

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046884.D
 Acq On : 03 Jul 2025 13:55
 Operator : JC/MD
 Sample : Q2501-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 04 01:32:15 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)

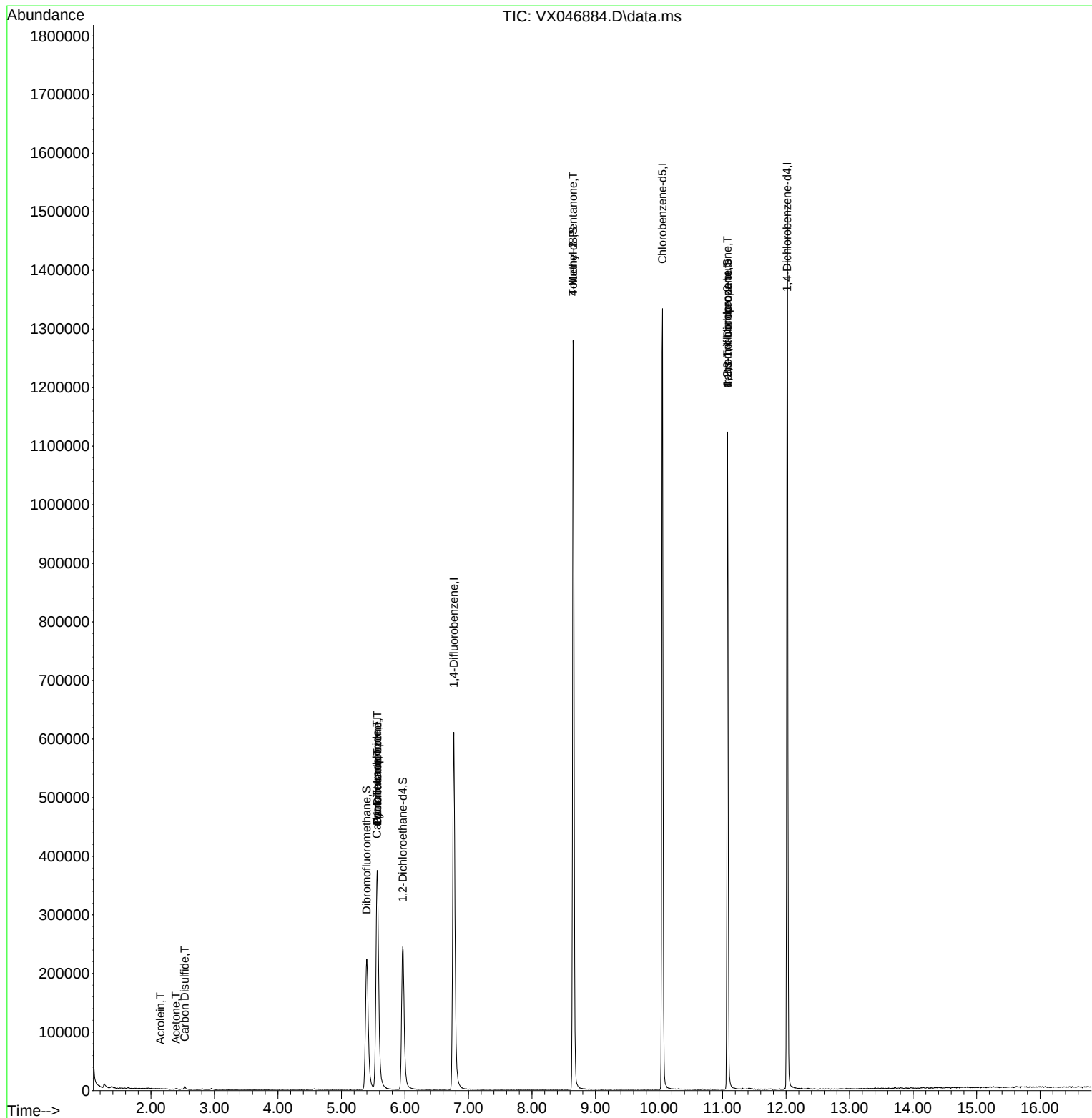
Internal Standards						
1) Pentafluorobenzene	5.562	168	383278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	669072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	617017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	301852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	256342	50.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.397	113	217531	47.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.800%			
50) Toluene-d8	8.647	98	800040	49.928	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	302298	49.638	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.280%			
Target Compounds						Qvalue
13) Acrolein	2.148	56	23	2.897	ug/l #	15
16) Acetone	2.392	43	1855	1.179	ug/l #	75
17) Carbon Disulfide	2.532	76	5388	0.494	ug/l #	90
31) Cyclohexane	5.562	56	8037	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	28843	4.707	ug/l #	51
38) Carbon Tetrachloride	5.556	117	39052	6.028	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	3390	0.719	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	156649	33.587	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	156649	90.129	ug/l #	8

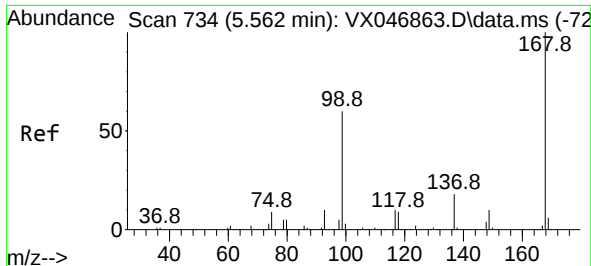
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
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STORAGE-BLANK-WATER-REF-4

