

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071825\  
 Data File : VX047048.D  
 Acq On : 18 Jul 2025 14:39  
 Operator : JC/MD  
 Sample : Q2637-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 19 04:24:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 2025  
 Response via : Initial Calibration

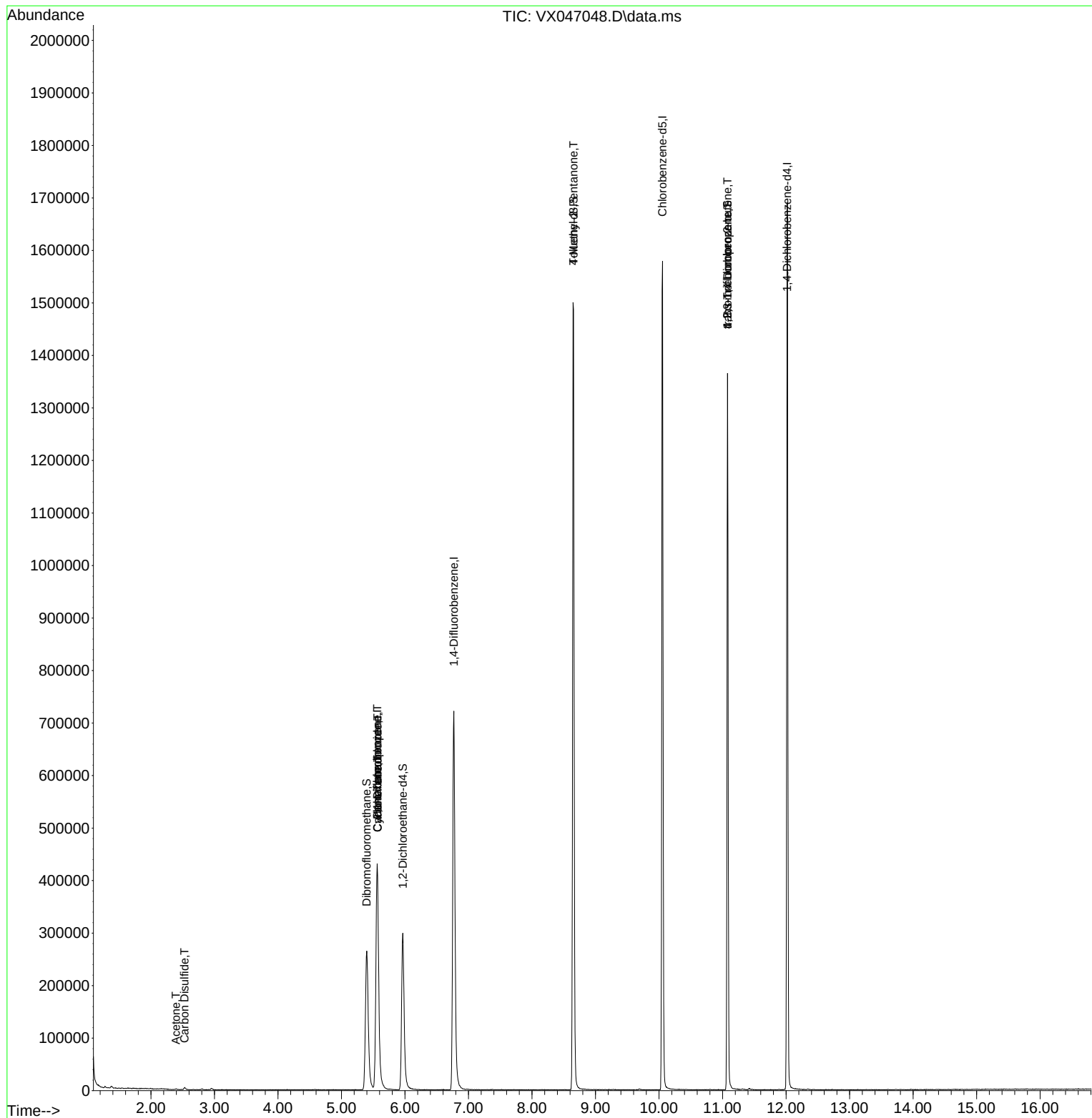
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.562     | 168            | 426682   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769     | 114            | 766336   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 718184   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152            | 332673   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964     | 65             | 310317   | 55.051     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 110.100% |        |          |
| 35) Dibromofluoromethane      | 5.397     | 113            | 254444   | 48.914     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 97.820%  |        |          |
| 50) Toluene-d8                | 8.653     | 98             | 919453   | 50.097     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 100.200% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95             | 366760   | 52.579     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 105.160% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 16) Acetone                   | 2.392     | 43             | 1564     | 0.893      | ug/l   | 98       |
| 17) Carbon Disulfide          | 2.526     | 76             | 4454     | 0.367      | ug/l # | 87       |
| 31) Cyclohexane               | 5.568     | 56             | 9661     | 1.199      | ug/l # | 4        |
| 36) 1,1-Dichloropropene       | 5.562     | 75             | 36144    | 5.150      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.568     | 117            | 45527    | 6.136      | ug/l # | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.653     | 43             | 4442     | 0.822      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75             | 190259   | 37.014     | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75             | 190259   | 99.325     | ug/l # | 8        |
| -----                         |           |                |          |            |        |          |

