

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047045.D
 Acq On : 18 Jul 2025 13:36
 Operator : JC/MD
 Sample : Q2581-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 19 04:23:42 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)

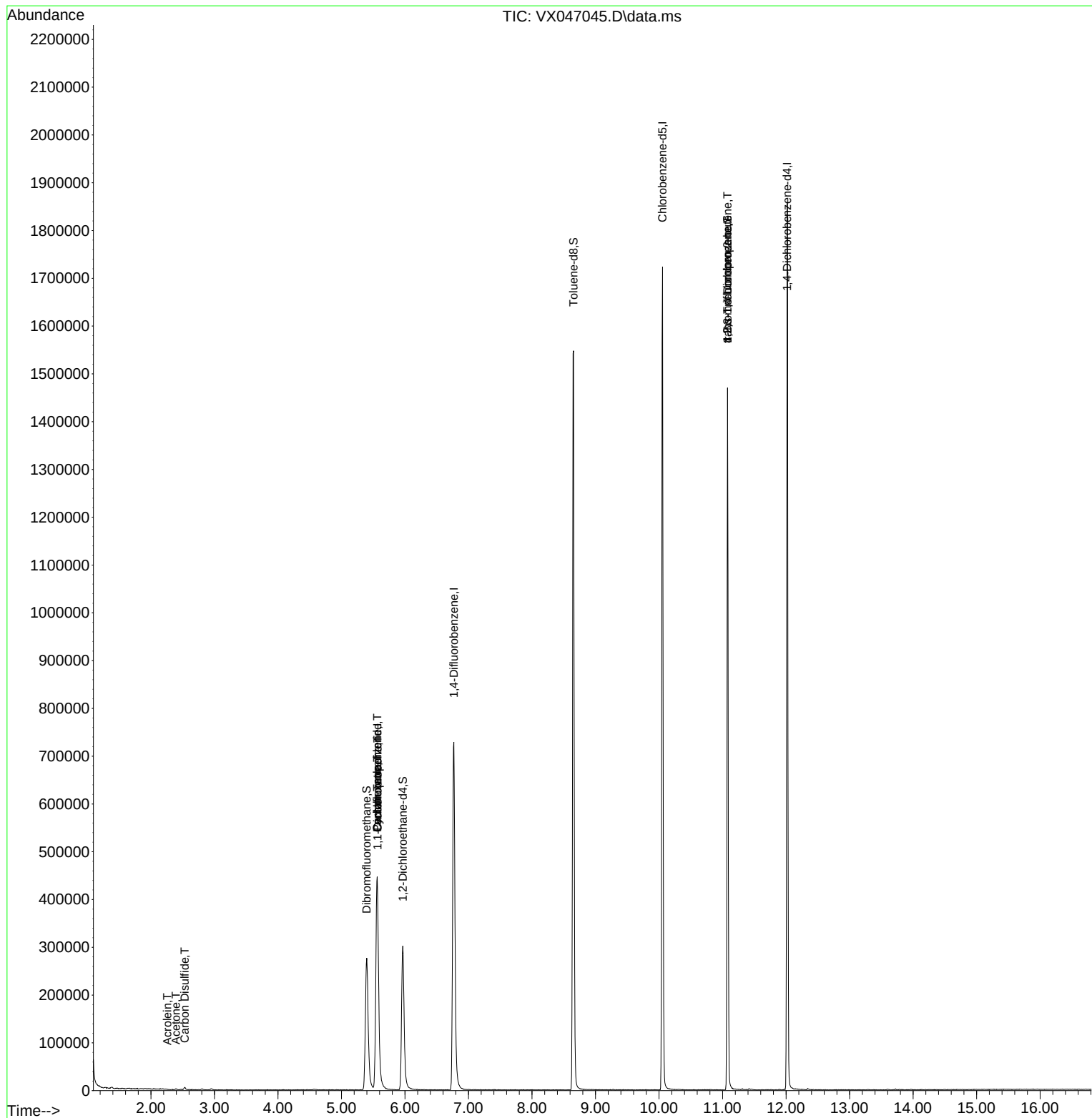
Internal Standards						
1) Pentafluorobenzene	5.562	168	450914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	794068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	752445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	362199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	312459	52.452	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.900%		
35) Dibromofluoromethane	5.397	113	263142	48.819	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.640%		
50) Toluene-d8	8.653	98	955041	50.219	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.440%		
62) 4-Bromofluorobenzene	11.079	95	381182	52.738	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.480%		
Target Compounds						
					Qvalue	
13) Acrolein	2.258	56	25	2.892	ug/l #	1
16) Acetone	2.392	43	1986	1.073	ug/l #	88
17) Carbon Disulfide	2.532	76	5209	0.406	ug/l #	94
31) Cyclohexane	5.562	56	10216	1.200	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	37171	5.111	ug/l #	49
38) Carbon Tetrachloride	5.562	117	47248	6.145	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	199646	35.674	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	199646	95.730	ug/l #	8

