

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010825\  
 Data File : VX044617.D  
 Acq On : 08 Jan 2025 10:54  
 Operator : JC/MD  
 Sample : VX0108WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 09 00:25:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 08 03:57:12 2025  
 Response via : Initial Calibration

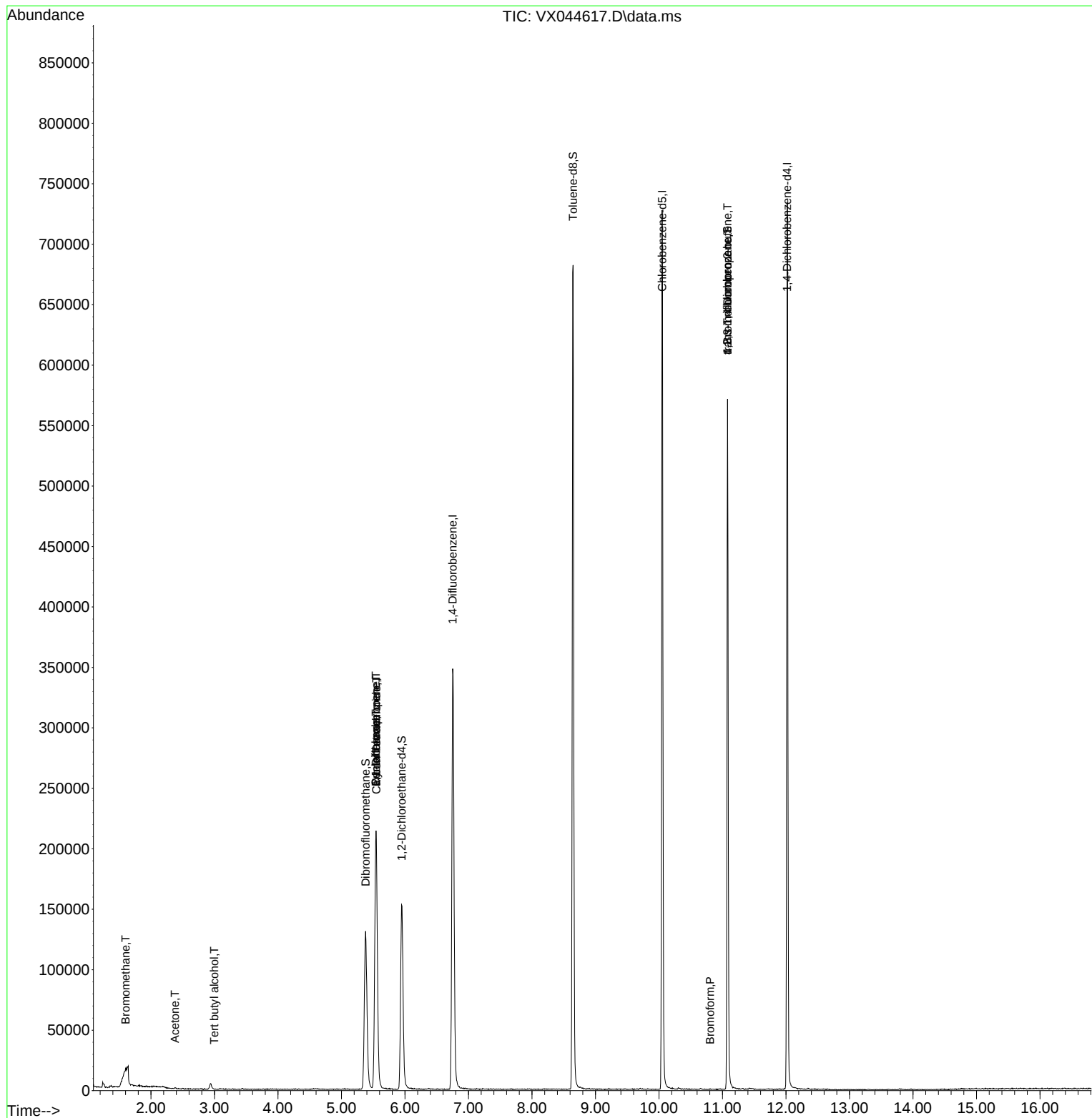
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.544     | 168            | 192485   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751     | 114            | 347122   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049    | 117            | 308423   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152            | 150386   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946     | 65             | 159506   | 51.394     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 74 - 125 | Recovery | = 102.780% |        |          |
| 35) Dibromofluoromethane      | 5.379     | 113            | 114611   | 48.151     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 96.300%  |        |          |
| 50) Toluene-d8                | 8.647     | 98             | 413789   | 50.894     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 86 - 113 | Recovery | = 101.780% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95             | 157079   | 54.736     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 77 - 121 | Recovery | = 109.480% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 5) Bromomethane               | 1.599     | 94             | 477      | 0.354      | ug/l # | 65       |
| 11) Tert butyl alcohol        | 2.995     | 59             | 77       | 0.201      | ug/l # | 72       |
| 16) Acetone                   | 2.380     | 43             | 688      | 0.703      | ug/l   | 96       |
| 31) Cyclohexane               | 5.544     | 56             | 5056     | 1.436      | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.544     | 75             | 17575    | 5.710      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.550     | 117            | 21713    | 6.358      | ug/l # | 17       |
| 71) Bromoform                 | 10.805    | 173            | 119      | 0.693      | ug/l # | 28       |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75             | 83954    | 27.849     | ug/l # | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75             | 83954    | 84.771     | ug/l # | 4        |
| -----                         |           |                |          |            |        |          |