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Quant Title : SW846 8260
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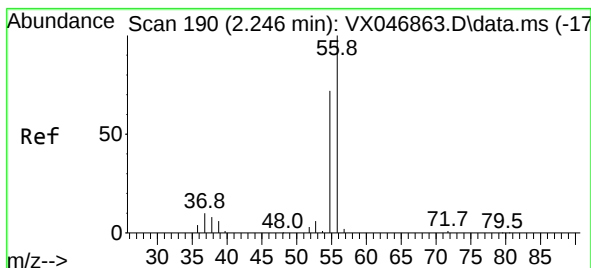
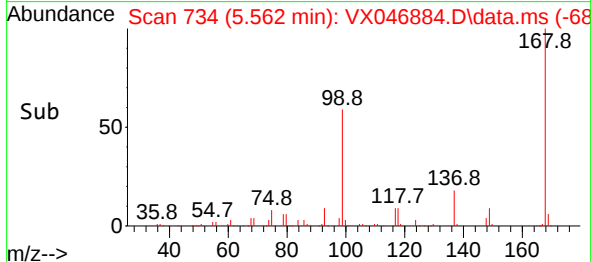
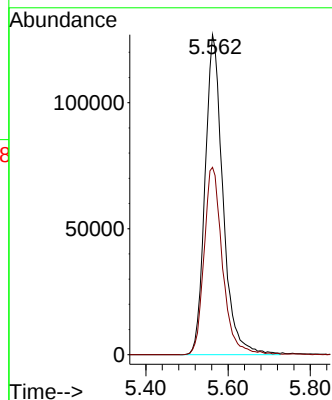
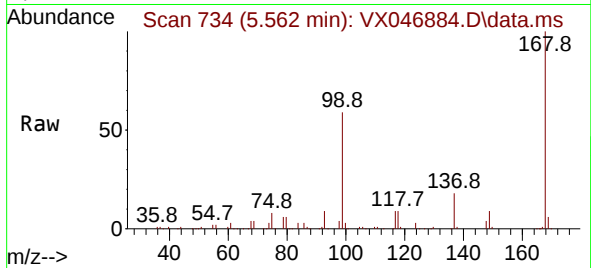




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

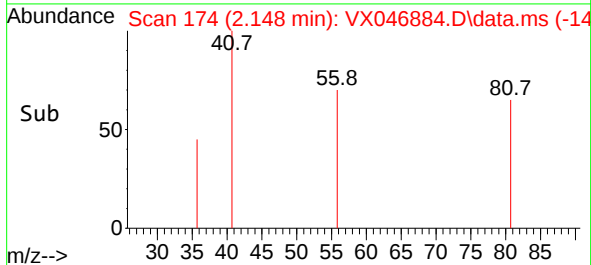
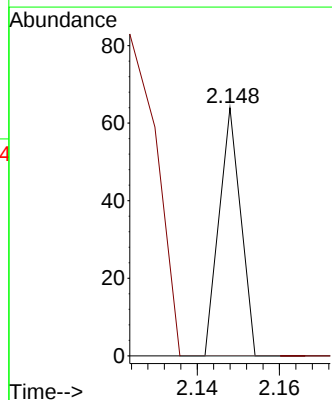
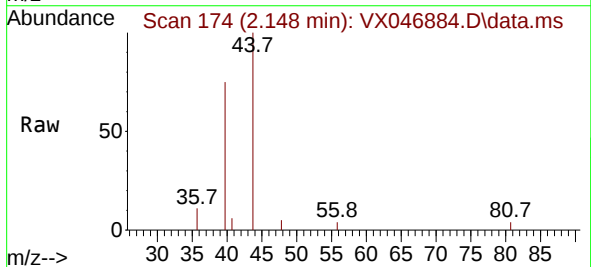
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

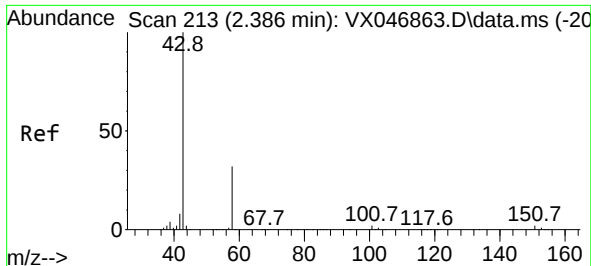
Tgt Ion:168 Resp: 383278
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#13
Acrolein
Concen: 2.897 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.098 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

