168 Resp: 68867  
Ion Ratio Lower Upper  
168 100  
99 69.6 52.3 78.5



#12  
1,1-Dichloroethene  
Concen: 1.037 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 96 Resp: 857  
Ion Ratio Lower Upper  
96 100  
61 153.6 145.7 218.5  
98 62.6 51.6 77.4

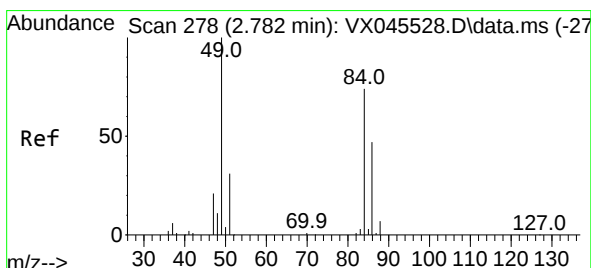
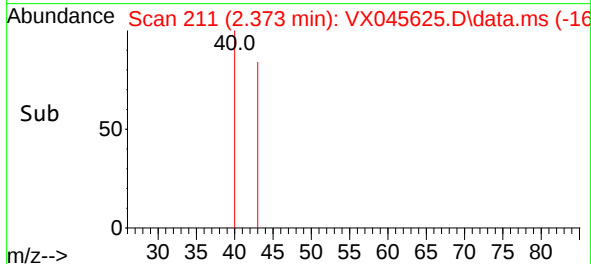
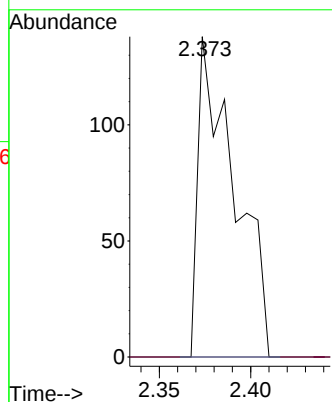
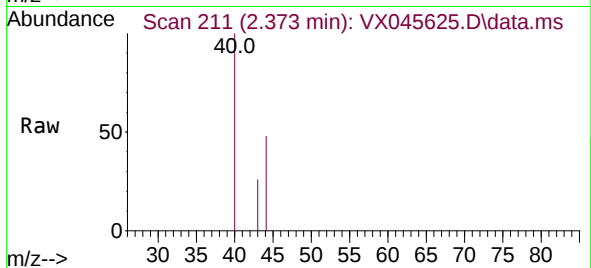




#16  
Acetone  
Concen: 0.369 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

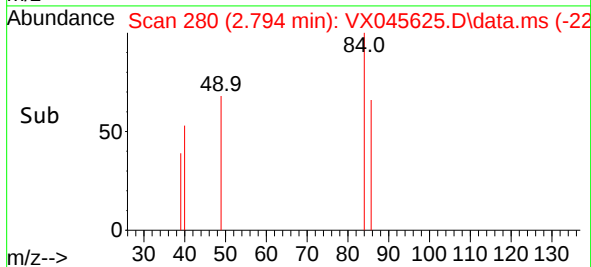
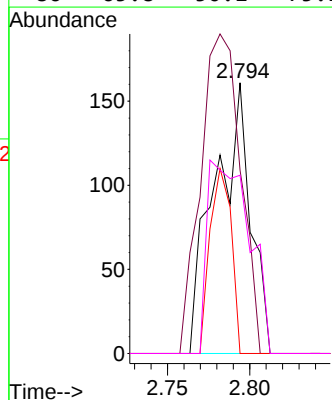
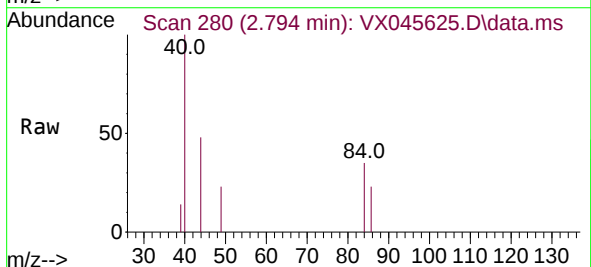
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

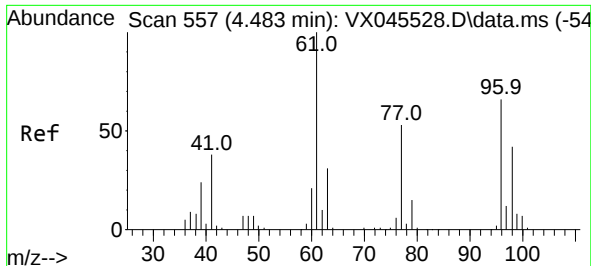
Tgt Ion: 43 Resp: 191  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.3 33.5#



#20  
Methylene Chloride  
Concen: 0.252 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.012 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 84 Resp: 244  
Ion Ratio Lower Upper  
84 100  
49 67.7 107.5 161.3#  
51 0.0 33.0 49.6#  
86 65.8 50.1 75.1





#27

cis-1,2-Dichloroethene

Concen: 4.185 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045625.D

Acq: 07 Apr 2025 13:43

Instrument :

MSVOA\_X

ClientSampleId :