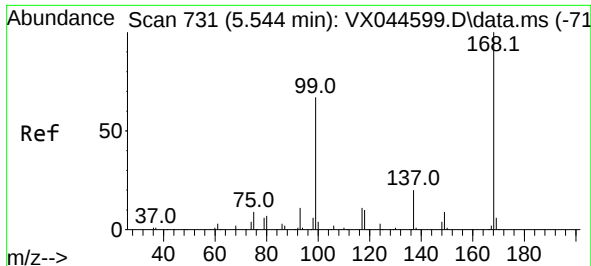
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010825\  
Data File : VX044617.D  
Acq On : 08 Jan 2025 10:54  
Operator : JC/MD  
Sample : VX0108WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

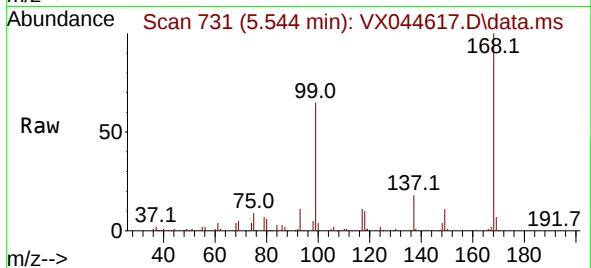
Quant Time: Jan 09 00:25:12 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 08 03:57:12 2025  
Response via : Initial Calibration



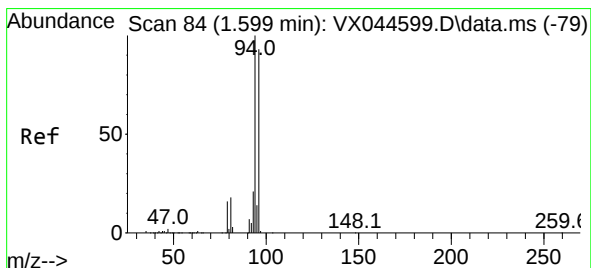
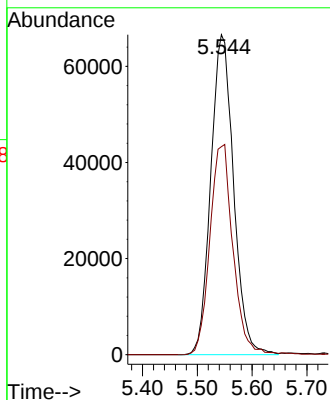
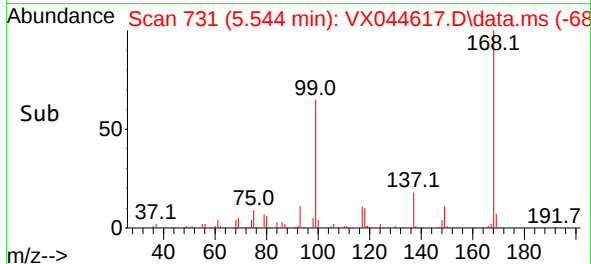


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

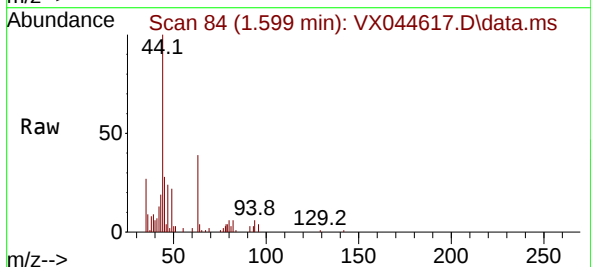
Instrument :  
MSVOA\_X  
ClientSampleId :



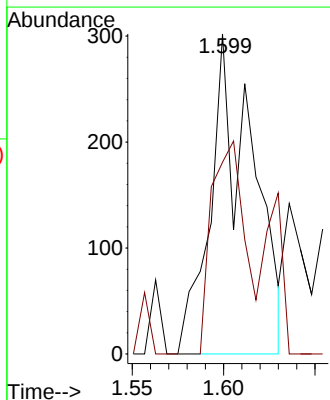
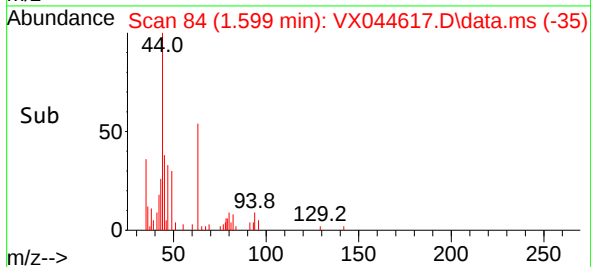
Tgt Ion:168 Resp: 192485  
Ion Ratio Lower Upper  
168 100  
99 65.0 53.5 80.3

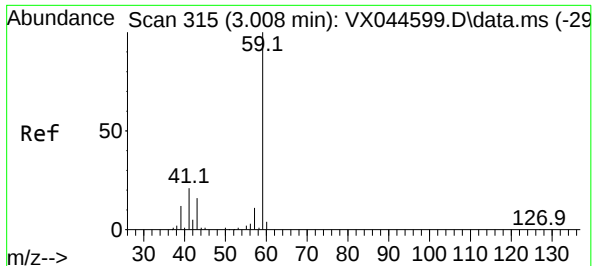


#5  
Bromomethane  
Concen: 0.354 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54



Tgt Ion: 94 Resp: 477  
Ion Ratio Lower Upper  
94 100  
96 59.9 74.6 112.0#





#11

Tert butyl alcohol

Concen: 0.201 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX044617.D

Acq: 08 Jan 2025 10:54

Instrument :

