

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010625\  
 Data File : VX044585.D  
 Acq On : 06 Jan 2025 11:07  
 Operator : JC/MD  
 Sample : VX0106WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 06 16:02:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

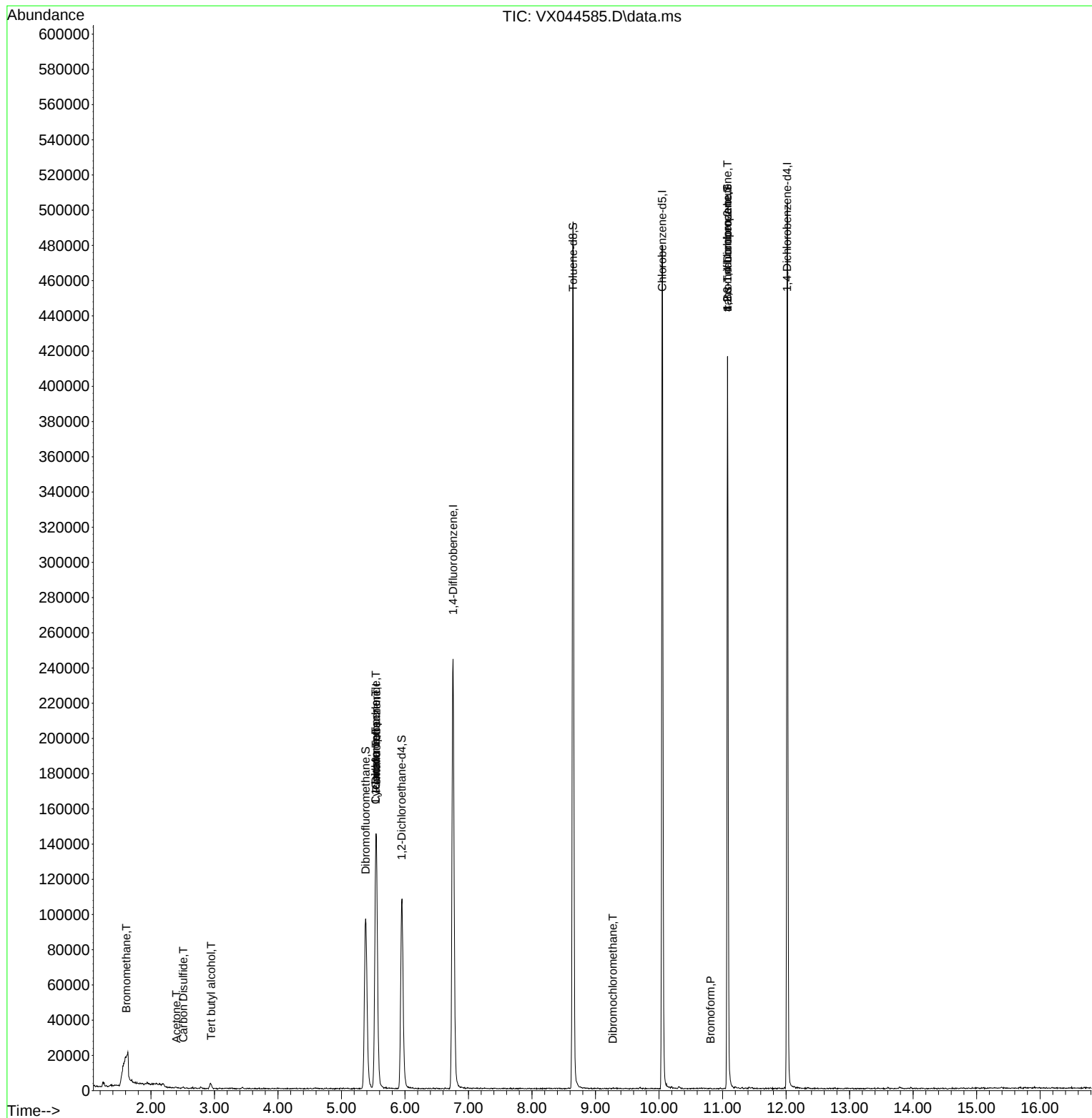
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.549          | 168  | 138122     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.756          | 114  | 249283     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049         | 117  | 219263     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 101513     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946          | 65   | 105902     | 43.730   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 87.460%  |        |          |
| 35) Dibromofluoromethane      | 5.379          | 113  | 85011      | 49.239   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 98.480%  |        |          |
| 50) Toluene-d8                | 8.646          | 98   | 298900     | 51.315   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 102.640% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 105943     | 52.052   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = | 104.100% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Bromomethane               | 1.611          | 94   | 770        | 0.510    | ug/l # | 53       |
| 11) Tert butyl alcohol        | 2.946          | 59   | 1352       | 3.961    | ug/l # | 71       |
| 16) Acetone                   | 2.397          | 43   | 370        | 0.375    | ug/l # | 48       |
| 17) Carbon Disulfide          | 2.507          | 76   | 873        | 0.297    | ug/l # | 91       |
| 31) Cyclohexane               | 5.537          | 56   | 3326       | 1.272    | ug/l # | 23       |
| 36) 1,1-Dichloropropene       | 5.537          | 75   | 11335      | 5.079    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.543          | 117  | 14502      | 6.036    | ug/l # | 16       |
| 60) Dibromochloromethane      | 9.274          | 129  | 46         | 1.257    | ug/l # | 11       |
| 71) Bromoform                 | 10.811         | 173  | 63         | 1.295    | ug/l # | 29       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 55958      | 24.689   | ug/l # | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 55958      | 68.431   | ug/l # | 4        |
| -----                         |                |      |            |          |        |          |

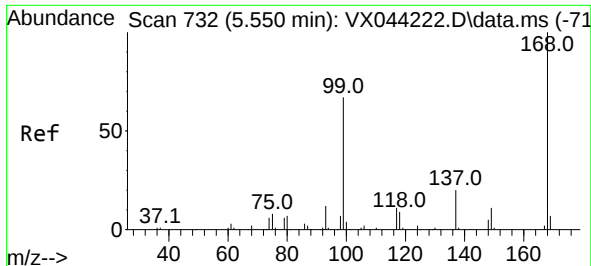
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010625\  
Data File : VX044585.D  
Acq On : 06 Jan 2025 11:07  
Operator : JC/MD  
Sample : VX0106WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