RMW-02B-66-040425

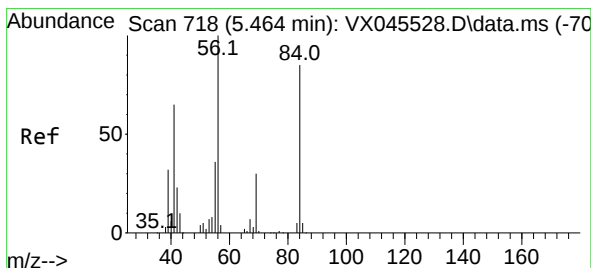
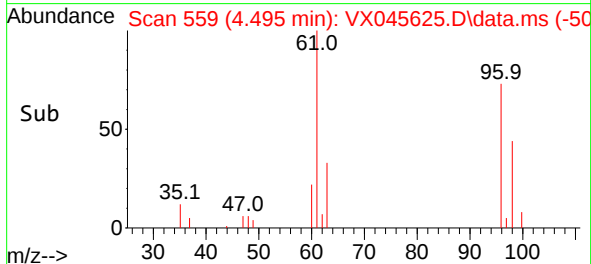
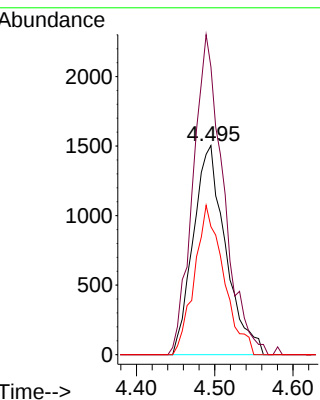
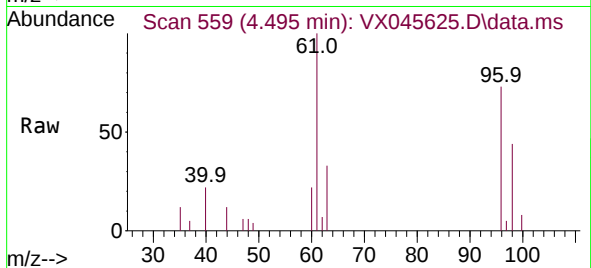
Tgt Ion: 96 Resp: 4307

Ion Ratio Lower Upper

96 100

61 144.2 0.0 313.2

98 64.7 0.0 126.4



#31

Cyclohexane

Concen: 1.405 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045625.D

Acq: 07 Apr 2025 13:43

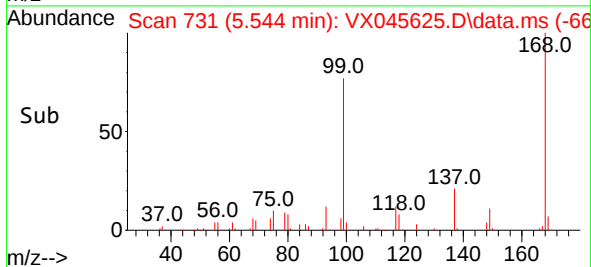
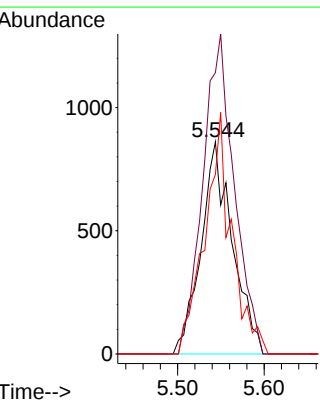
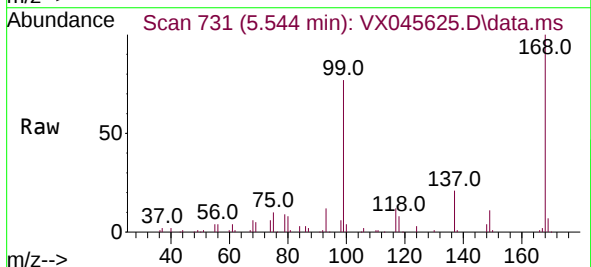
Tgt Ion: 56 Resp: 2170

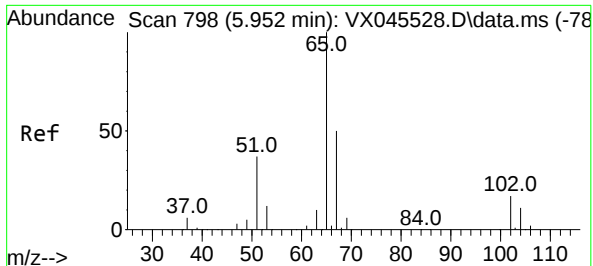
Ion Ratio Lower Upper

56 100

69 132.6 23.6 35.4#

84 84.7 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 55.933 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045625.D

Acq: 07 Apr 2025 13:43

Instrument :

MSVOA\_X

ClientSampleId :

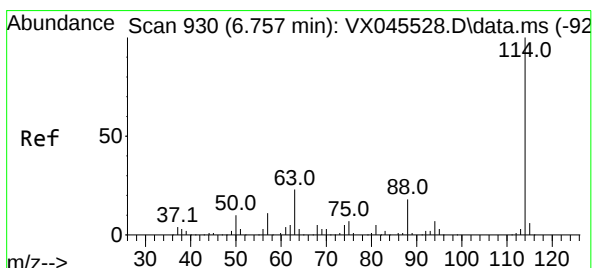
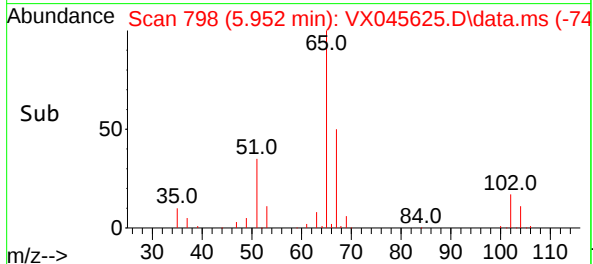
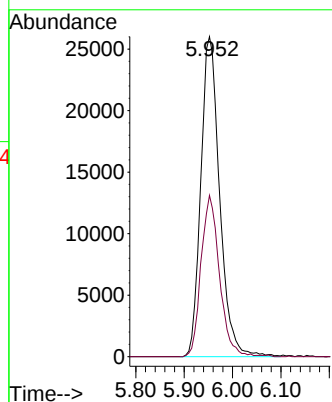
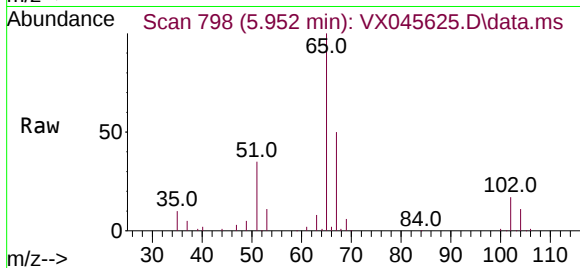
RMW-02B-66-040425