MSVOA\_X

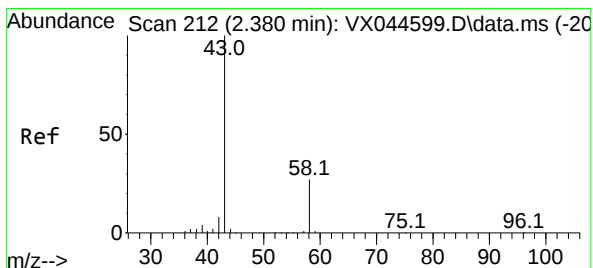
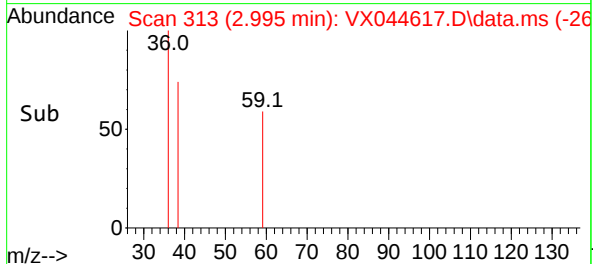
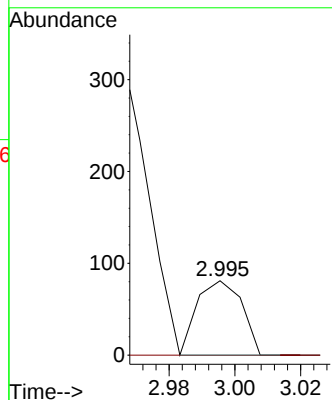
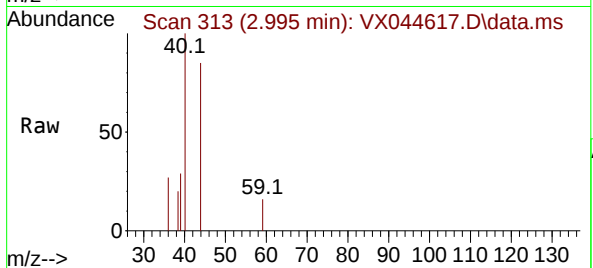
ClientSampleId :

Tgt Ion: 59 Resp: 77

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 0.703 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044617.D

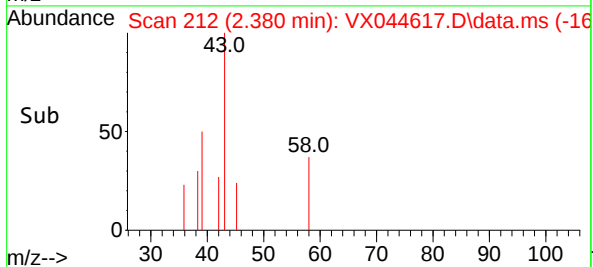
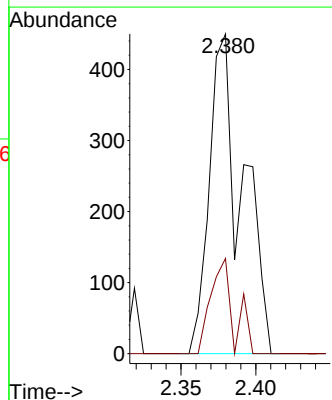
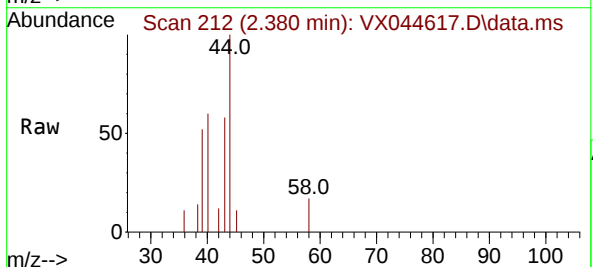
Acq: 08 Jan 2025 10:54

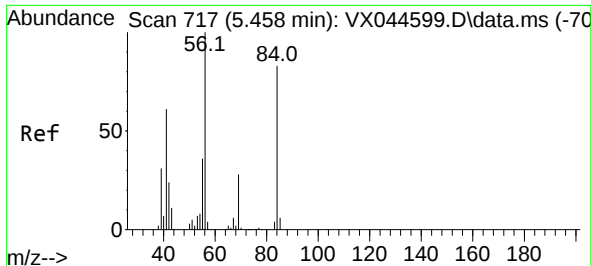
Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