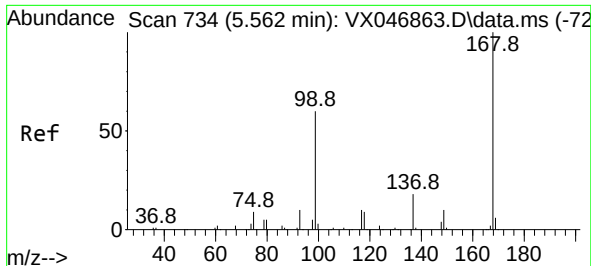
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 19 04:24:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 03 05:51:11 2025  
Response via : Initial Calibration

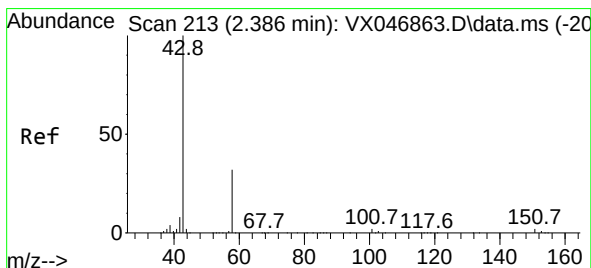
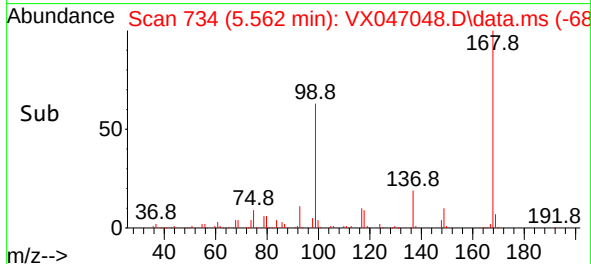
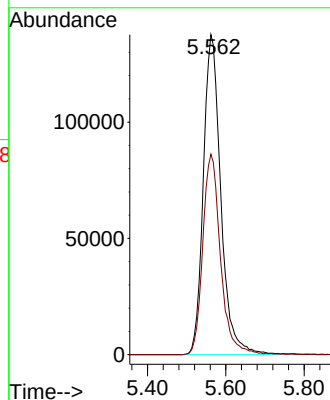
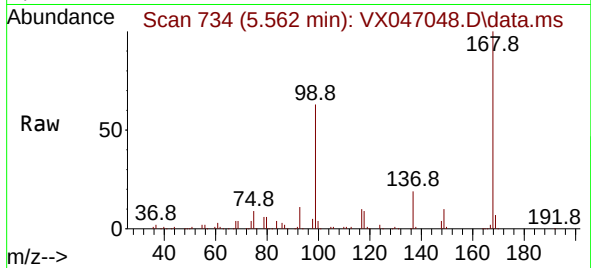




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

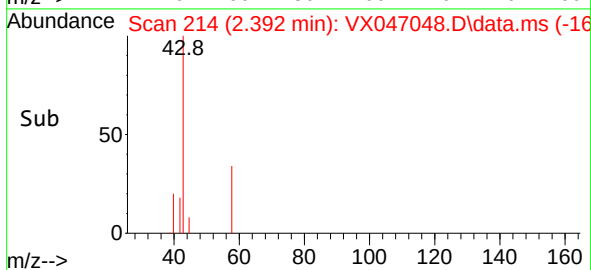
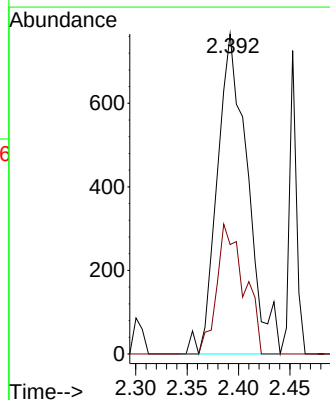
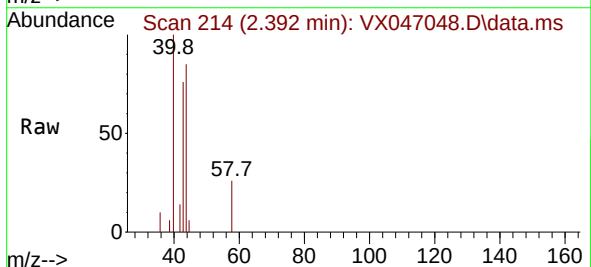
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

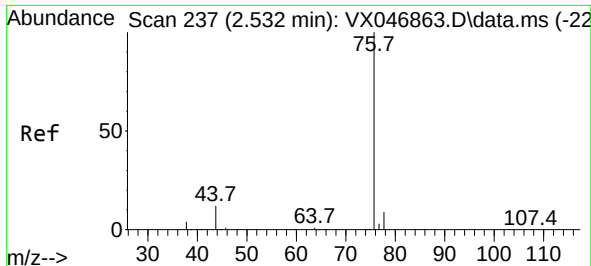
Tgt Ion:168 Resp: 426682  
Ion Ratio Lower Upper  
168 100  
99 62.6 48.8 73.2