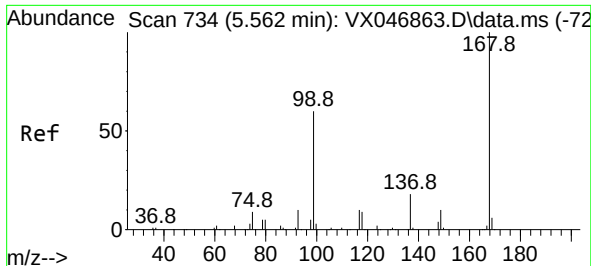
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
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Sample : Q2581-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 19 04:23:42 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

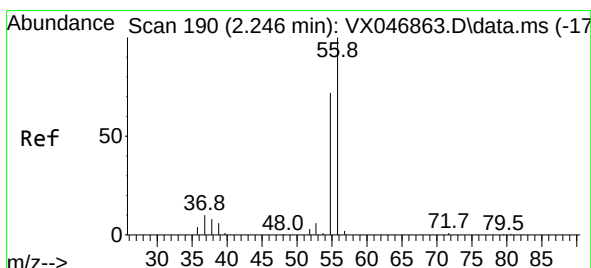
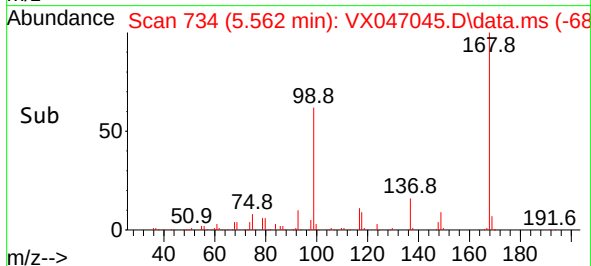
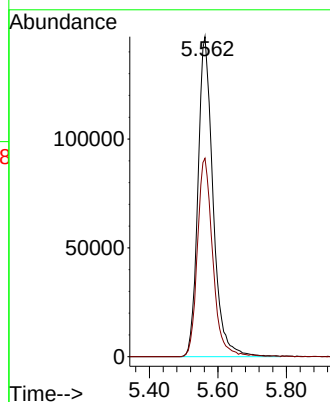
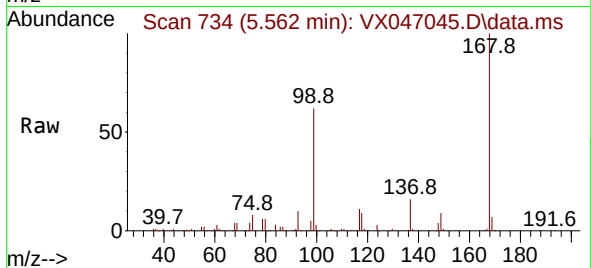