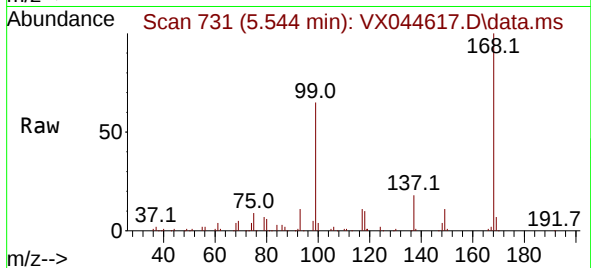
58 29.8 22.0 33.0



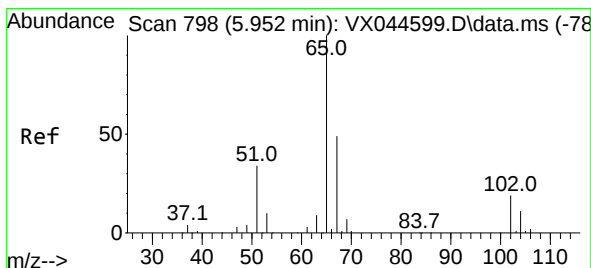
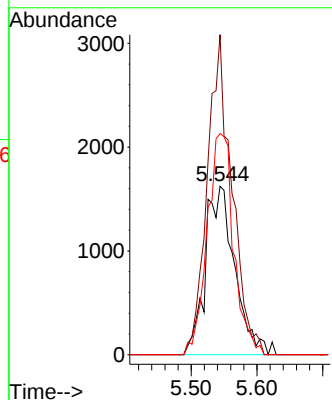
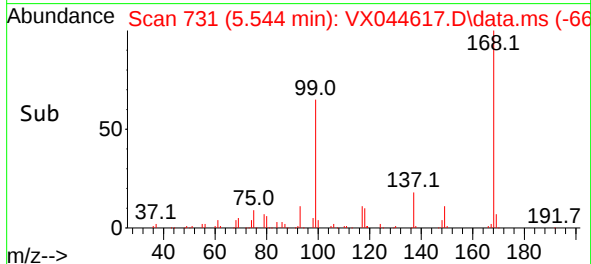


#31  
Cyclohexane  
Concen: 1.436 ug/l  
RT: 5.544 min Scan# 717  
Delta R.T. 0.085 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :

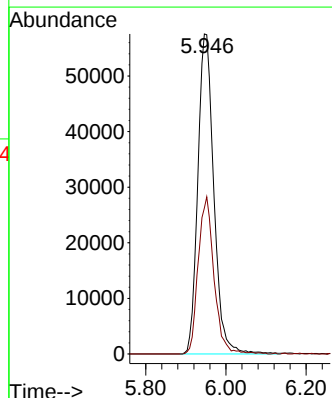
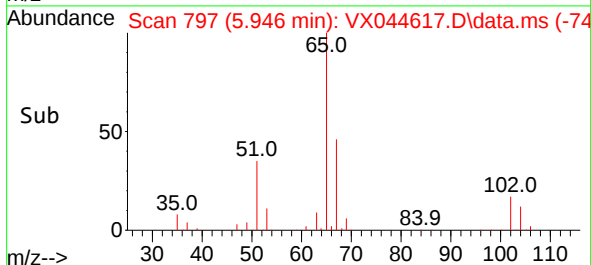
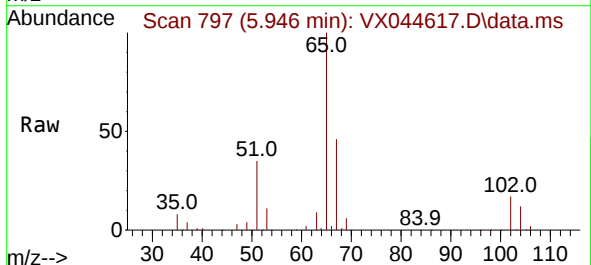


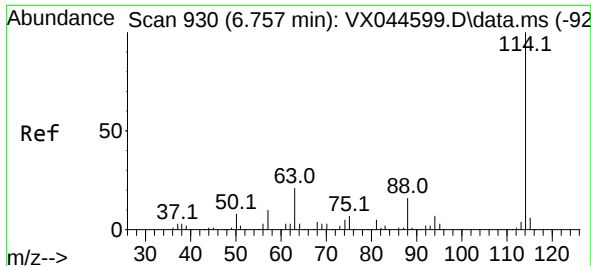
Tgt Ion: 56 Resp: 5056  
Ion Ratio Lower Upper  
56 100  
69 190.0 22.2 33.4#  
84 131.2 66.6 100.0#



#33  
1,2-Dichloroethane-d4  
Concen: 51.394 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

Tgt Ion: 65 Resp: 159506  
Ion Ratio Lower Upper  
65 100  
67 48.3 0.0 99.0

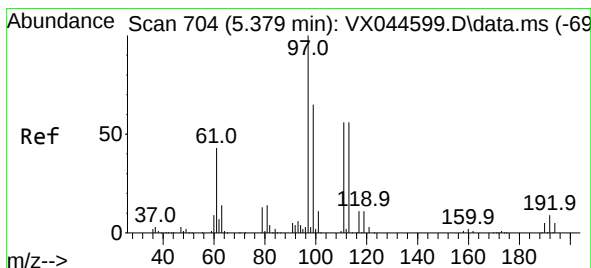
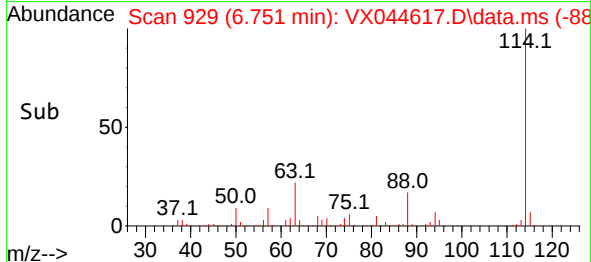
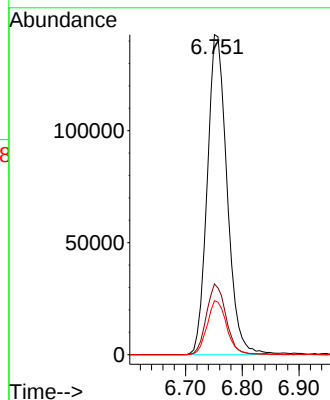
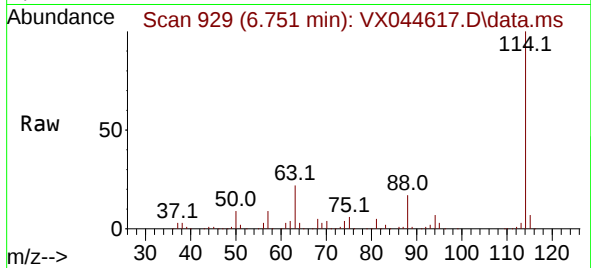