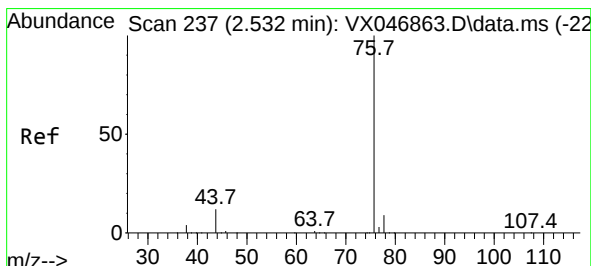
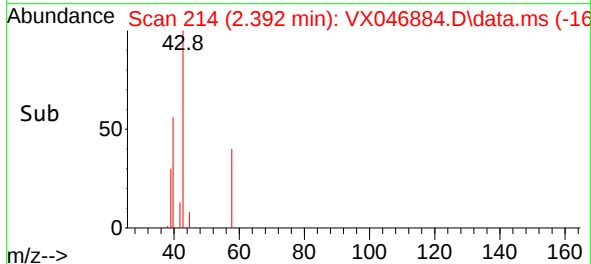
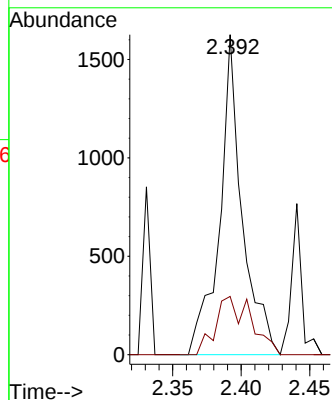
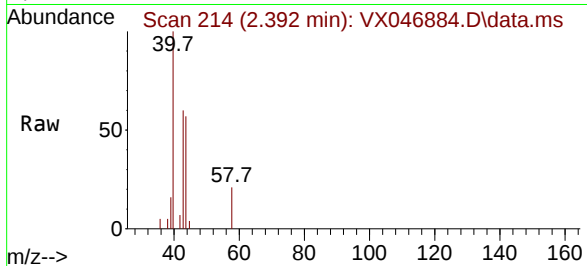




#16
Acetone
Concen: 1.179 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

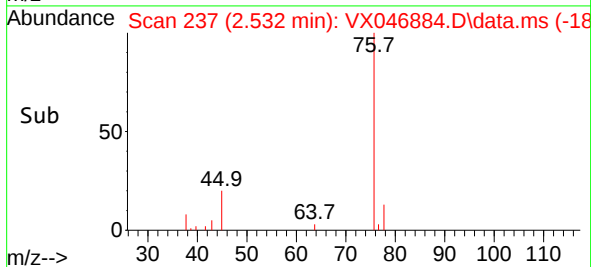
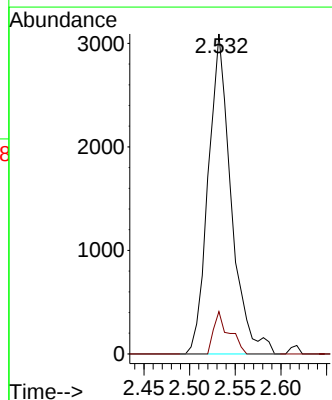
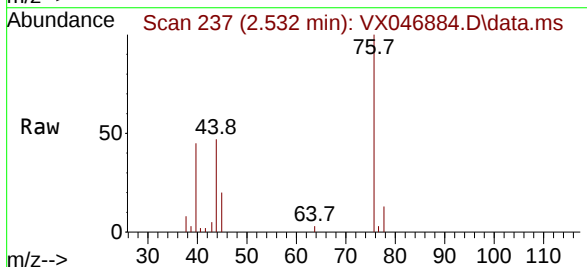
Instrument :
MSVOA_X
ClientSampleId :
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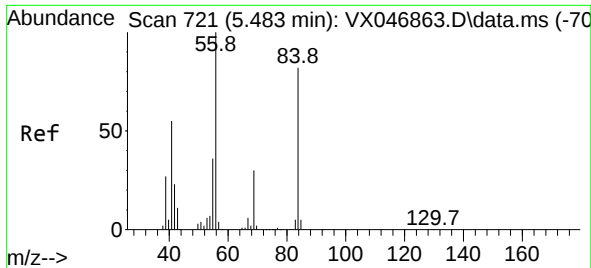
Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 18.2 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.494 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 76 Resp: 5388
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.2#

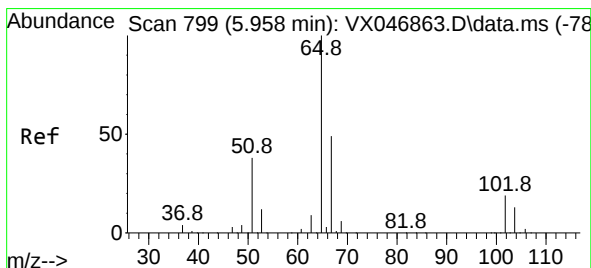
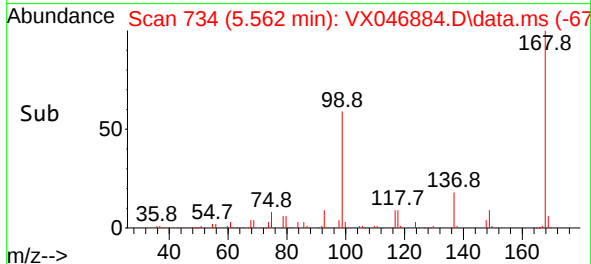
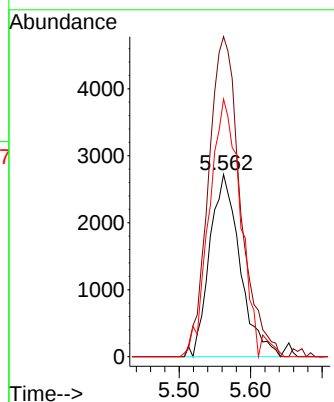
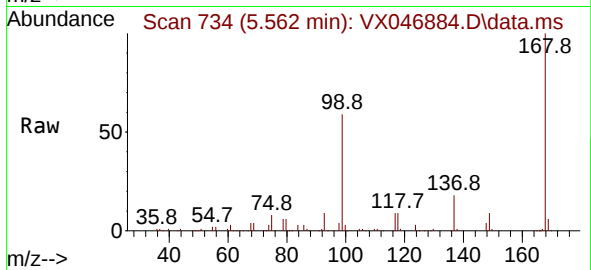