Tgt Ion: 65 Resp: 70442

Ion Ratio Lower Upper

65 100

67 49.2 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: VX045625.D

Acq: 07 Apr 2025 13:43

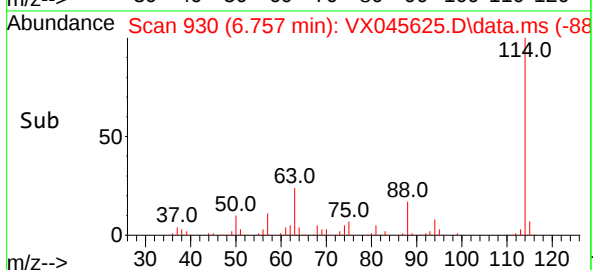
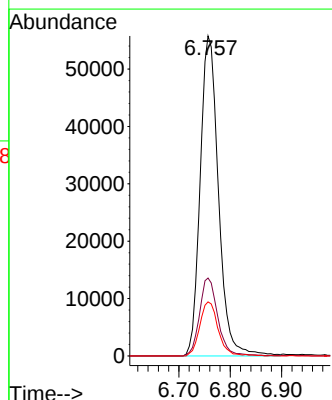
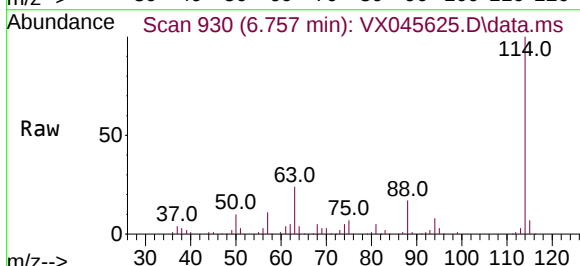
Tgt Ion: 114 Resp: 137966

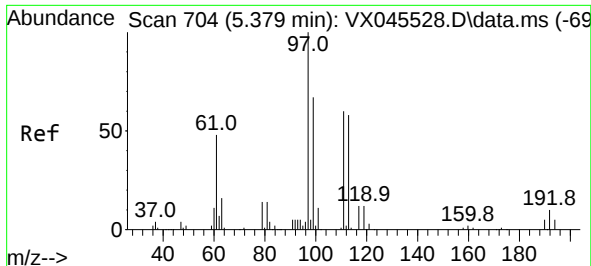
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.9 0.0 35.4

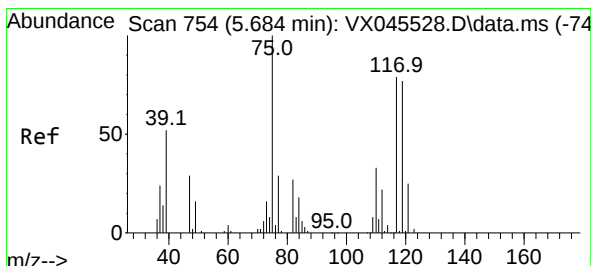
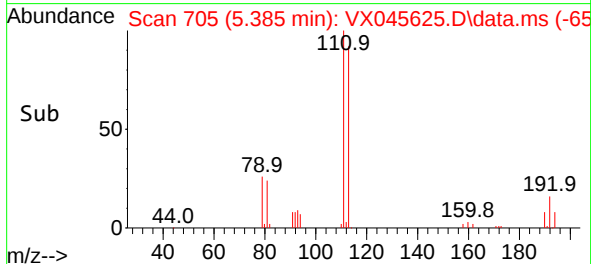
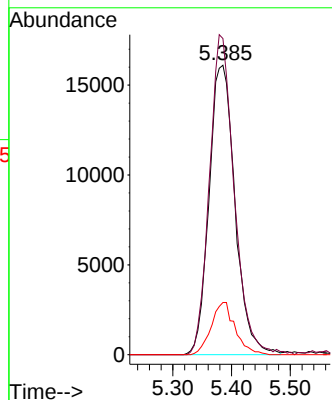
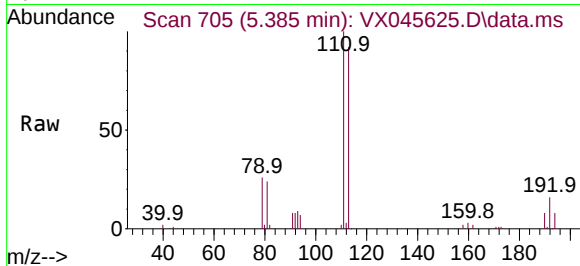




#35  
Dibromofluoromethane  
Concen: 50.608 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