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

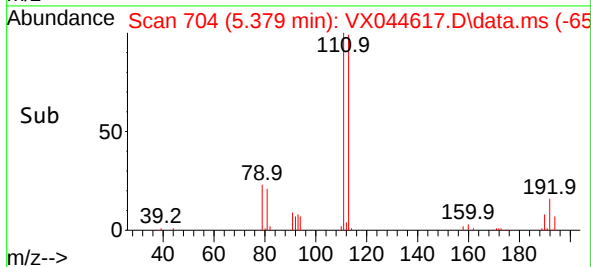
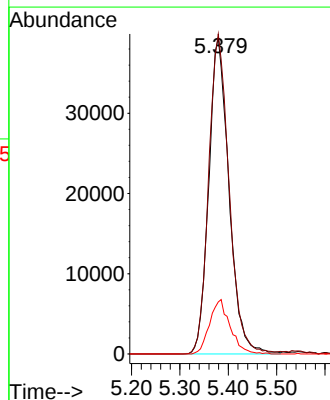
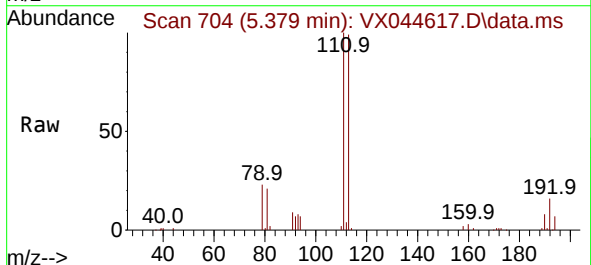
Instrument :  
MSVOA\_X  
ClientSampleId :

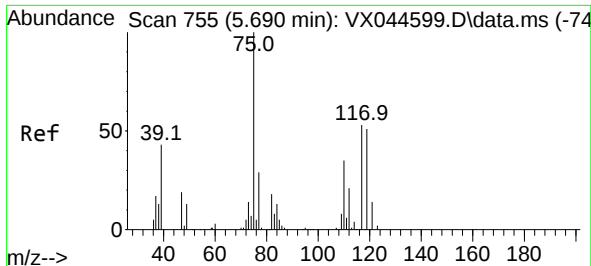
Tgt Ion:114 Resp: 347122  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 42.6  
88 16.8 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 48.151 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

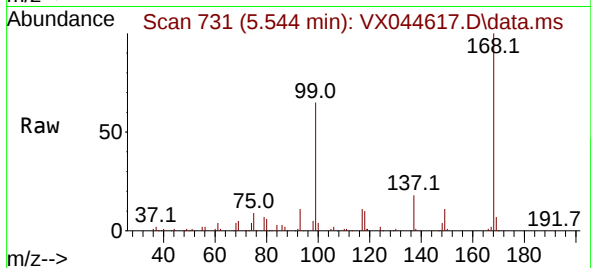
Tgt Ion:113 Resp: 114611  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.3 124.9  
192 17.5 14.3 21.5



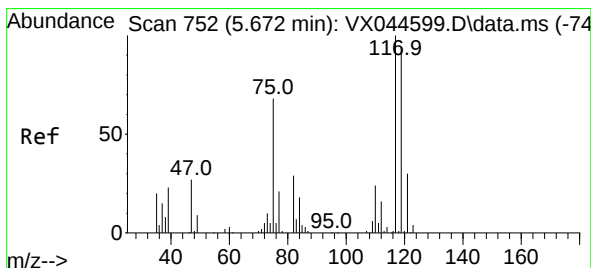
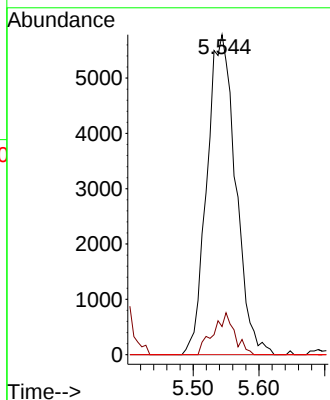
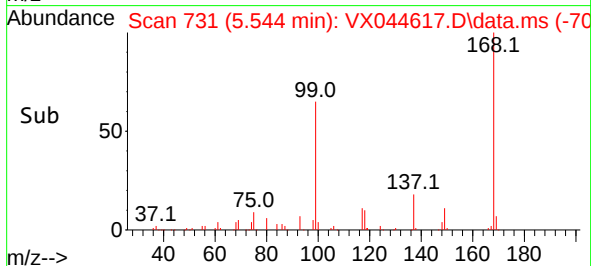


#36  
1,1-Dichloropropene  
Concen: 5.710 ug/l  
RT: 5.544 min Scan# 710  
Delta R.T. -0.146 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

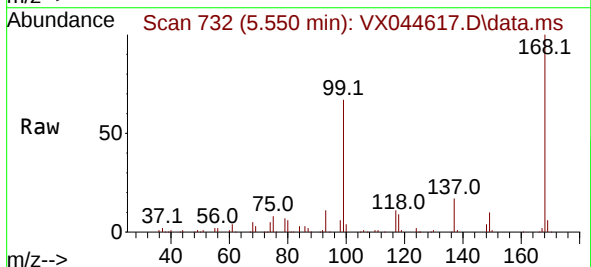
Instrument :  
MSVOA\_X  
ClientSampleId :