#16  
Acetone  
Concen: 0.893 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 43 Resp: 1564  
Ion Ratio Lower Upper  
43 100  
58 33.3 25.8 38.6





#17

Carbon Disulfide

Concen: 0.367 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047048.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA\_X

ClientSampleId :

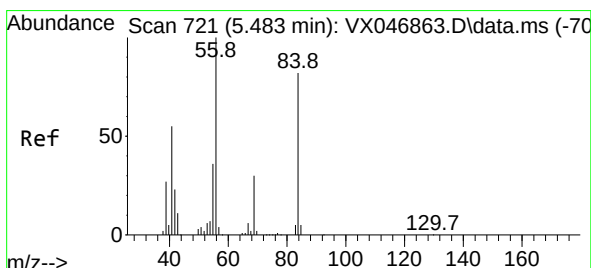
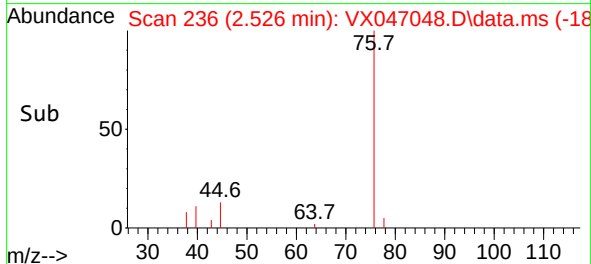
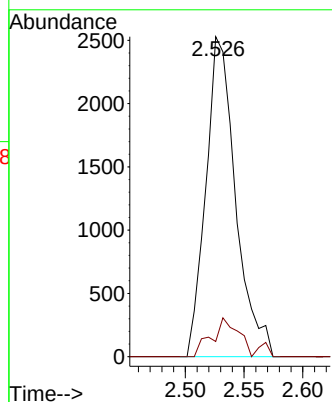
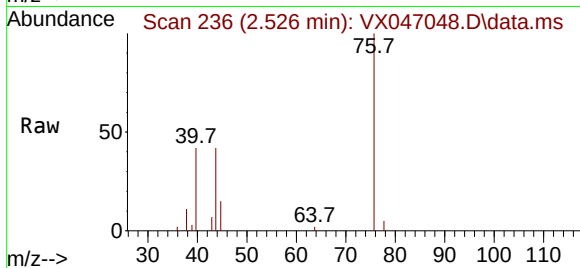
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 76 Resp: 4454

Ion Ratio Lower Upper

76 100

78 4.7 7.4 11.2#



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.085 min

Lab File: VX047048.D

Acq: 18 Jul 2025 14:39

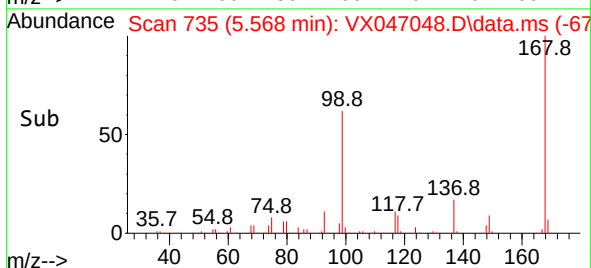
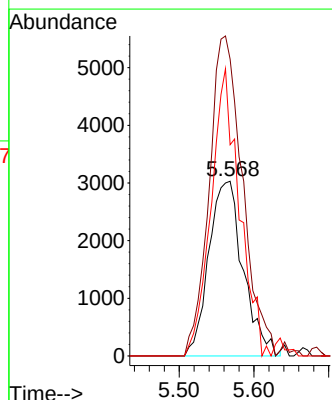
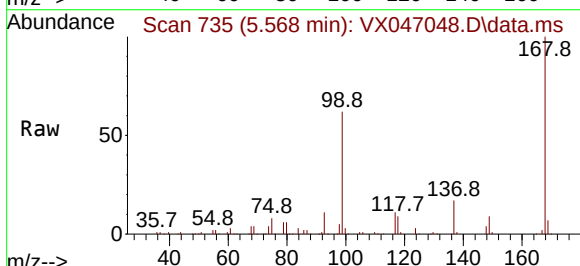
Tgt Ion: 56 Resp: 9661

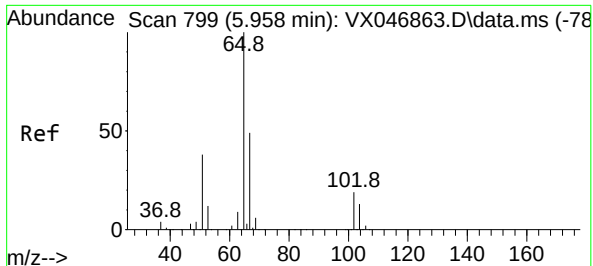
Ion Ratio Lower Upper

56 100

69 168.7 24.0 36.0#

84 118.0 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 55.051 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047048.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA\_X