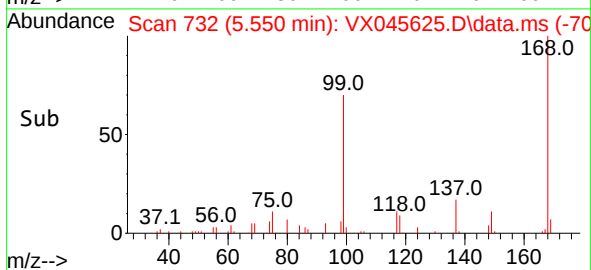
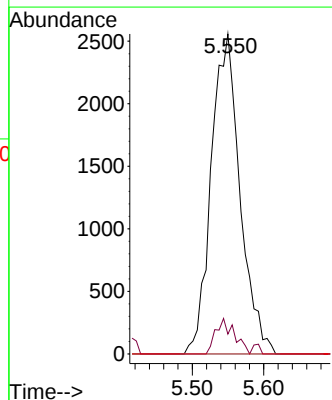
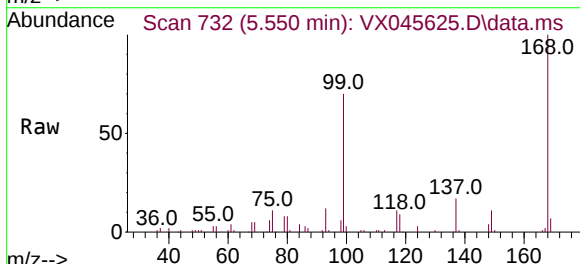
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

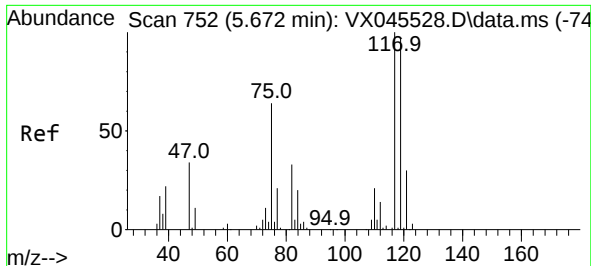
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| Tgt Ion: | 113   | Resp: | 49539 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.6 | 81.8  | 122.6 |
| 192      | 16.7  | 13.8  | 20.6  |



#36  
1,1-Dichloropropene  
Concen: 5.415 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.134 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

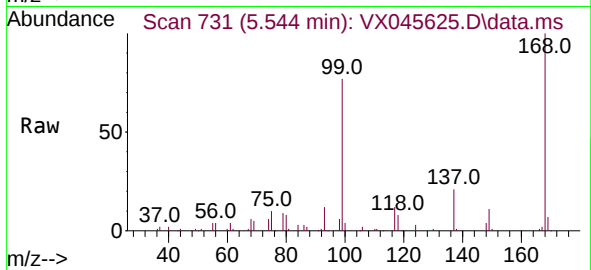
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|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7157  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 7.1   | 16.9  | 50.6# |
| 77       | 0.0   | 25.0  | 37.4# |



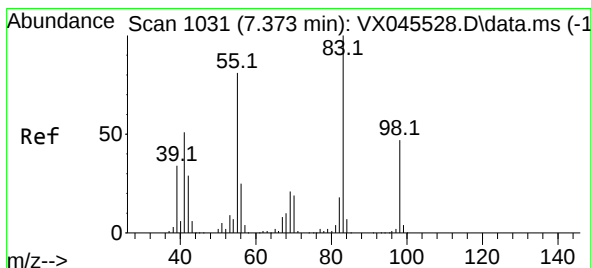
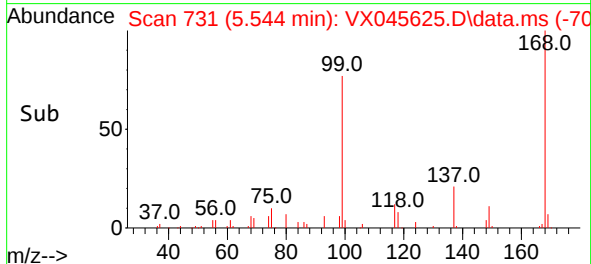
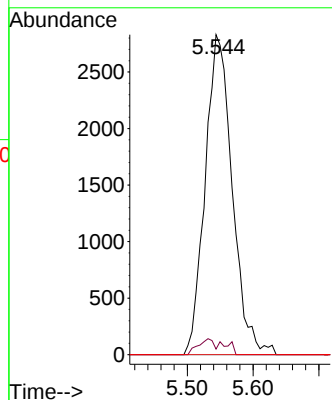


#38  
Carbon Tetrachloride  
Concen: 5.677 ug/l  
RT: 5.544 min Scan# 711  
Delta R.T. -0.128 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

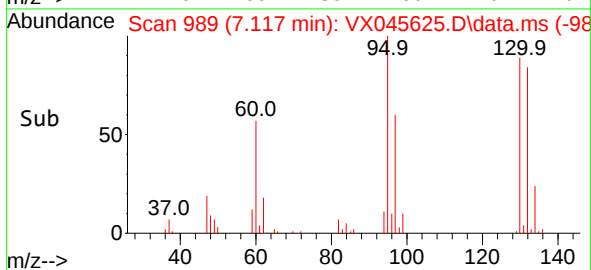
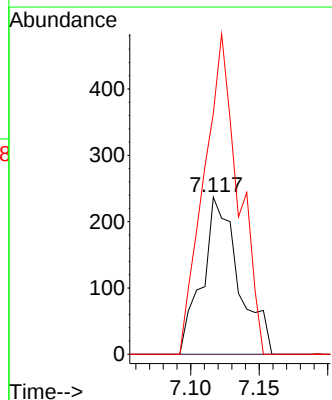
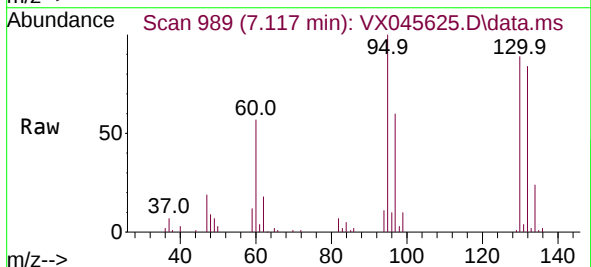