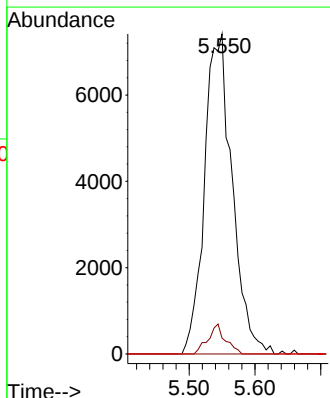
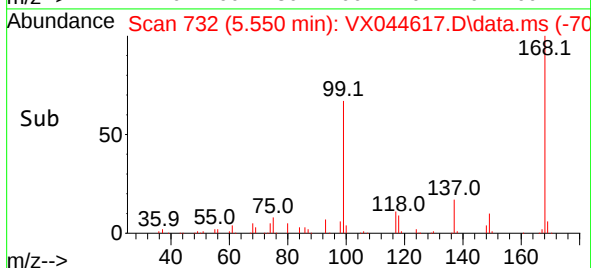
Tgt Ion: 75 Resp: 17575  
Ion Ratio Lower Upper  
75 100  
110 9.7 17.3 51.9#  
77 0.0 24.7 37.1#

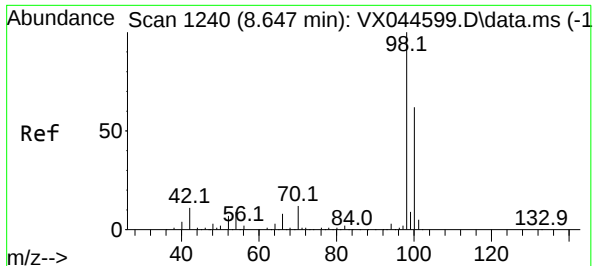


#38  
Carbon Tetrachloride  
Concen: 6.358 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54



Tgt Ion: 117 Resp: 21713  
Ion Ratio Lower Upper  
117 100  
119 4.9 74.5 111.7#  
121 0.0 24.1 36.1#

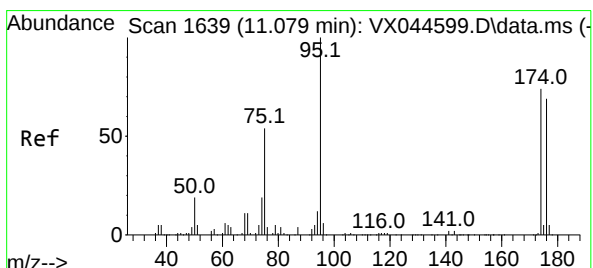
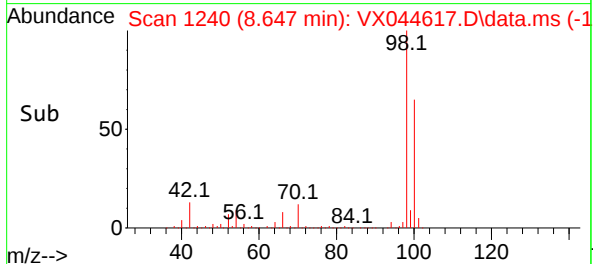
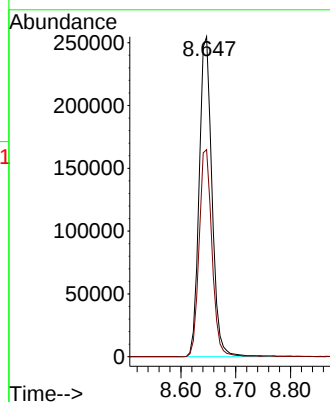
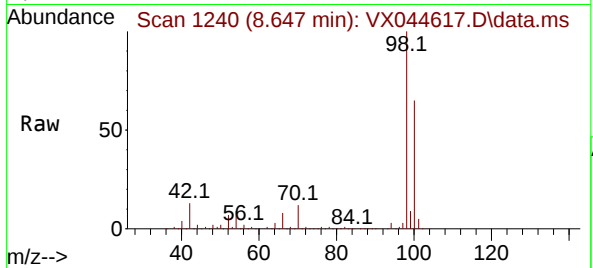




#50  
Toluene-d8  
Concen: 50.894 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

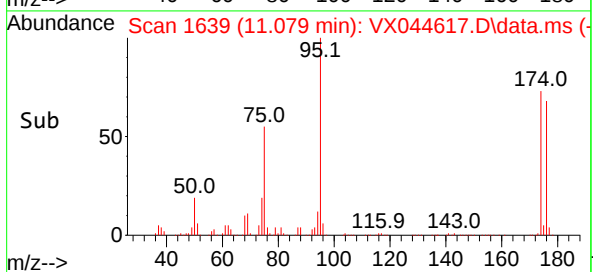
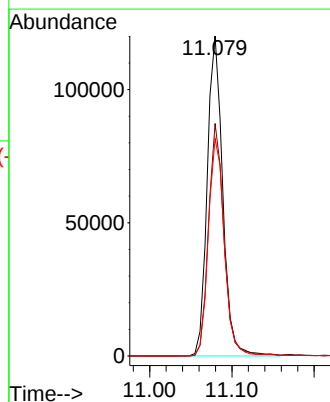
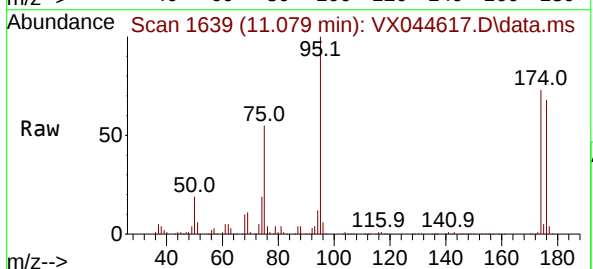
Instrument :  
MSVOA\_X  
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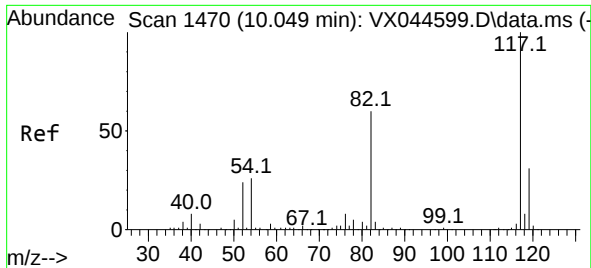
Tgt Ion: 98 Resp: 413789  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 54.736 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