ClientSampleId :

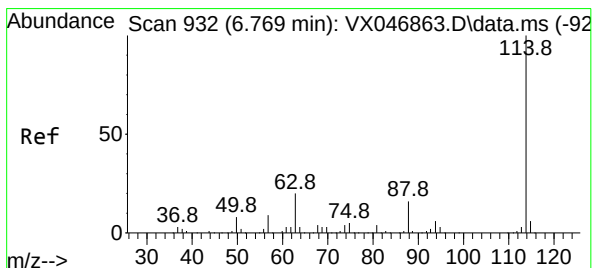
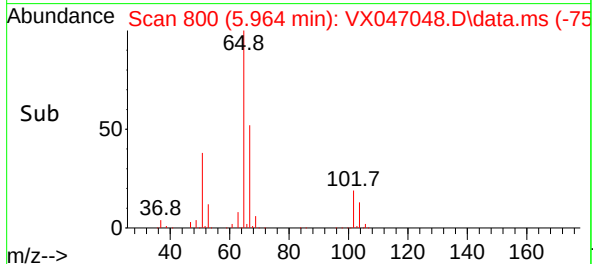
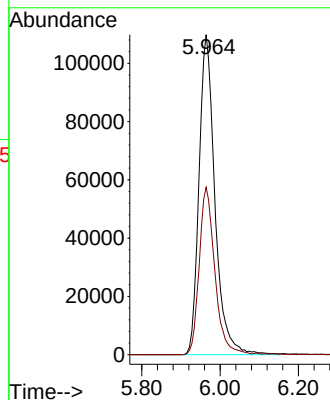
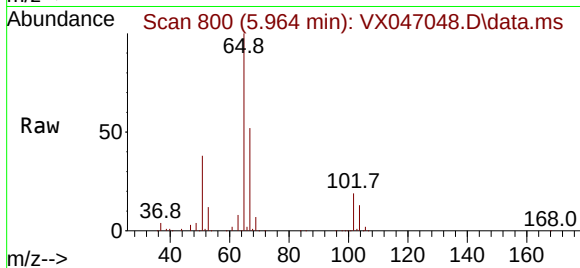
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 310317

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047048.D

Acq: 18 Jul 2025 14:39

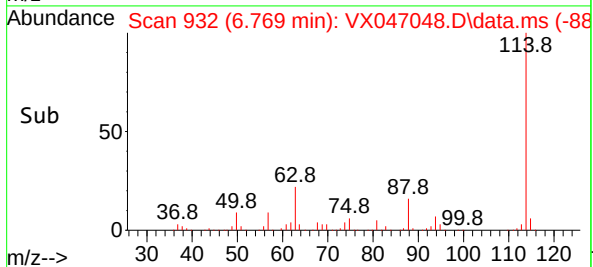
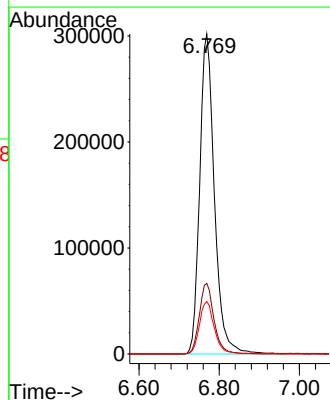
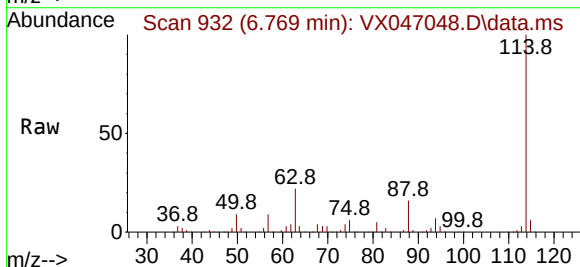
Tgt Ion: 114 Resp: 766336