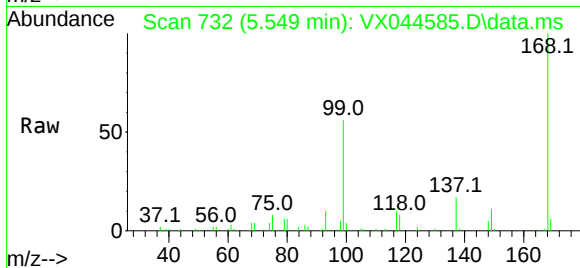
Quant Time: Jan 06 16:02:37 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



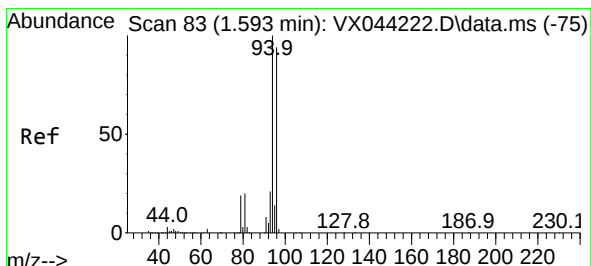
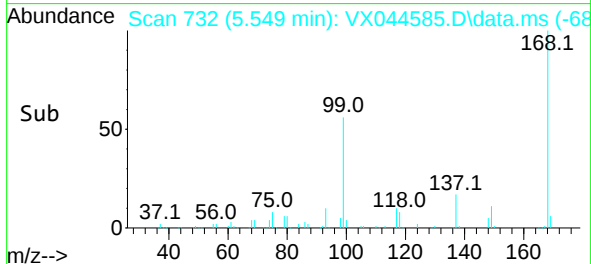
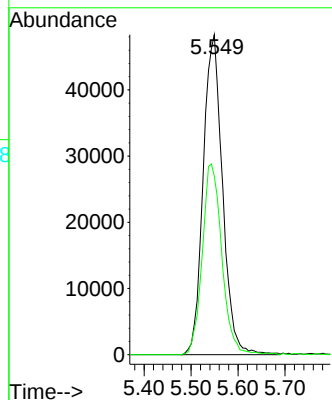


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :

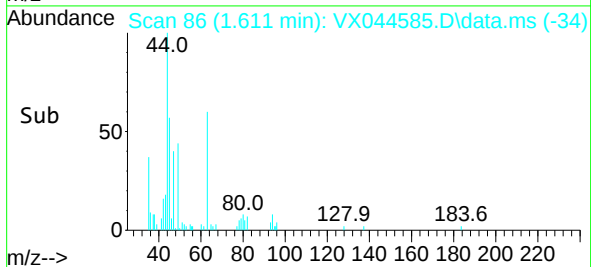
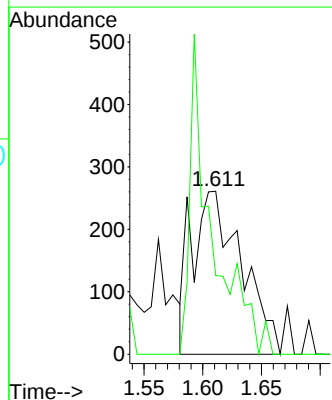
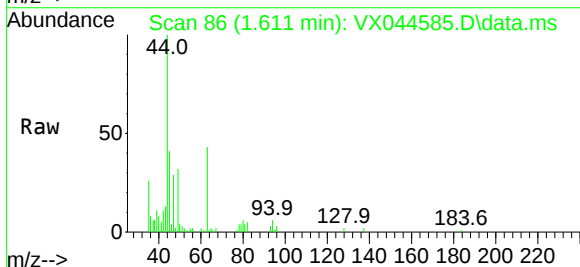


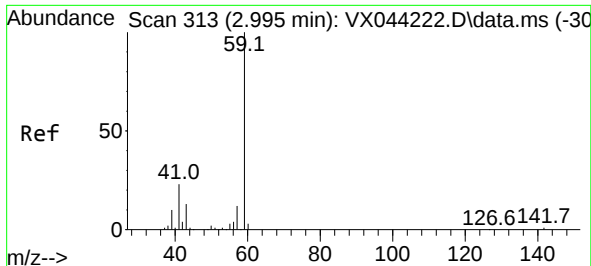
Tgt Ion:168 Resp: 138122  
Ion Ratio Lower Upper  
168 100  
99 55.8 53.4 80.0



#5  
Bromomethane  
Concen: 0.510 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.018 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Tgt Ion: 94 Resp: 770  
Ion Ratio Lower Upper  
94 100  
96 48.3 74.9 112.3#





#11

Tert butyl alcohol

Concen: 3.961 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

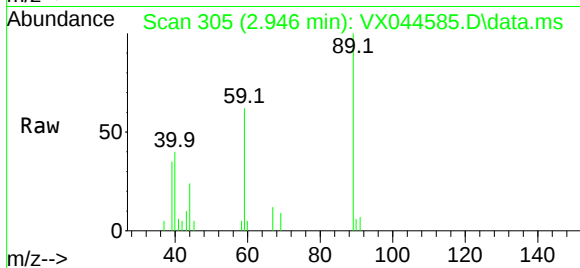
Lab File: VX044585.D

Acq: 06 Jan 2025 11:07

Instrument :

MSVOA\_X

ClientSampleId :