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

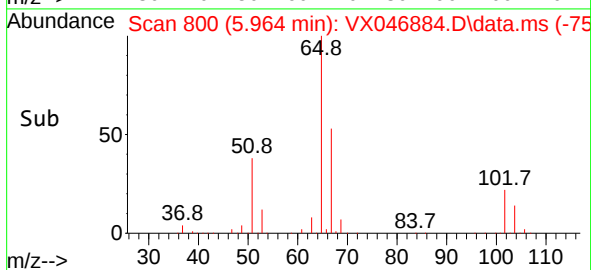
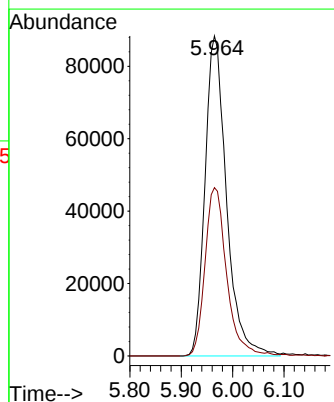
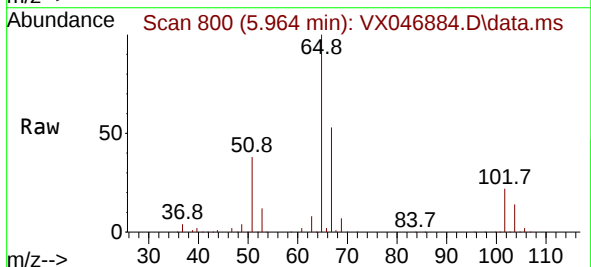
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

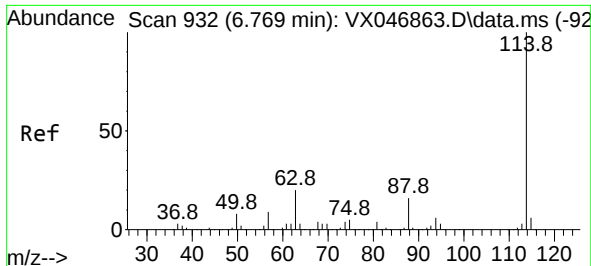
Tgt Ion: 56 Resp: 8037
Ion Ratio Lower Upper
56 100
69 175.6 24.0 36.0#
84 141.3 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 50.626 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 65 Resp: 256342
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

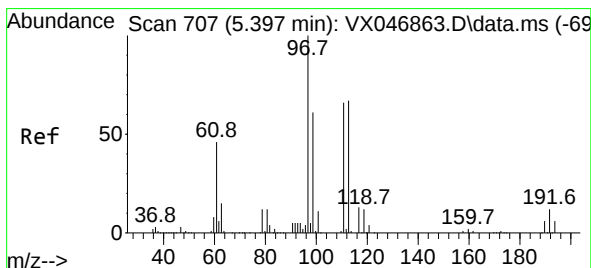
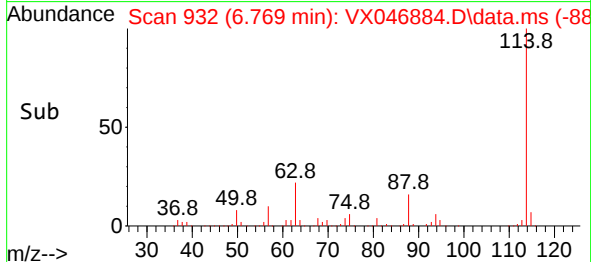
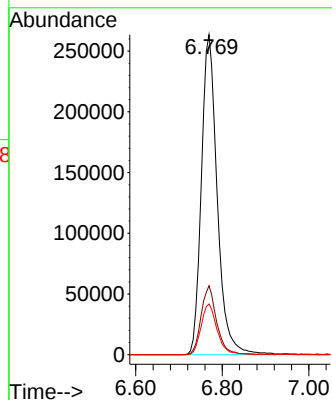
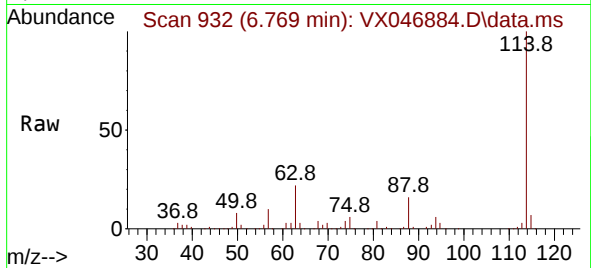