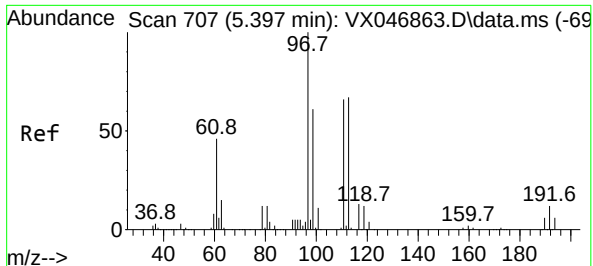
Ion Ratio Lower Upper

114 100

63 24.9 0.0 40.4

88 16.4 0.0 31.0

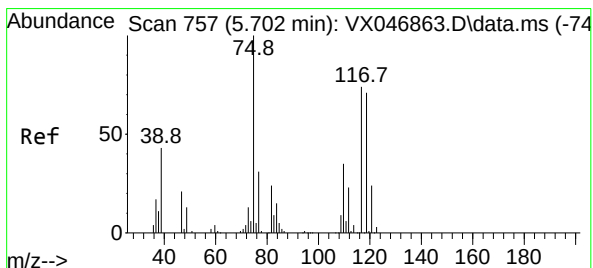
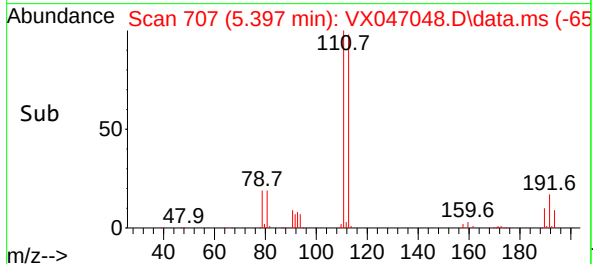
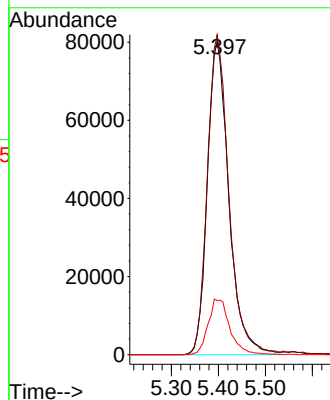
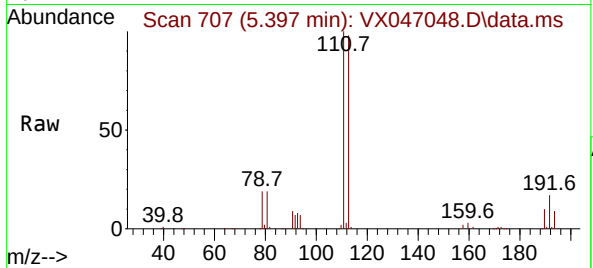




#35  
Dibromofluoromethane  
Concen: 48.914 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

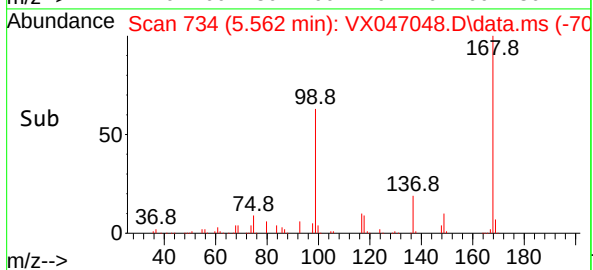
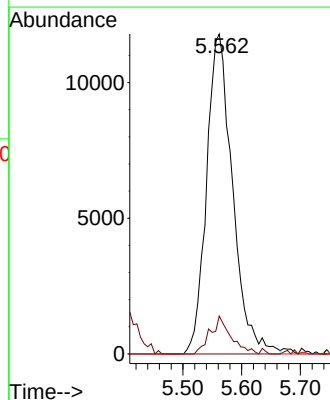
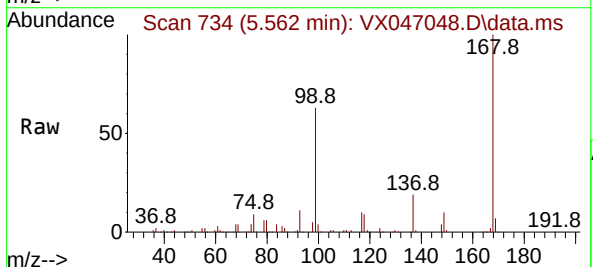
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

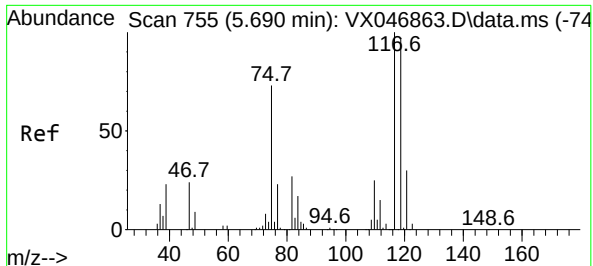
Tgt Ion:113 Resp: 254444  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.2 121.8  
192 18.0 15.3 22.9



#36  
1,1-Dichloropropene  
Concen: 5.150 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.140 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

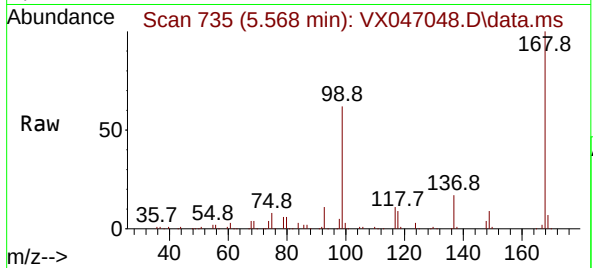
Tgt Ion: 75 Resp: 36144  
Ion Ratio Lower Upper  
75 100  
110 9.4 17.3 51.9#  
77 0.0 24.2 36.4#