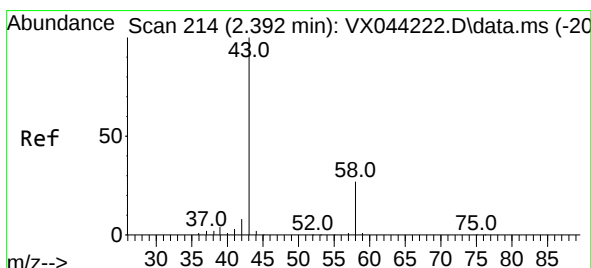
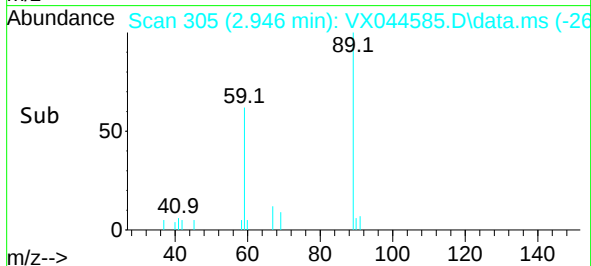
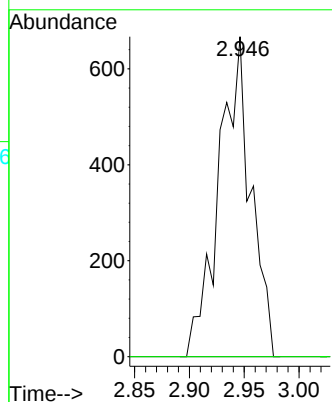


Tgt Ion: 59 Resp: 1352

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.375 ug/l

RT: 2.397 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX044585.D

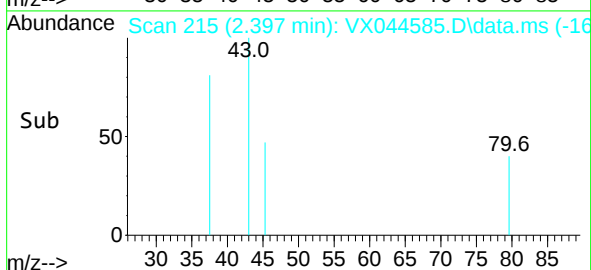
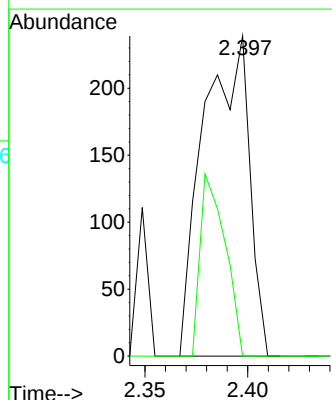
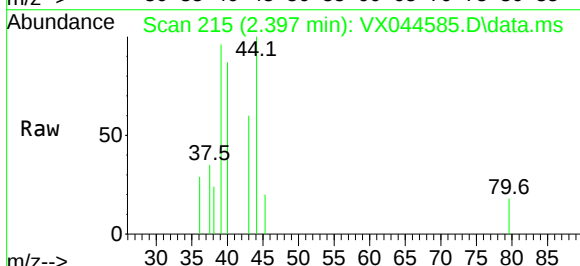
Acq: 06 Jan 2025 11:07

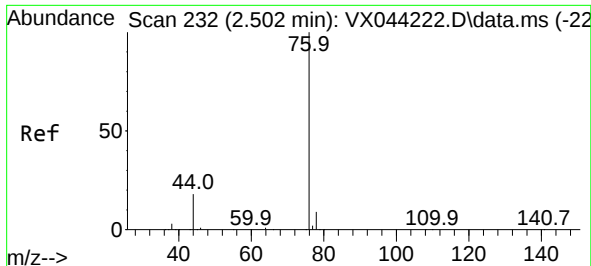
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

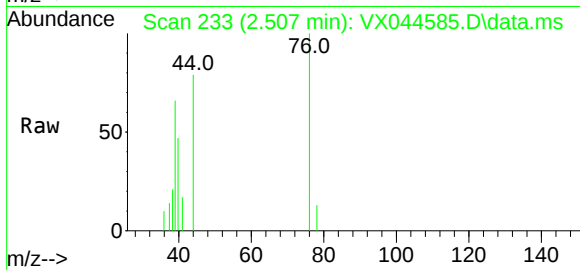
58 0.0 21.6 32.4#



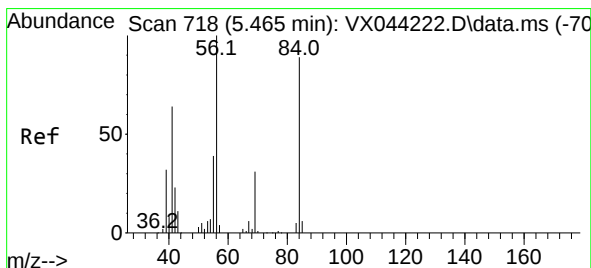
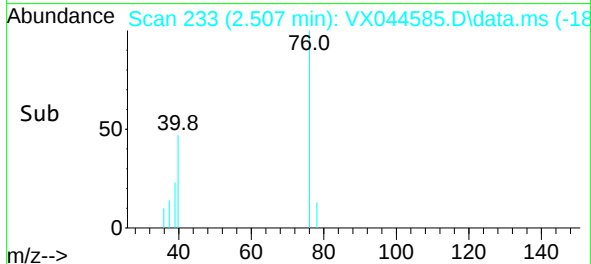
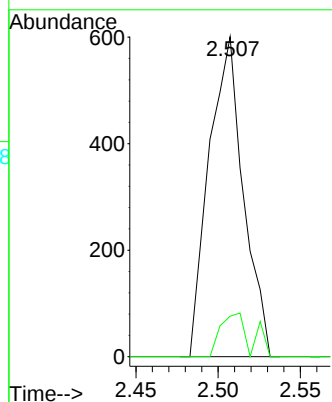


#17  
Carbon Disulfide  
Concen: 0.297 ug/l  
RT: 2.507 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :