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

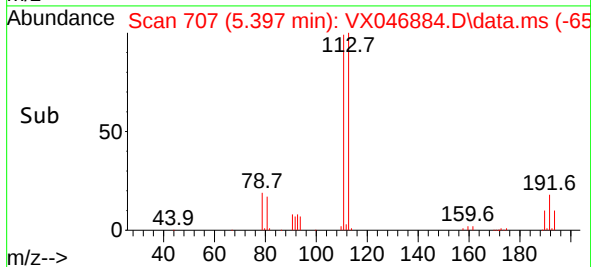
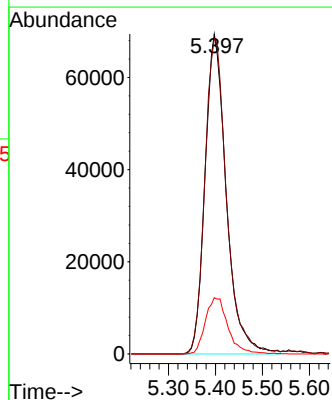
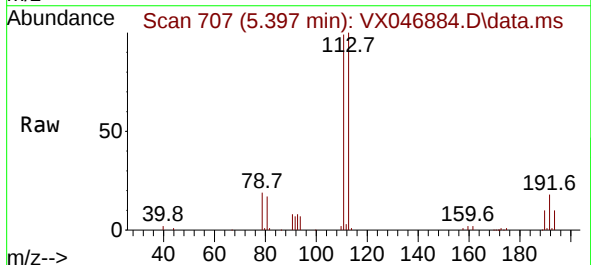
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

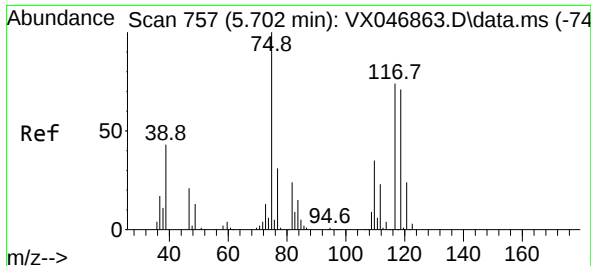
Tgt Ion:114 Resp: 669072
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.4
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.897 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion:113 Resp: 217531
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 18.8 15.3 22.9

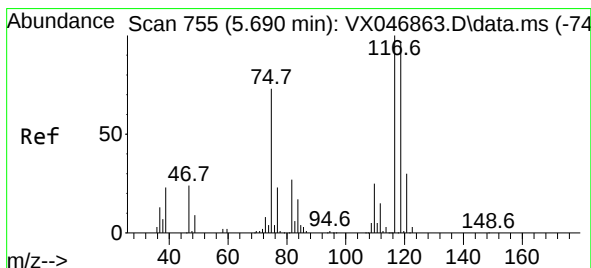
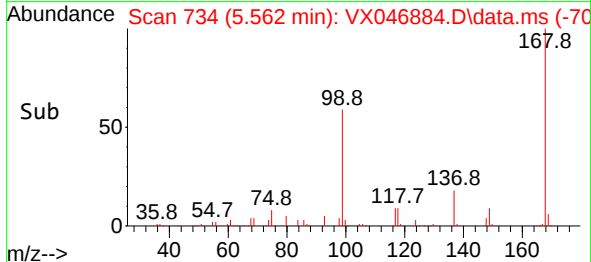
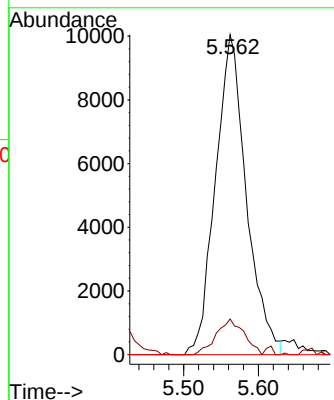
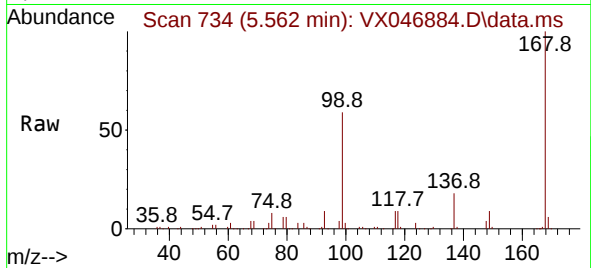