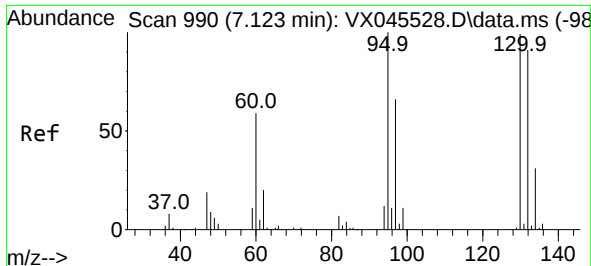
Tgt Ion:117 Resp: 8109  
Ion Ratio Lower Upper  
117 100  
119 1.8 76.9 115.3#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 0.270 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. -0.256 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 83 Resp: 437  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.9 97.3#  
98 153.2 37.4 56.0#

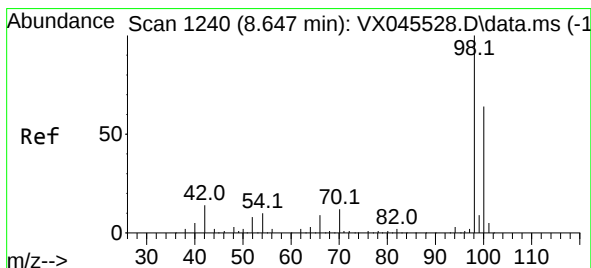
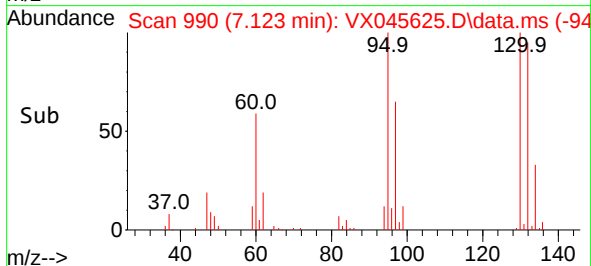
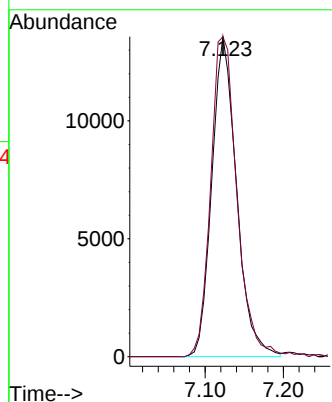
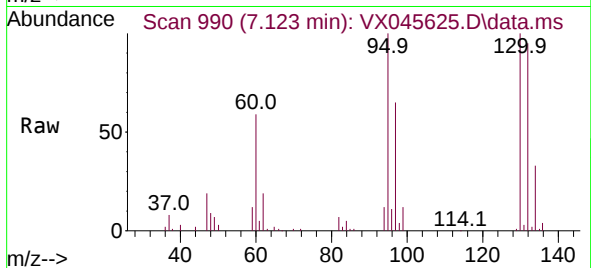




#44  
Trichloroethene  
Concen: 31.030 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

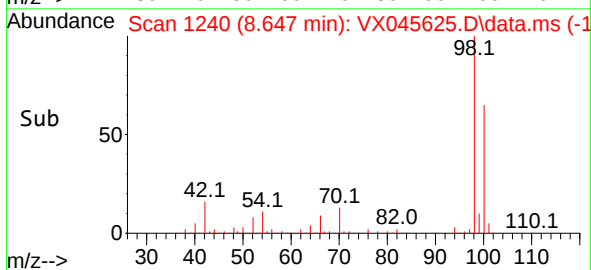
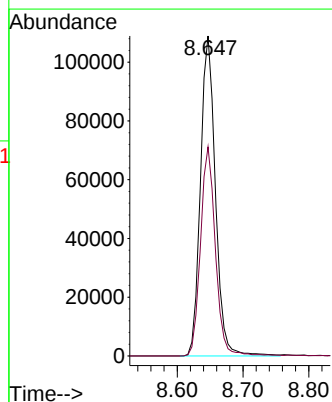
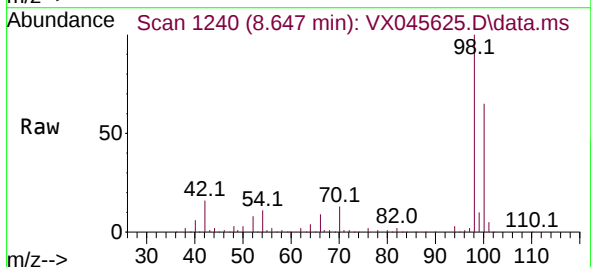
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

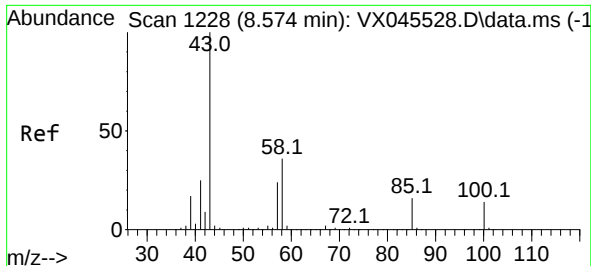
Tgt Ion:130 Resp: 29771  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 202.0