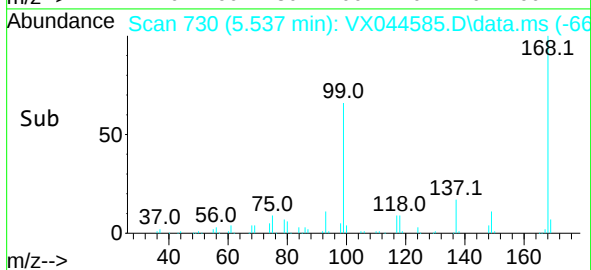
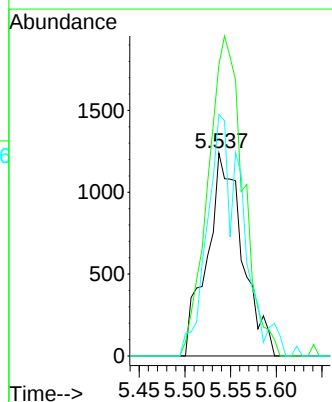
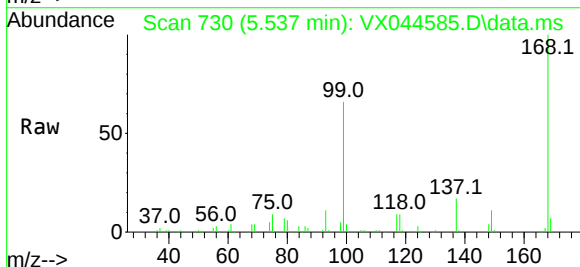


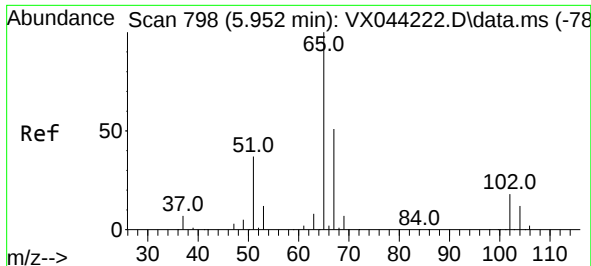
Tgt Ion: 76 Resp: 873  
Ion Ratio Lower Upper  
76 100  
78 12.6 7.4 11.0#



#31  
Cyclohexane  
Concen: 1.272 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. 0.073 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Tgt Ion: 56 Resp: 3326  
Ion Ratio Lower Upper  
56 100  
69 143.8 24.7 37.1#  
84 119.1 71.0 106.6#

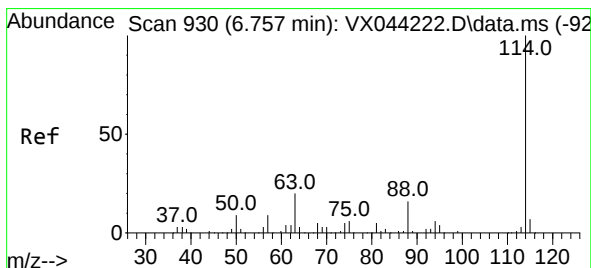
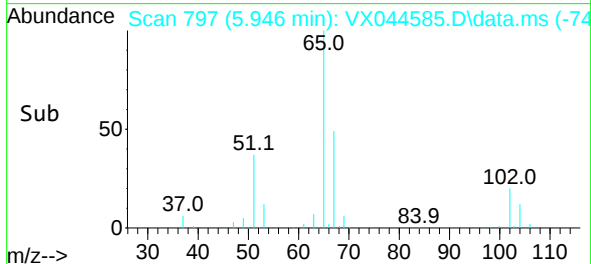
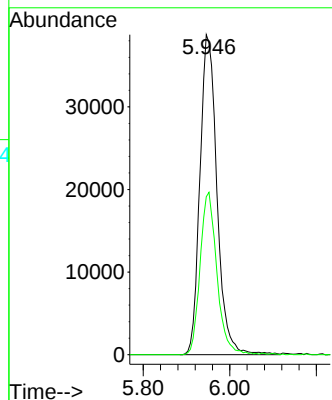
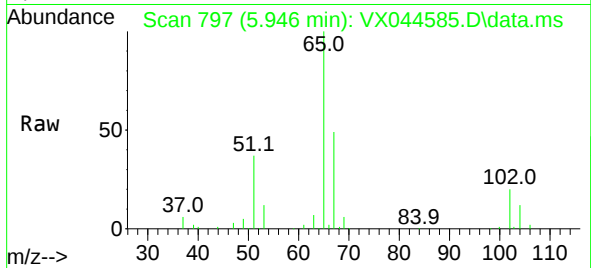




#33  
 1,2-Dichloroethane-d4  
 Concen: 43.730 ug/l  
 RT: 5.946 min Scan# 798  
 Delta R.T. -0.007 min  
 Lab File: VX044585.D  
 Acq: 06 Jan 2025 11:07

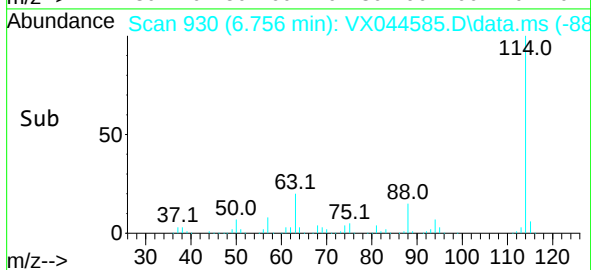
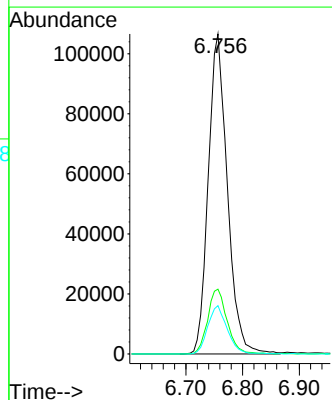
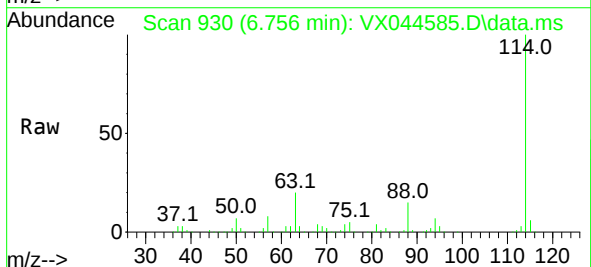
Instrument :  
 MSVOA\_X  
 ClientSampleId :