#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

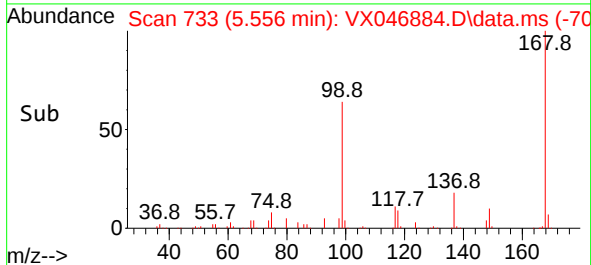
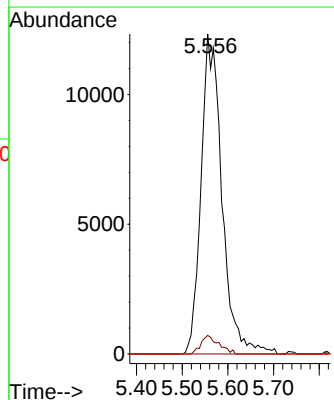
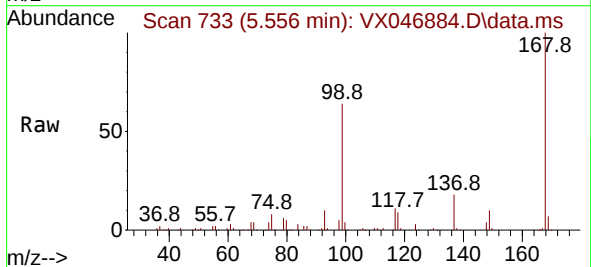
Instrument :
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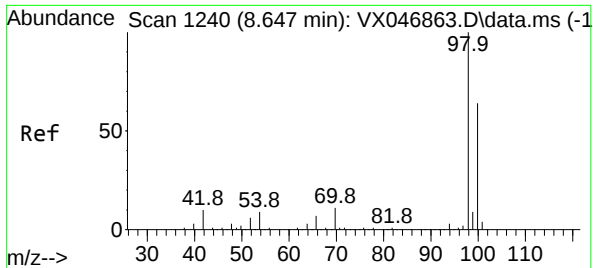
Tgt Ion: 75 Resp: 28843
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 117 Resp: 39052
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.1 36.1#

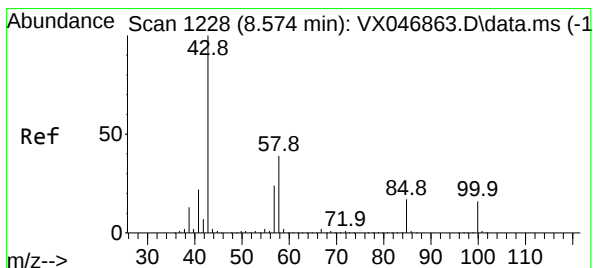
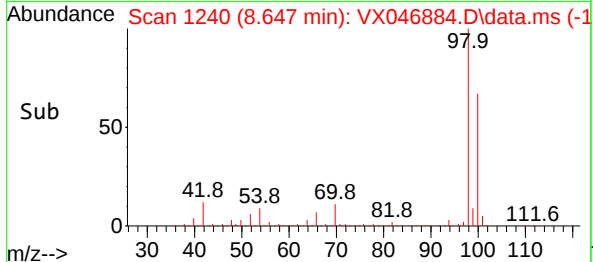
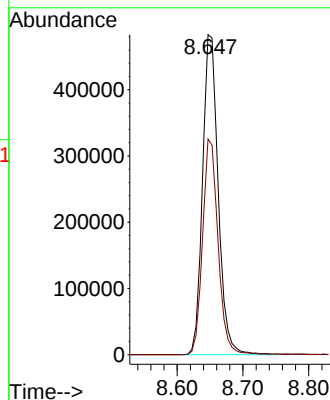
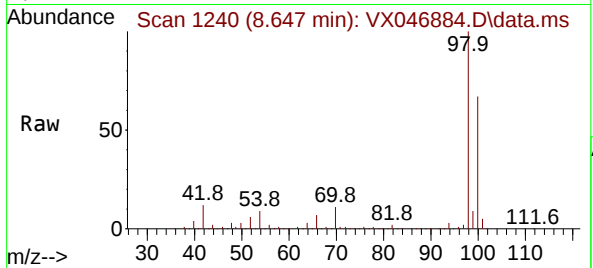




#50
Toluene-d8
Concen: 49.928 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

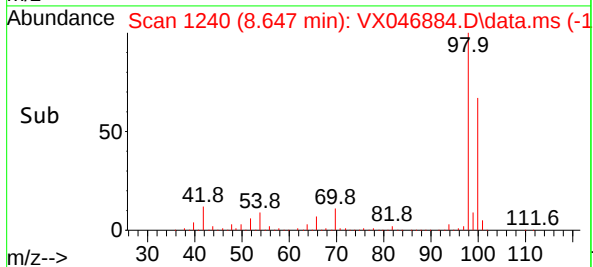
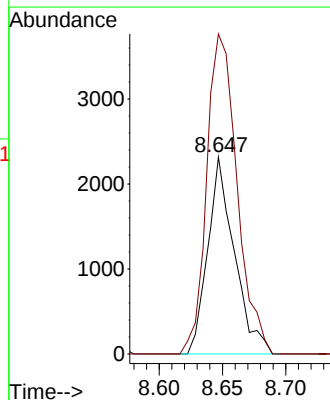
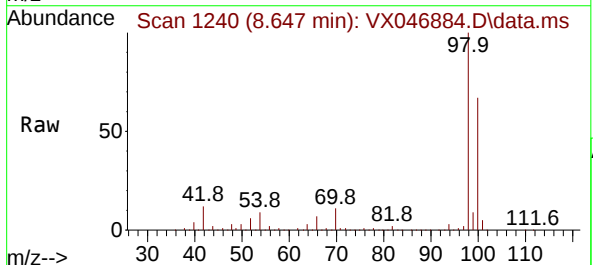
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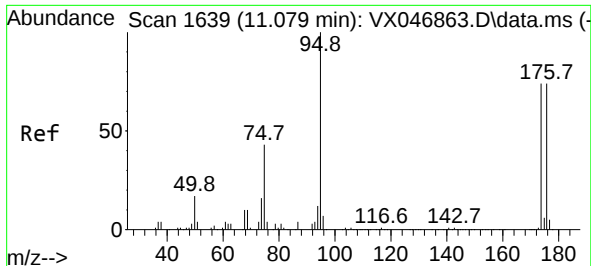
Tgt Ion: 98 Resp: 800040
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.719 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
58 185.9 30.4 45.6#