#50  
Toluene-d8  
Concen: 50.392 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 98 Resp: 172172  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.4

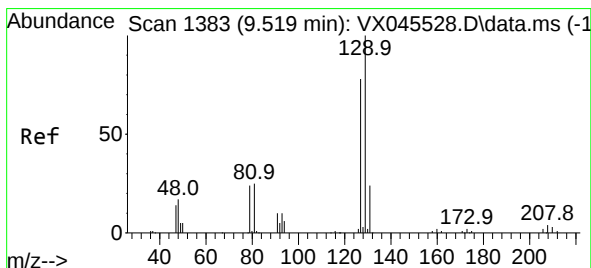
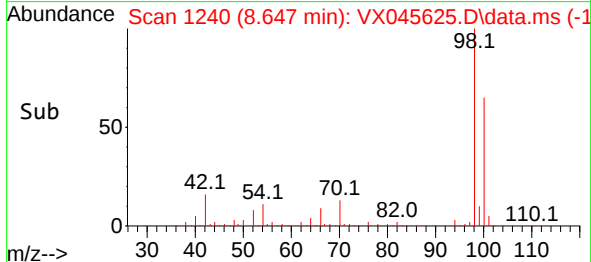
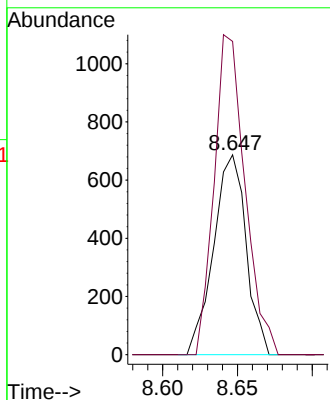
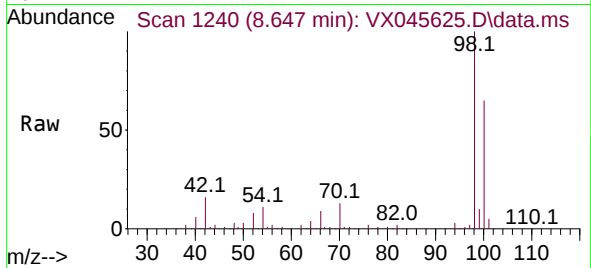




#51  
4-Methyl-2-Pentanone  
Concen: 0.621 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

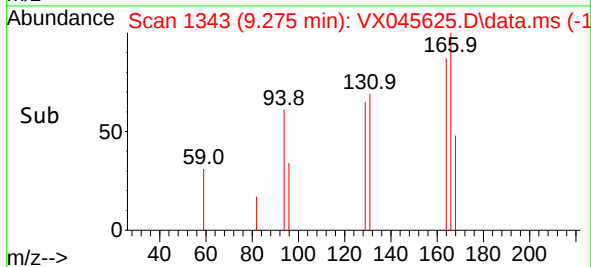
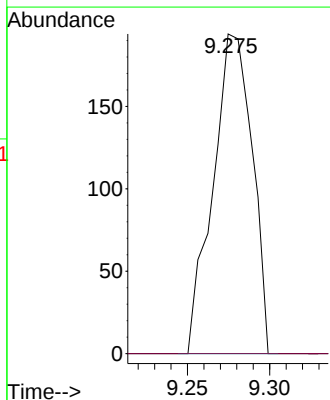
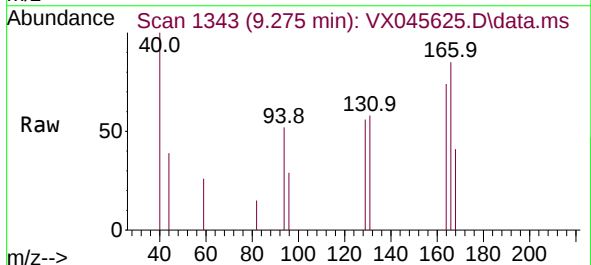
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

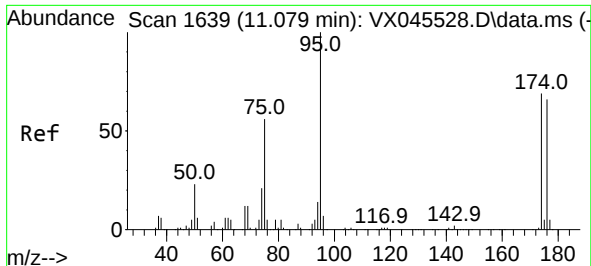
Tgt Ion: 43 Resp: 1040  
Ion Ratio Lower Upper  
43 100  
58 151.9 28.5 42.7#



#60  
Dibromochloromethane  
Concen: 0.304 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.244 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 129 Resp: 323  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.4 118.2#