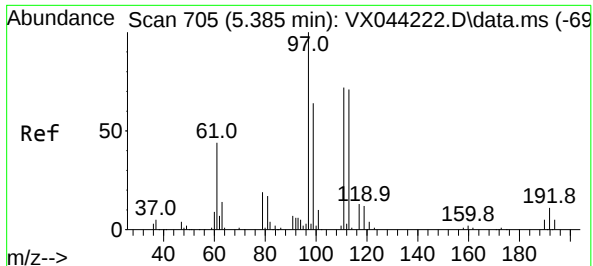
Tgt Ion: 65 Resp: 105902  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.756 min Scan# 930  
 Delta R.T. -0.001 min  
 Lab File: VX044585.D  
 Acq: 06 Jan 2025 11:07

Tgt Ion: 114 Resp: 249283  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 40.6  
 88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.239 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

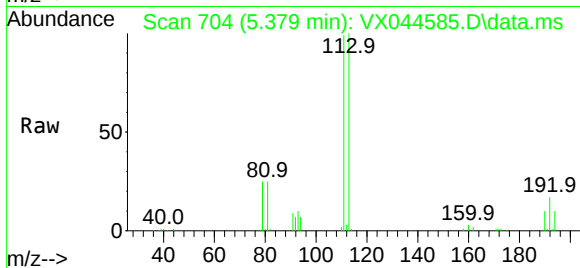
Lab File: VX044585.D

Acq: 06 Jan 2025 11:07

Instrument :

MSVOA\_X

ClientSampleId :



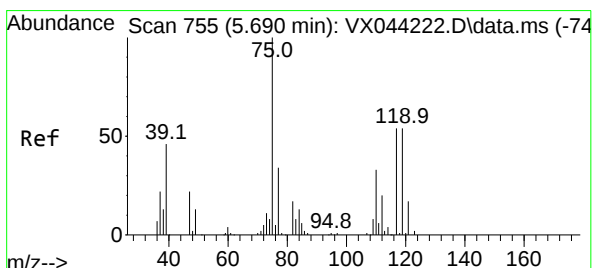
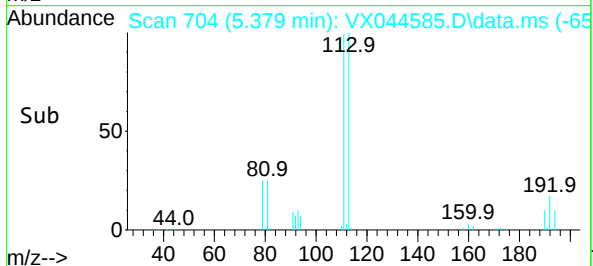
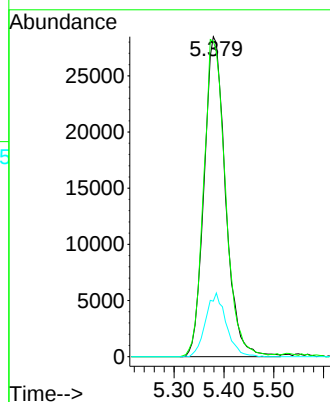
Tgt Ion:113 Resp: 85011

Ion Ratio Lower Upper

113 100

111 100.6 80.4 120.6

192 19.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.079 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.153 min

Lab File: VX044585.D

Acq: 06 Jan 2025 11:07

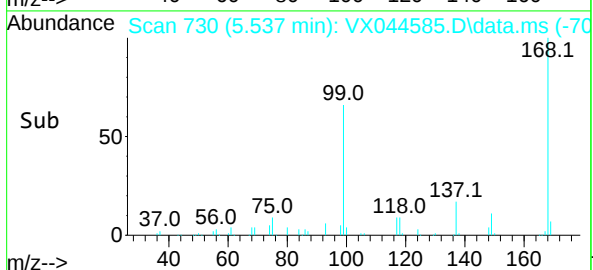
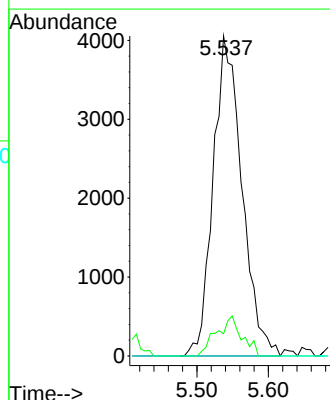
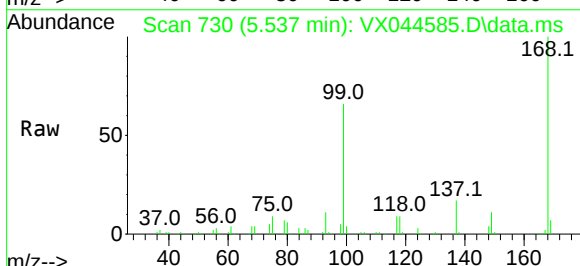
Tgt Ion: 75 Resp: 11335