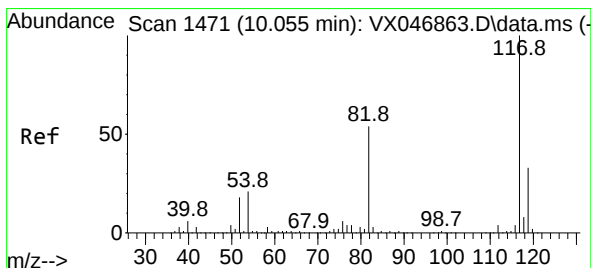
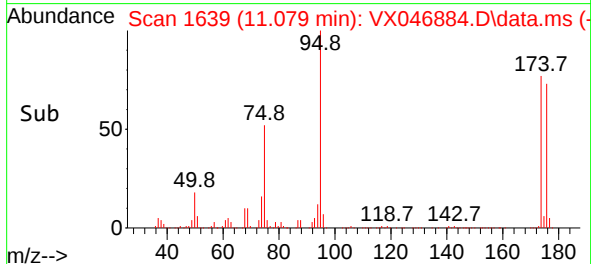
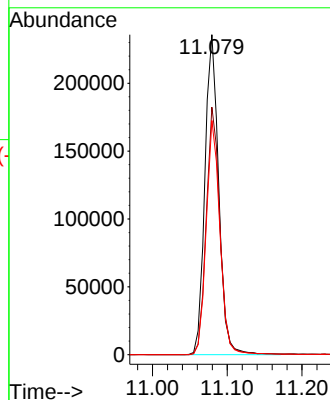
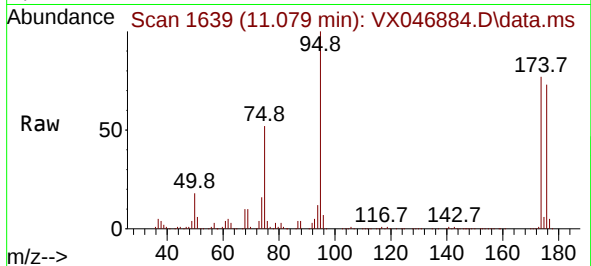




#62
4-Bromofluorobenzene
Concen: 49.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

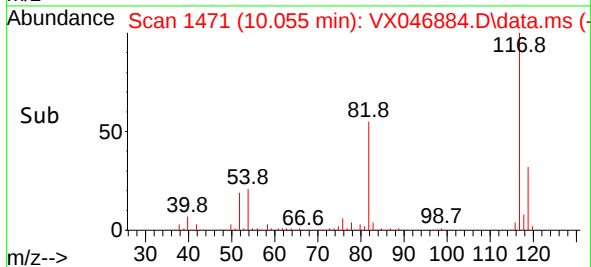
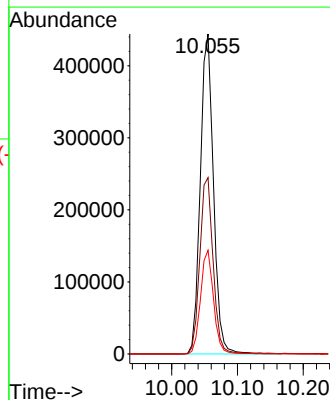
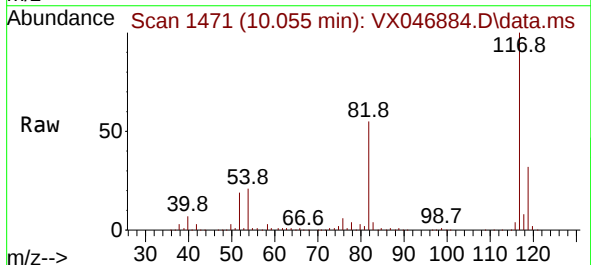
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

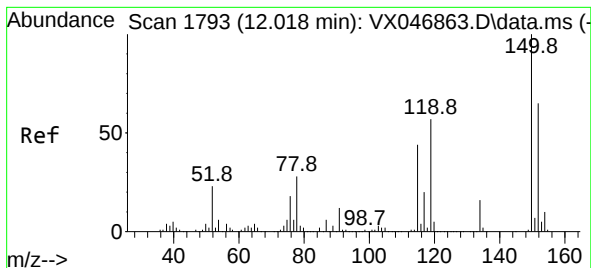
Tgt Ion: 95 Resp: 302298
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.0
176 72.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

Tgt Ion: 117 Resp: 617017
Ion Ratio Lower Upper
117 100
82 55.1 43.3 64.9
119 32.4 26.4 39.6