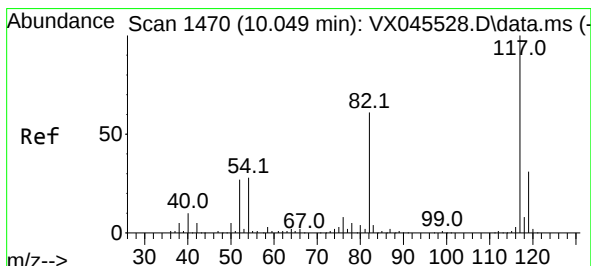
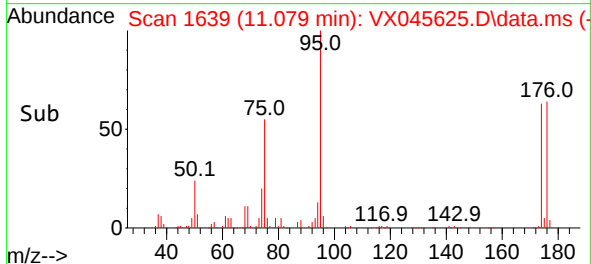
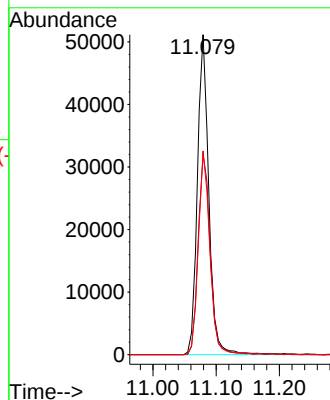
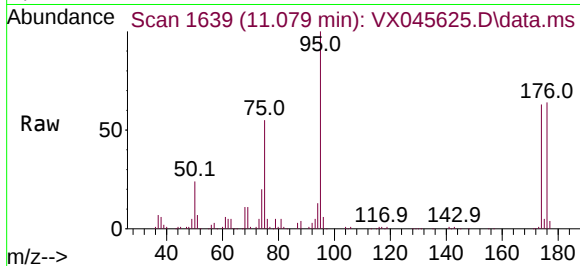




#62  
4-Bromofluorobenzene  
Concen: 51.754 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

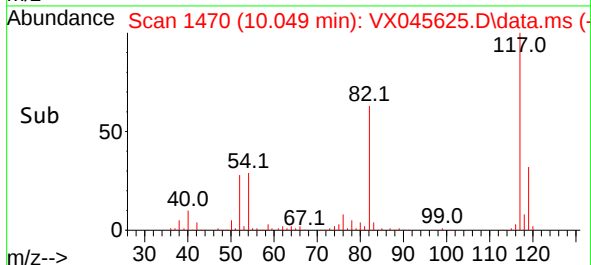
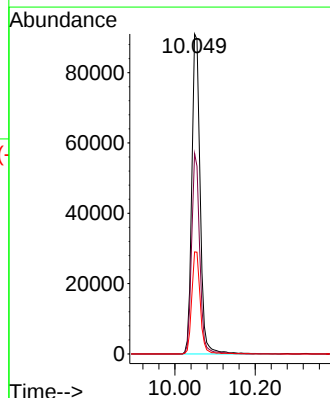
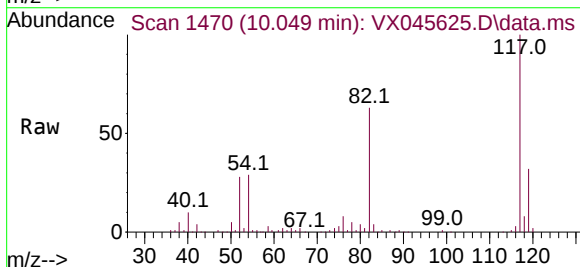
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

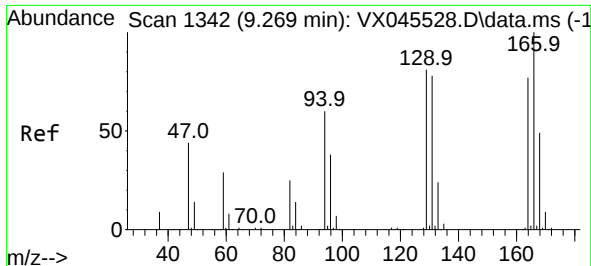
Tgt Ion: 95 Resp: 64409  
Ion Ratio Lower Upper  
95 100  
174 66.7 0.0 135.8  
176 64.1 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 117 Resp: 131479  
Ion Ratio Lower Upper  
117 100  
82 62.6 49.2 73.8  
119 31.9 25.1 37.7

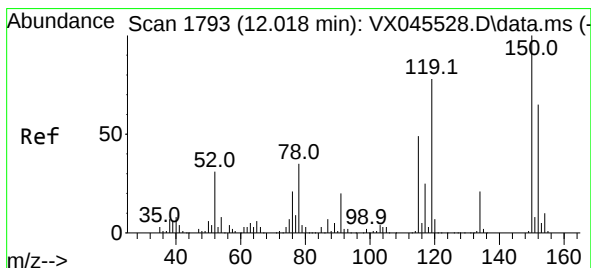
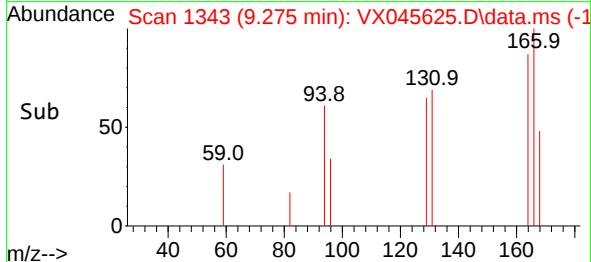
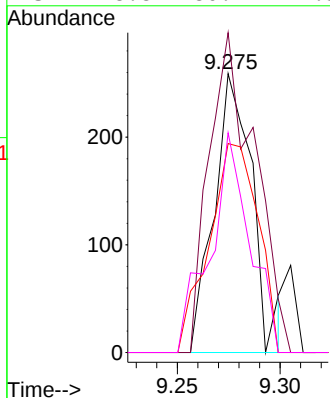
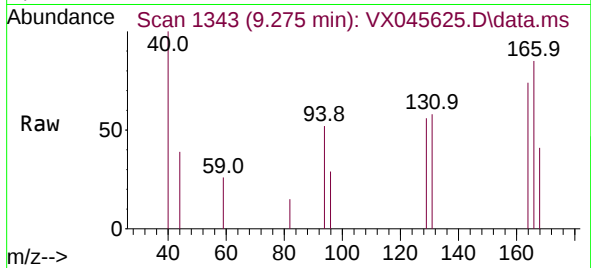