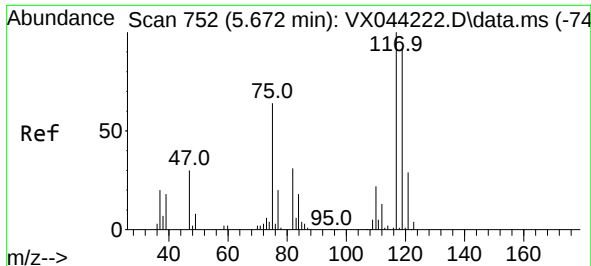
Ion Ratio Lower Upper

75 100

110 10.9 17.3 51.7#

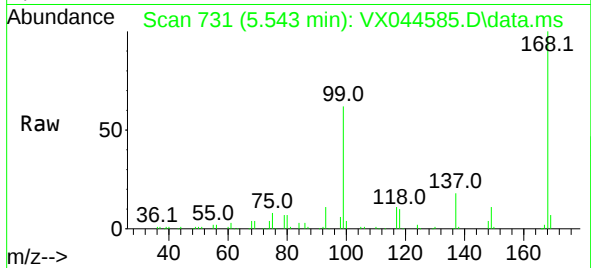
77 0.0 25.4 38.0#



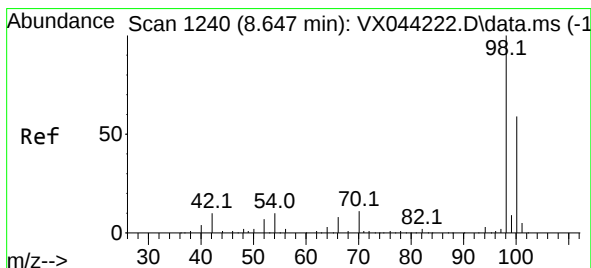
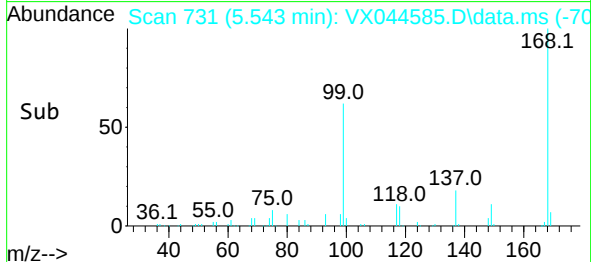
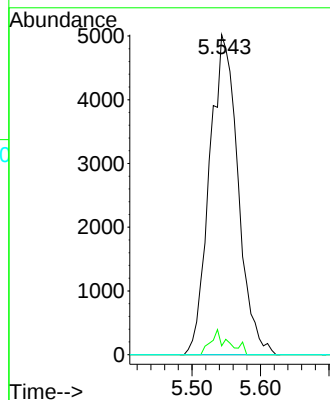


#38  
Carbon Tetrachloride  
Concen: 6.036 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.129 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :

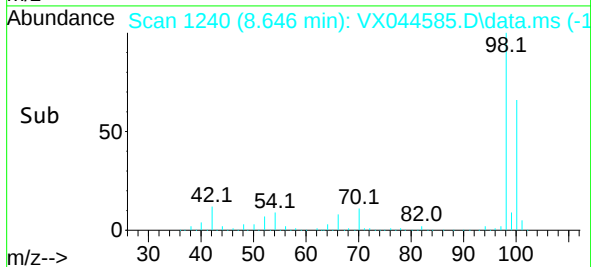
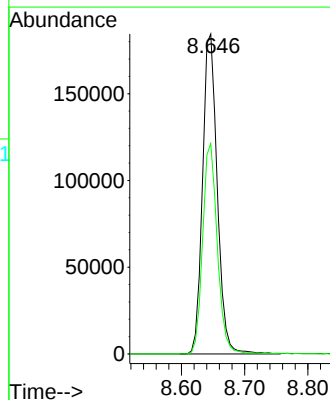
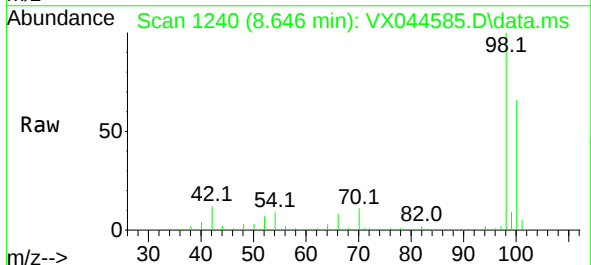


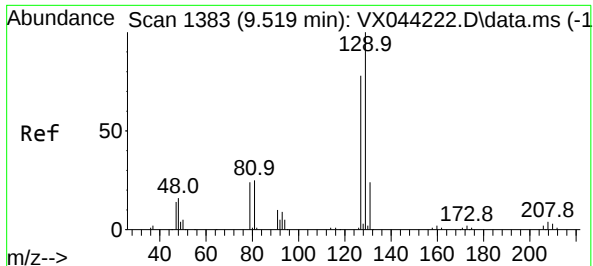
Tgt Ion:117 Resp: 14502  
Ion Ratio Lower Upper  
117 100  
119 2.8 74.2 111.4#  
121 0.0 23.0 34.6#



#50  
Toluene-d8  
Concen: 51.315 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

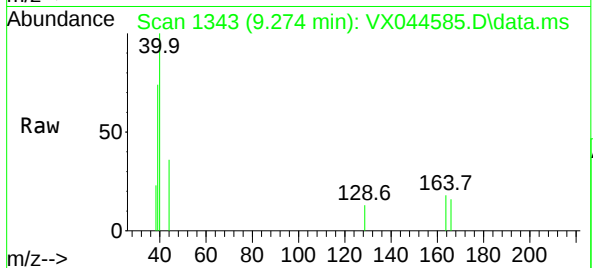
Tgt Ion: 98 Resp: 298900  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.5 77.3



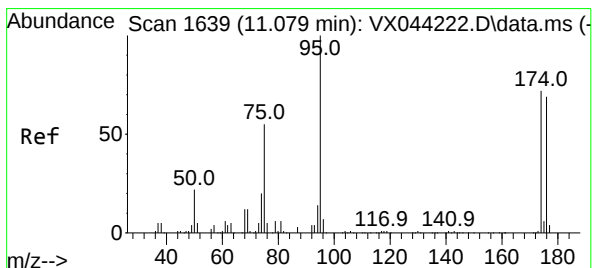
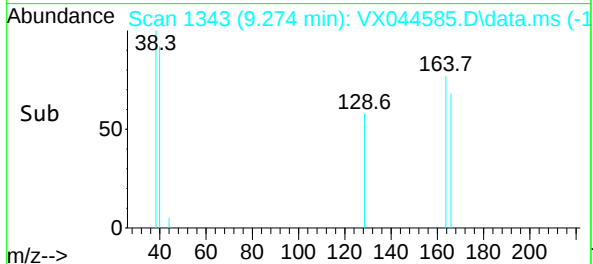
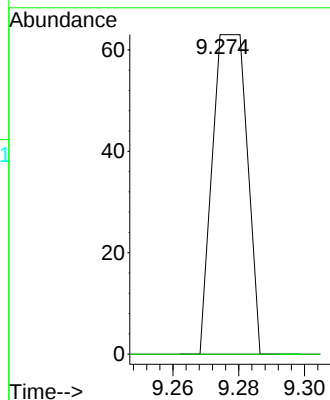


#60  
Dibromochloromethane  
Concen: 1.257 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.244 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :