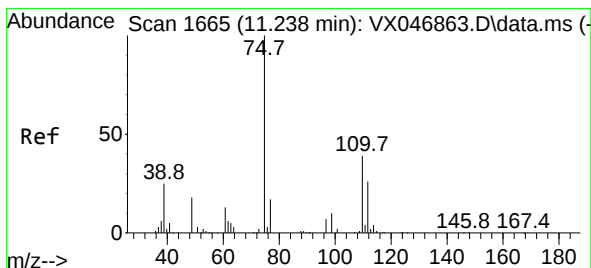
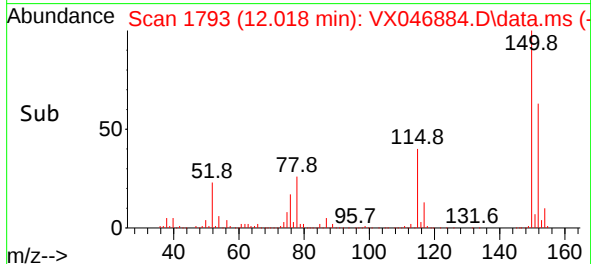
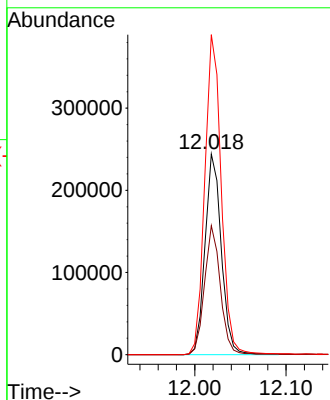
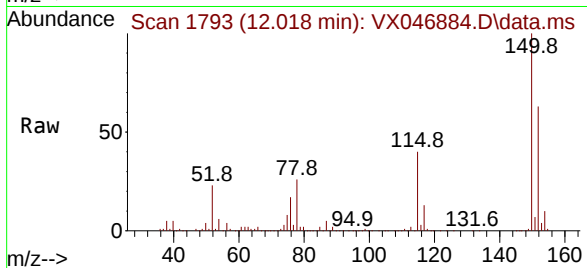




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

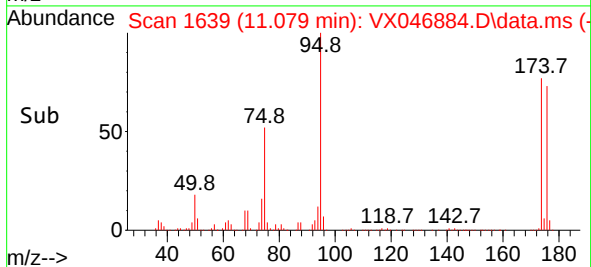
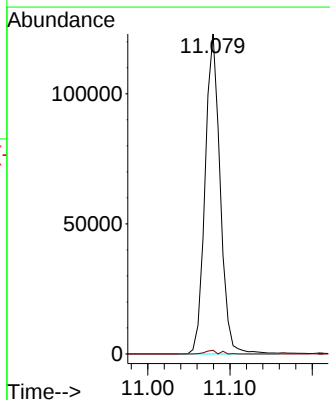
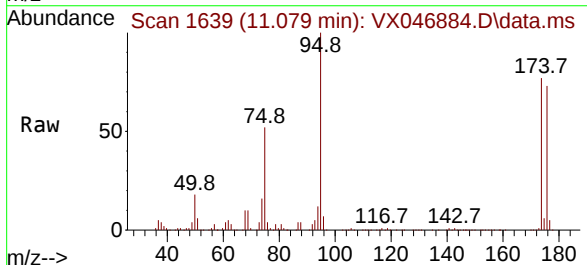
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

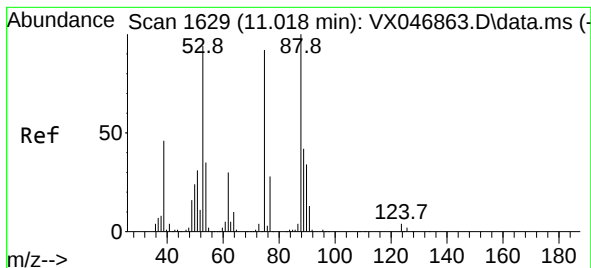
Tgt Ion:152 Resp: 301852
Ion Ratio Lower Upper
152 100
115 62.8 42.4 127.1
150 161.8 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 33.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046884.D
Acq: 03 Jul 2025 13:55

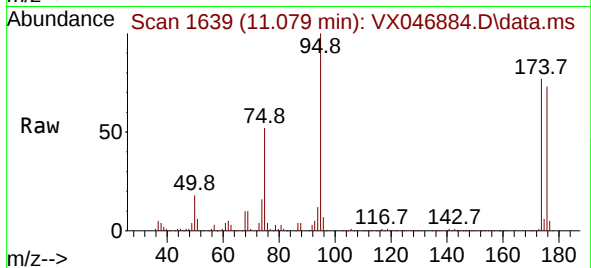
Tgt Ion: 75 Resp: 156649
Ion Ratio Lower Upper
75 100
77 1.0 20.6 61.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.129 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046884.D
 Acq: 03 Jul 2025 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion: 75 Resp: 156649
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 38.2 57.2#