#64  
Tetrachloroethene  
Concen: 0.361 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

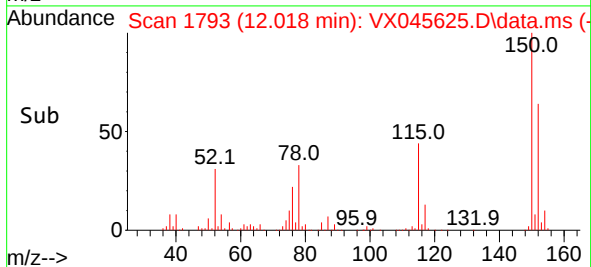
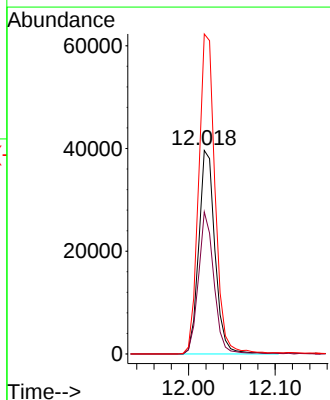
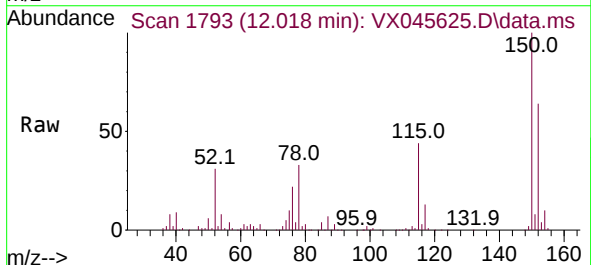
Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

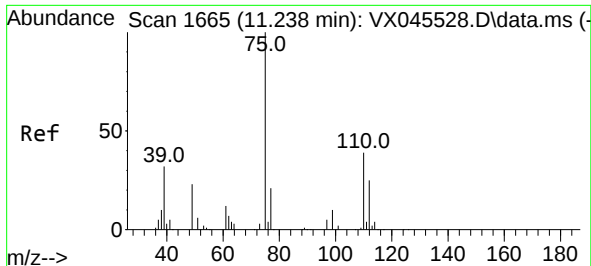
Tgt Ion:164 Resp: 335  
Ion Ratio Lower Upper  
164 100  
166 114.7 103.8 155.8  
129 74.9 84.3 126.5#  
131 78.8 80.9 121.3#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion:152 Resp: 51667  
Ion Ratio Lower Upper  
152 100  
115 66.4 46.9 140.7  
150 159.3 0.0 349.4

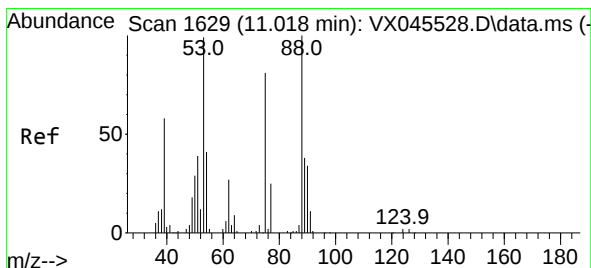
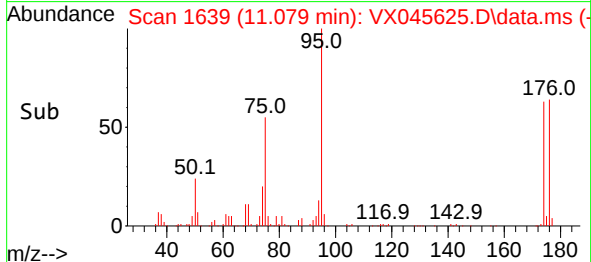
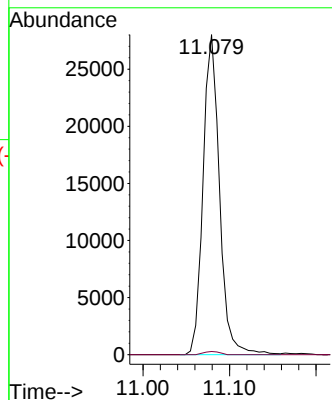
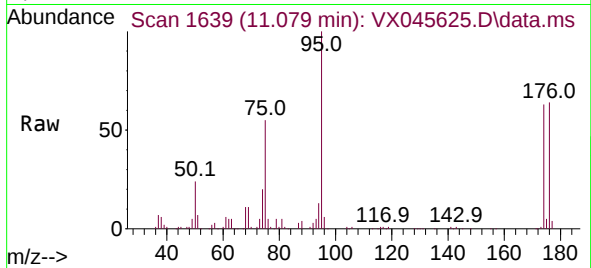




#76  
1,2,3-Trichloropropane  
Concen: 29.359 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
RMW-02B-66-040425

Tgt Ion: 75 Resp: 37001  
Ion Ratio Lower Upper  
75 100  
77 1.0 20.0 59.9#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 99.642 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX045625.D  
Acq: 07 Apr 2025 13:43

Tgt Ion: 75 Resp: 37001  
Ion Ratio Lower Upper  
75 100  
53 0.0 101.8 152.6#  
89 0.0 37.2 55.8#