Tgt Ion: 95 Resp: 157079  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 148.8  
176 70.4 0.0 139.8

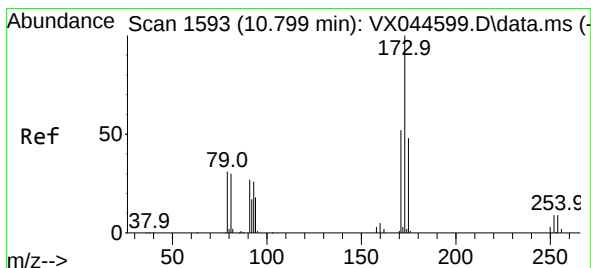
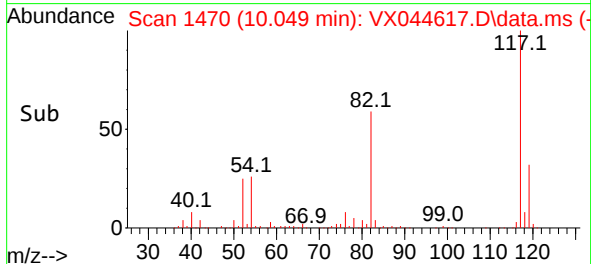
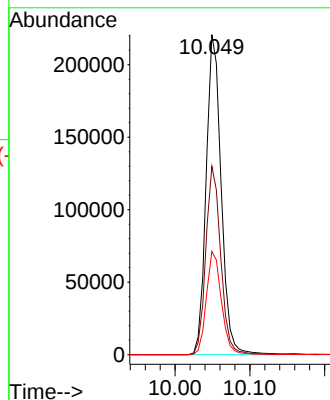
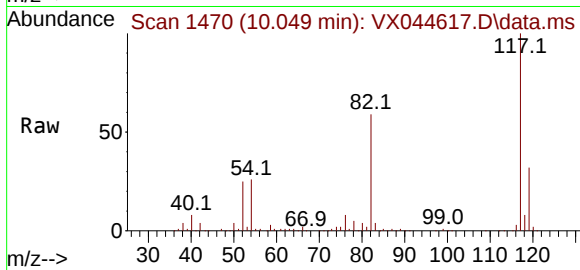




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

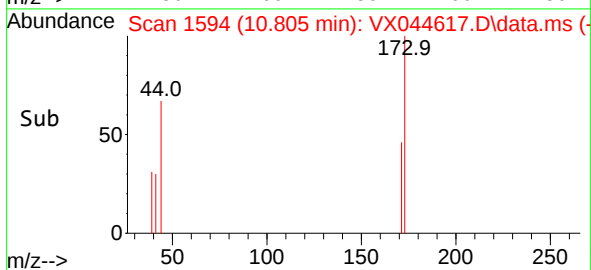
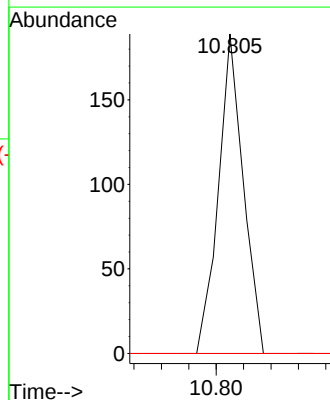
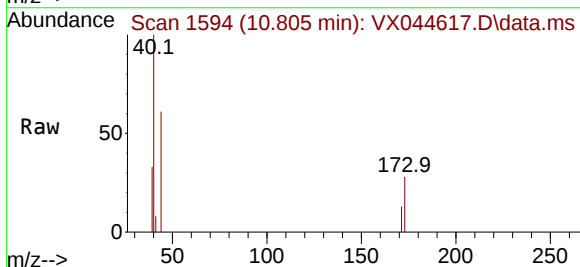
Instrument :  
MSVOA\_X  
ClientSampleId :

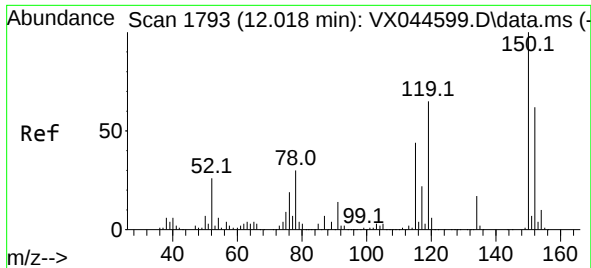
Tgt Ion:117 Resp: 308423  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.8 71.6  
119 32.3 25.0 37.6