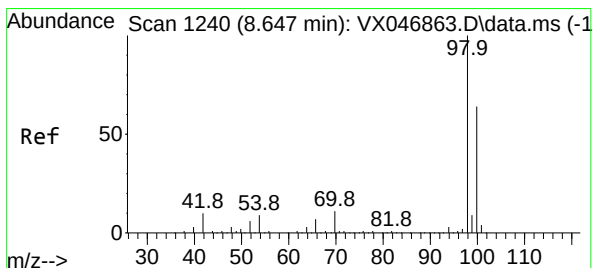
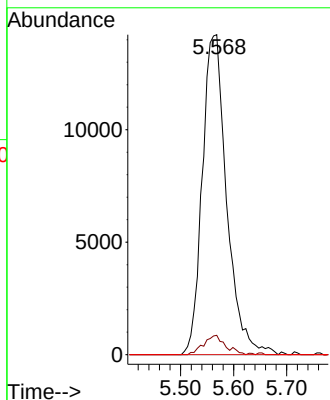
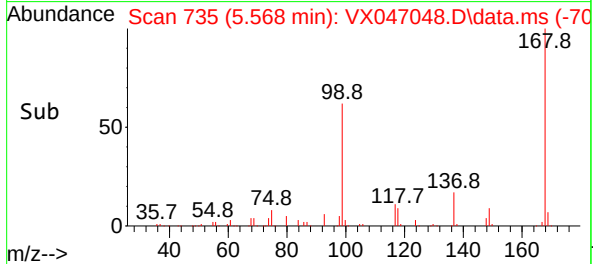


#38  
Carbon Tetrachloride  
Concen: 6.136 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

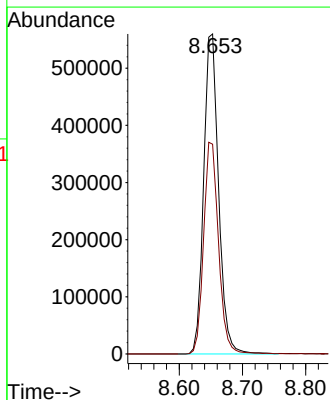
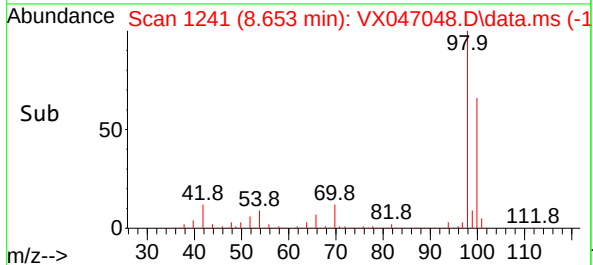
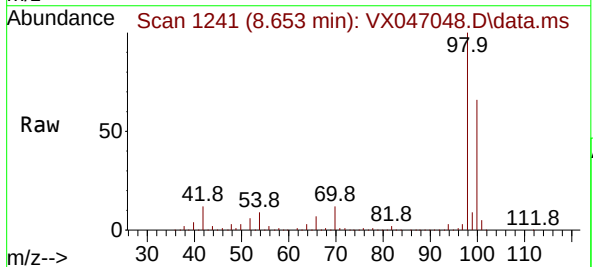


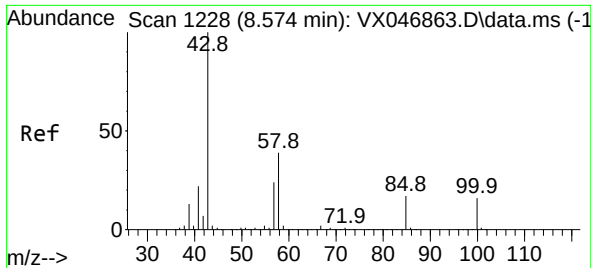
Tgt Ion:117 Resp: 45527  
Ion Ratio Lower Upper  
117 100  
119 6.1 76.6 114.8#  
121 0.0 24.1 36.1#



#50  
Toluene-d8  
Concen: 50.097 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 98 Resp: 919453  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.0 79.6

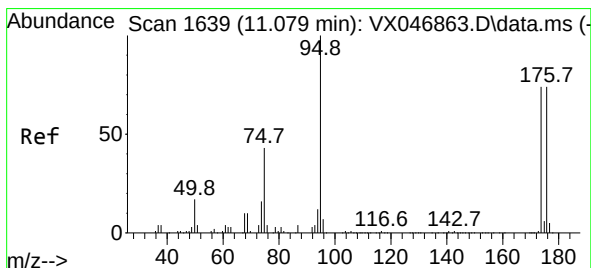
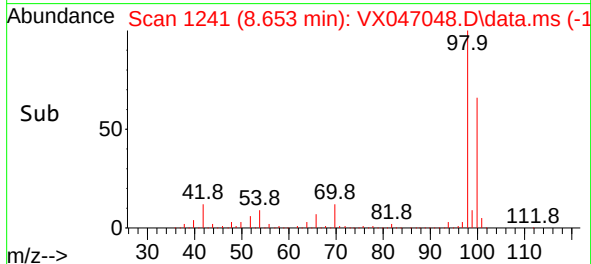
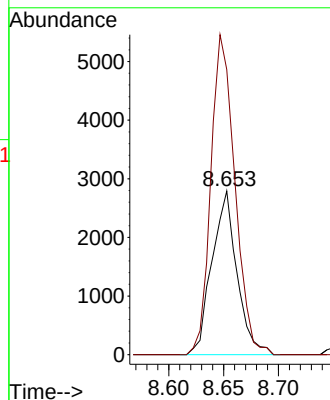
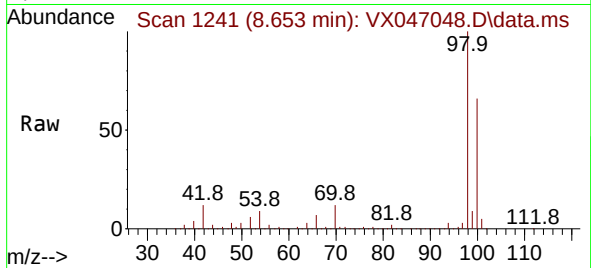