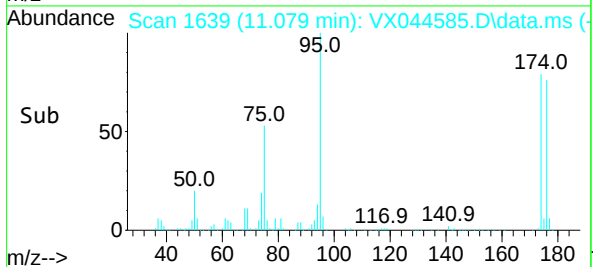
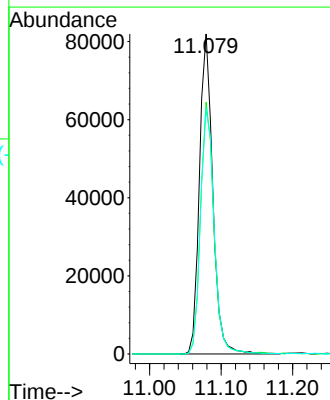
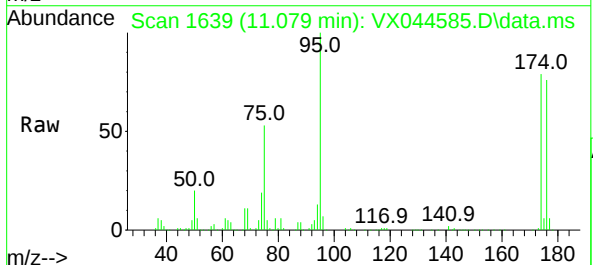


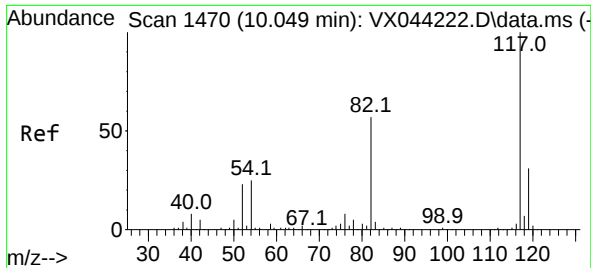
Tgt Ion:129 Resp: 46  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.3#



#62  
4-Bromofluorobenzene  
Concen: 52.052 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.001 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

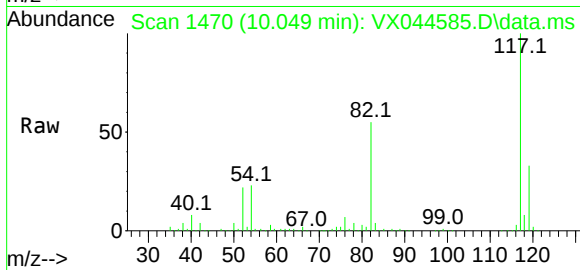
Tgt Ion: 95 Resp: 105943  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 145.8  
176 79.4 0.0 137.8



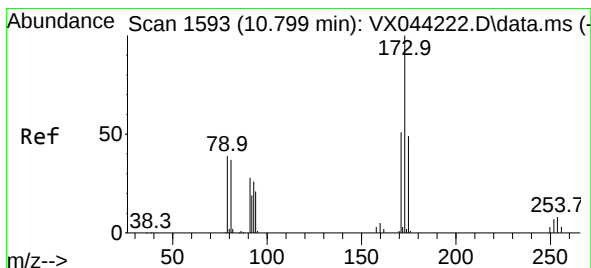
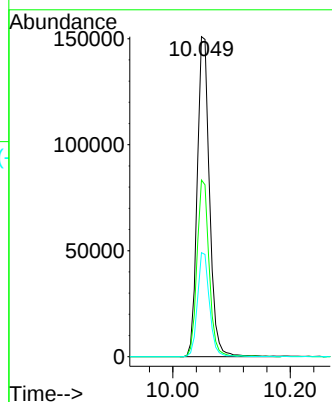
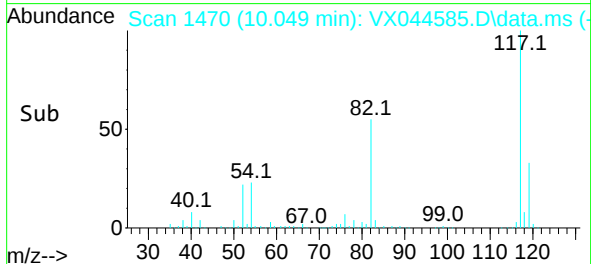


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :

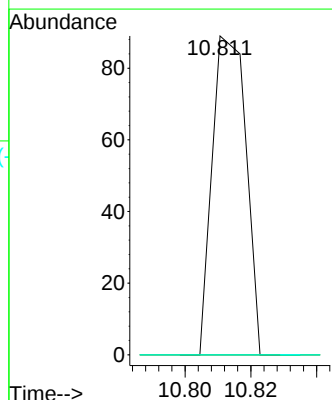
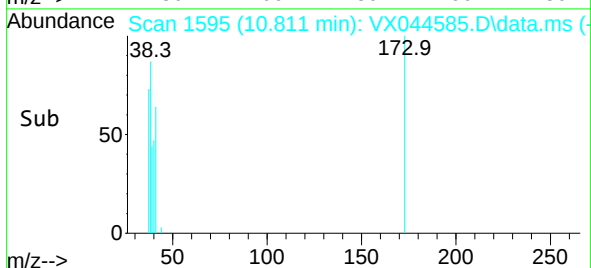
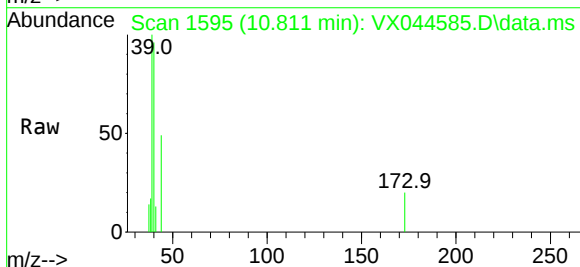