#71  
Bromoform  
Concen: 0.693 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX044617.D  
Acq: 08 Jan 2025 10:54

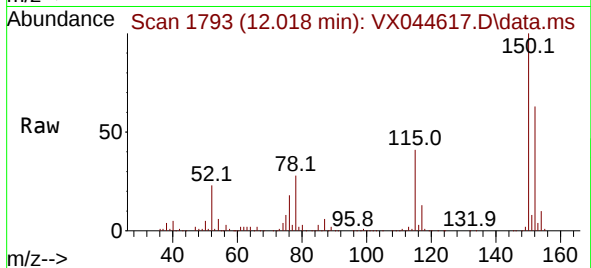
Tgt Ion:173 Resp: 119  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 73.8#  
254 0.0 0.0 0.0



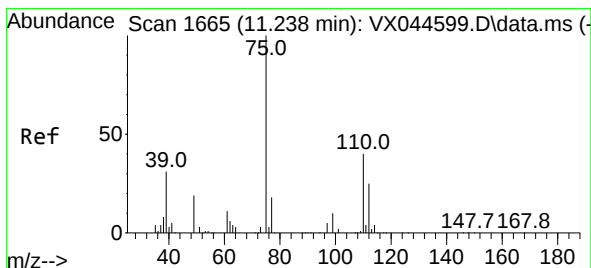
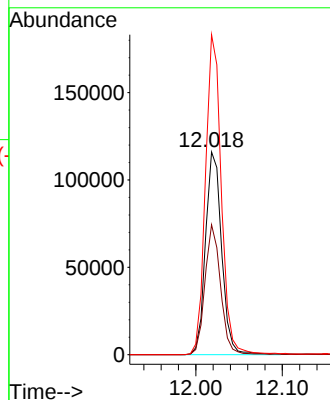
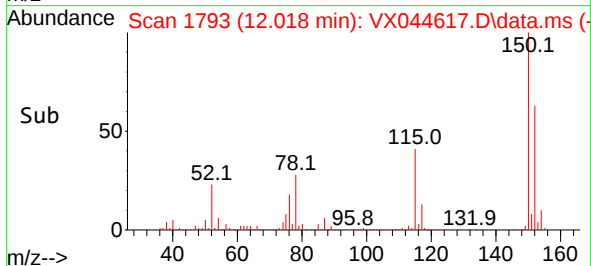


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX044617.D  
 Acq: 08 Jan 2025 10:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :

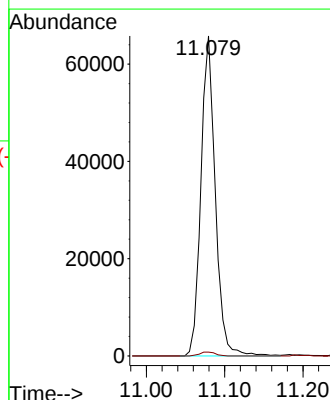
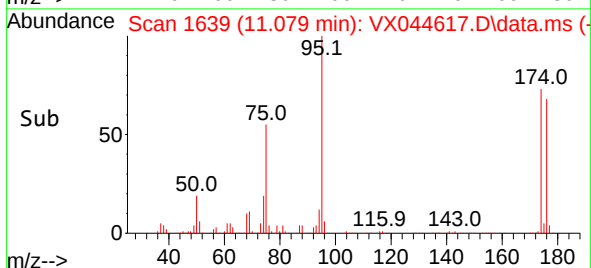
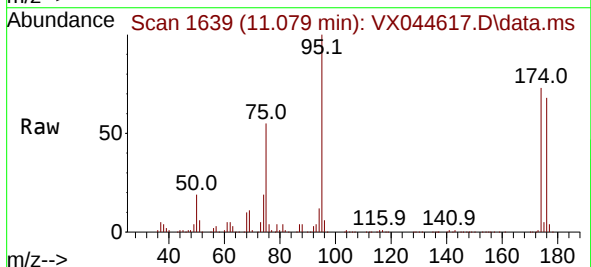


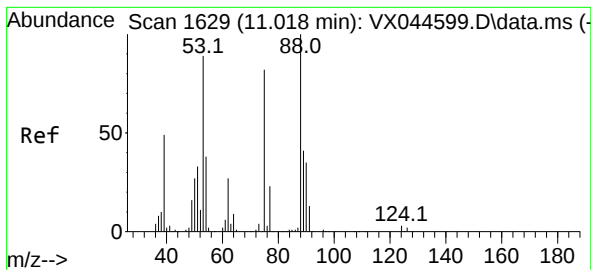
Tgt Ion:152 Resp: 150386  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 44.4 133.1  
 150 155.2 0.0 355.0



#76  
 1,2,3-Trichloropropane  
 Concen: 27.849 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX044617.D  
 Acq: 08 Jan 2025 10:54

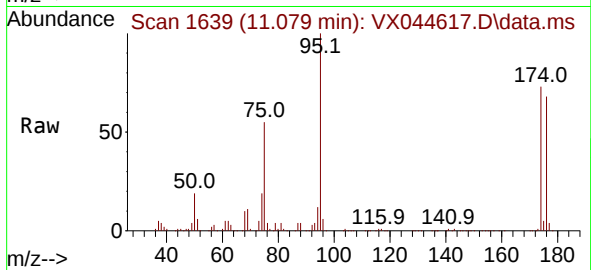
Tgt Ion: 75 Resp: 83954  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 21.1 63.1#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 84.771 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX044617.D  
 Acq: 08 Jan 2025 10:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 83954  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 92.7 139.1#  
 89 0.0 38.3 57.5#