#51  
4-Methyl-2-Pentanone  
Concen: 0.822 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.079 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

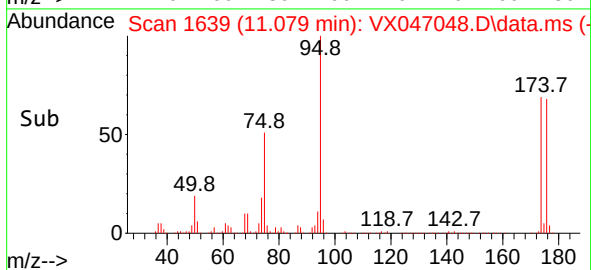
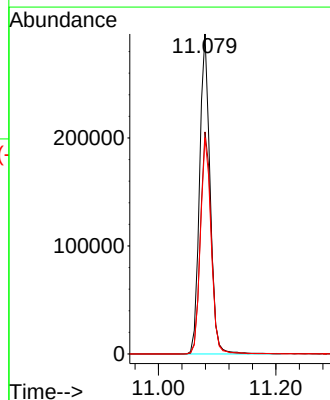
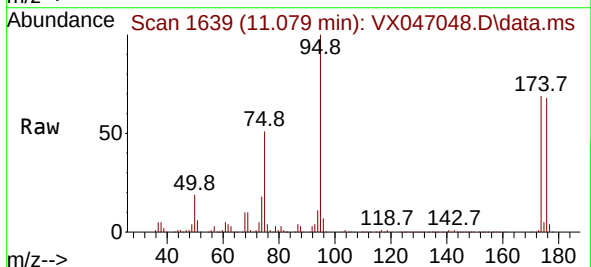
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 4442  
Ion Ratio Lower Upper  
43 100  
58 187.7 30.4 45.6#

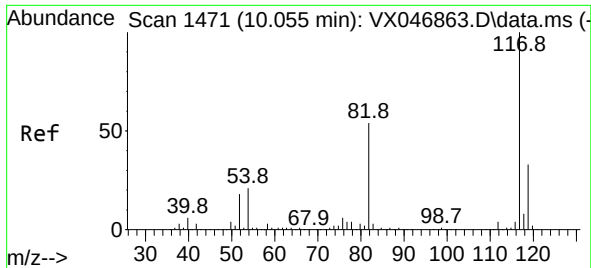


#62  
4-Bromofluorobenzene  
Concen: 52.579 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 95 Resp: 366760  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 152.0  
176 69.0 0.0 145.2



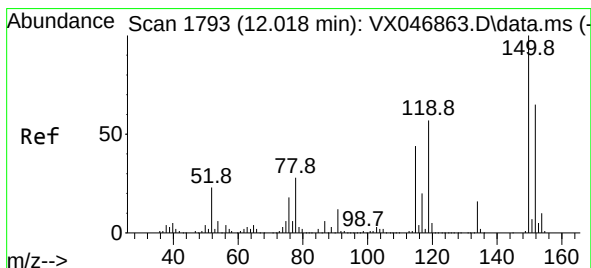
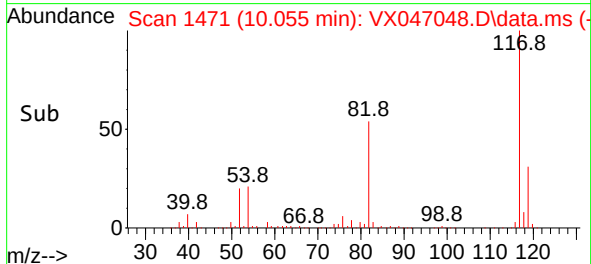
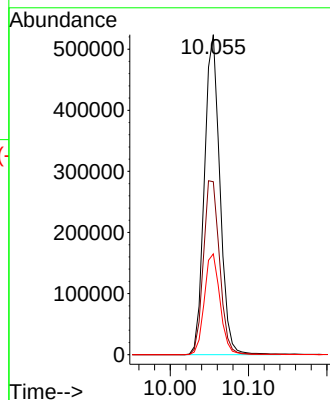
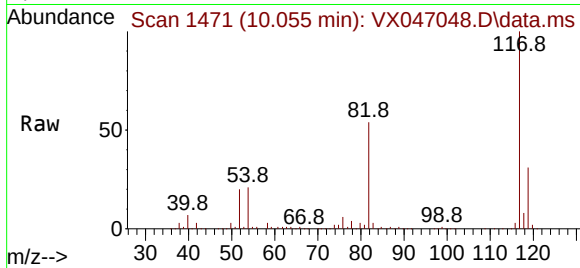