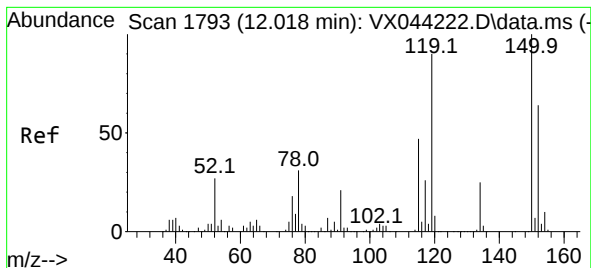
Tgt Ion:117 Resp: 219263  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.8 68.8  
119 32.5 25.0 37.4



#71  
Bromoform  
Concen: 1.295 ug/l  
RT: 10.811 min Scan# 1595  
Delta R.T. 0.012 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Tgt Ion:173 Resp: 63  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.8 71.4#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX044585.D

Acq: 06 Jan 2025 11:07

Instrument :

MSVOA\_X

ClientSampleId :

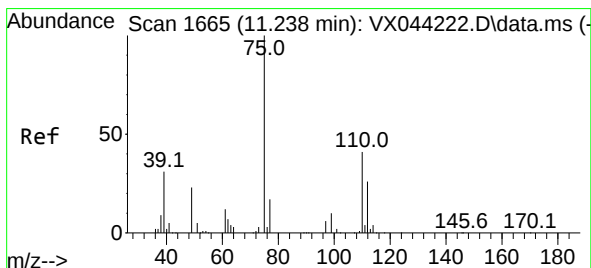
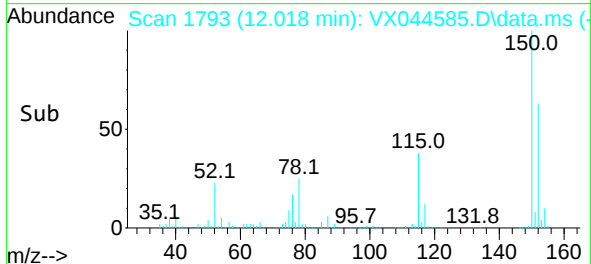
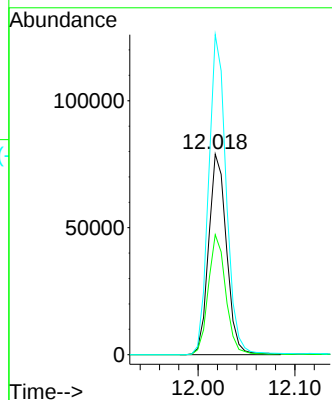
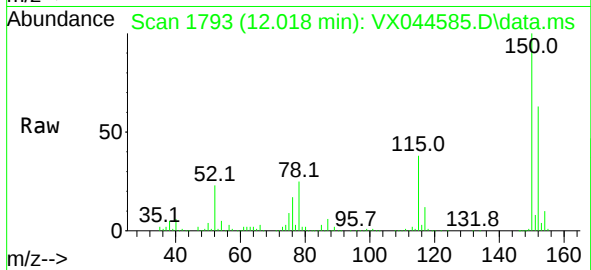
Tgt Ion:152 Resp: 101513

Ion Ratio Lower Upper

152 100

115 58.9 44.5 133.3

150 157.4 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 24.689 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044585.D

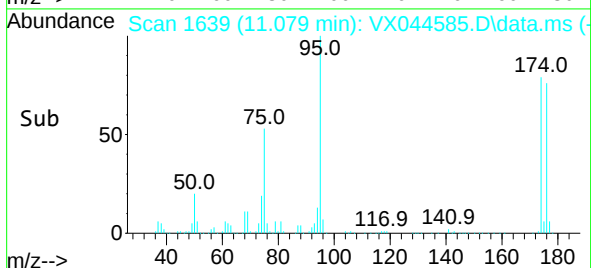
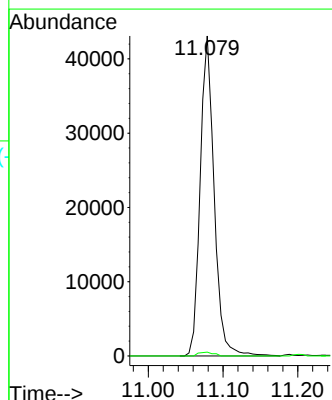
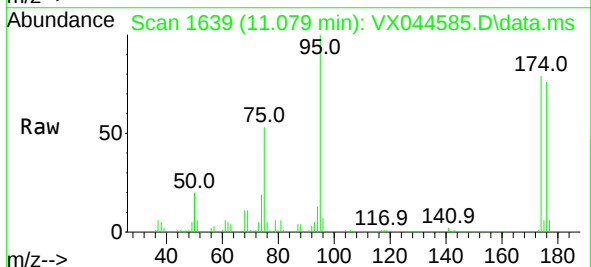
Acq: 06 Jan 2025 11:07

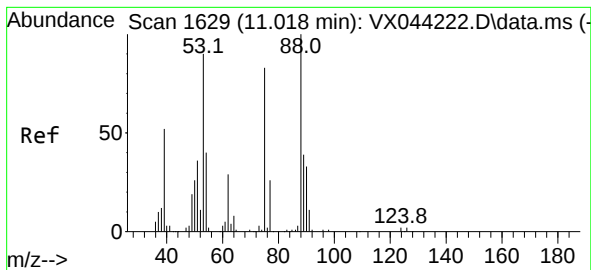
Tgt Ion: 75 Resp: 55958

Ion Ratio Lower Upper

75 100

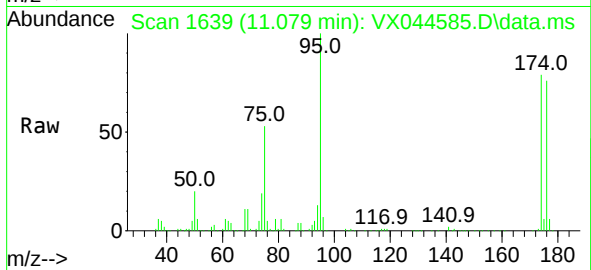
77 1.3 20.9 62.7#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.431 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.060 min  
Lab File: VX044585.D  
Acq: 06 Jan 2025 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 55958  
Ion Ratio Lower Upper  
75 100  
53 0.1 93.6 140.4#  
89 0.1 37.3 55.9#