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

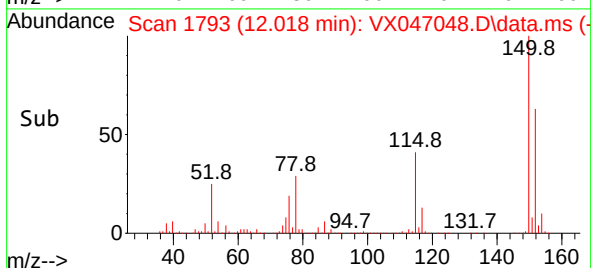
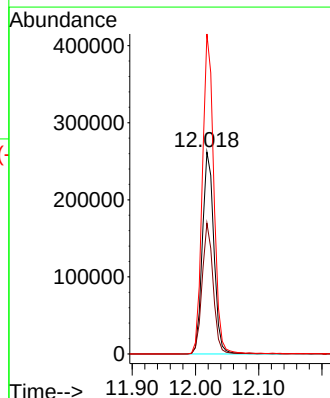
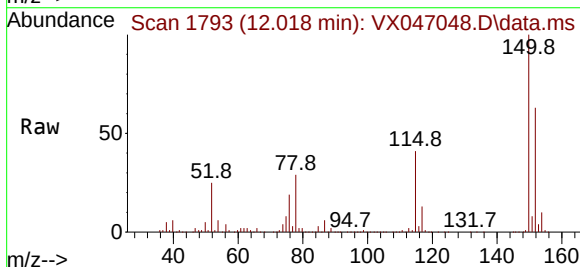
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

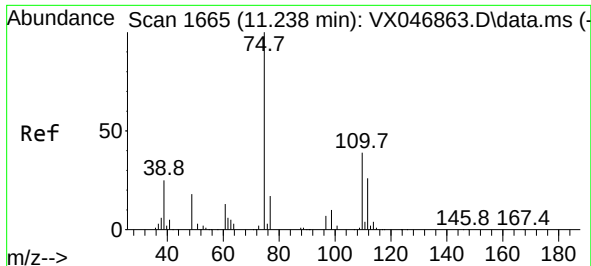
Tgt Ion:117 Resp: 718184  
Ion Ratio Lower Upper  
117 100  
82 54.1 43.3 64.9  
119 31.5 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion:152 Resp: 332673  
Ion Ratio Lower Upper  
152 100  
115 62.3 42.4 127.1  
150 157.4 0.0 349.2

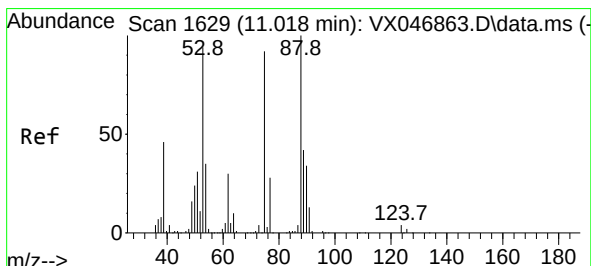
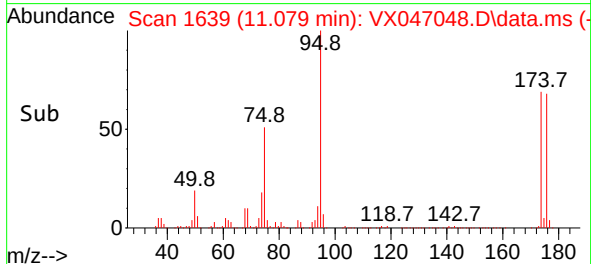
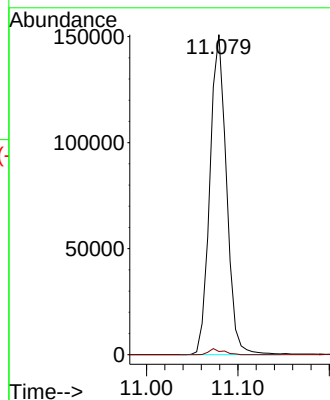
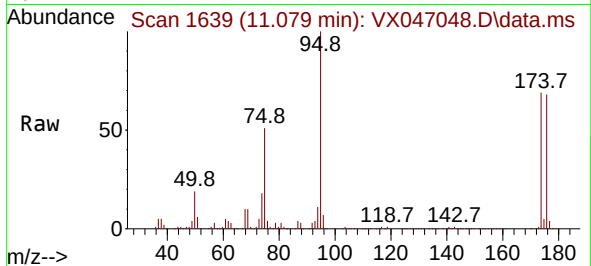




#76  
1,2,3-Trichloropropane  
Concen: 37.014 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 190259  
Ion Ratio Lower Upper  
75 100  
77 1.6 20.6 61.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 99.325 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 75 Resp: 190259  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.7 125.5#  
89 0.0 38.2 57.2#