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

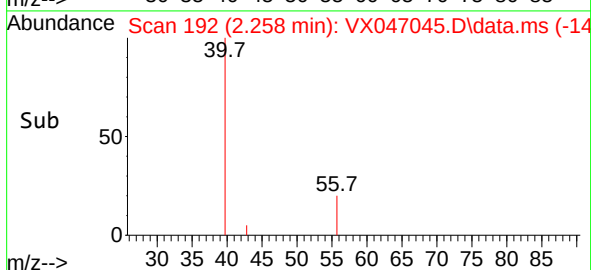
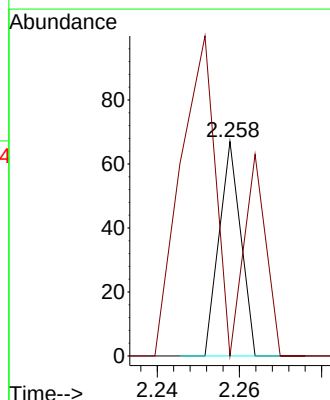
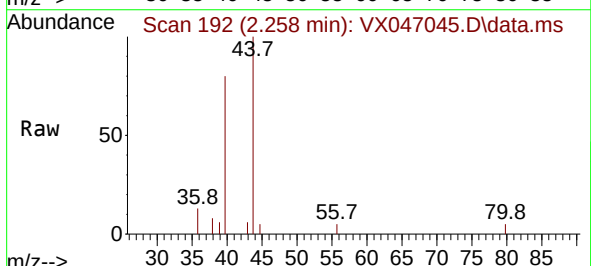
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

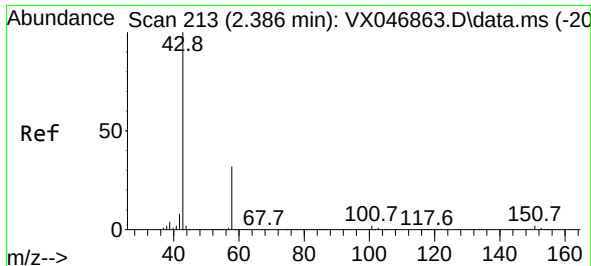
Tgt Ion:168 Resp: 450914
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#13
Acrolein
Concen: 2.892 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.012 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 328.0 55.5 83.3#

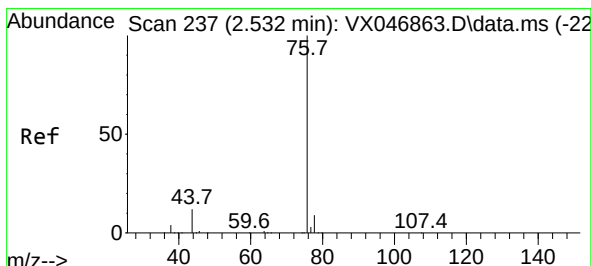
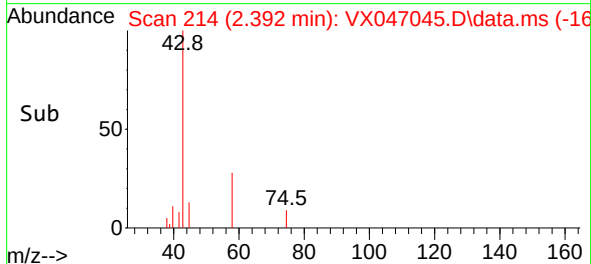
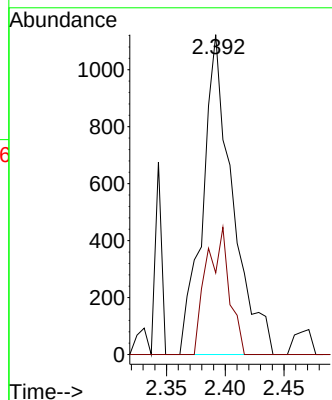
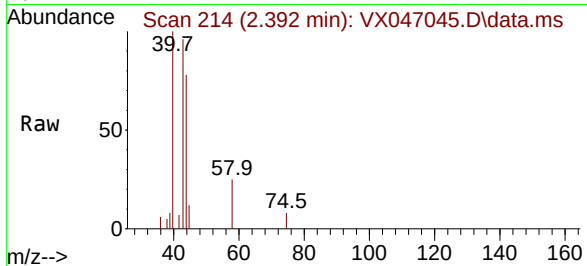




#16
Acetone
Concen: 1.073 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

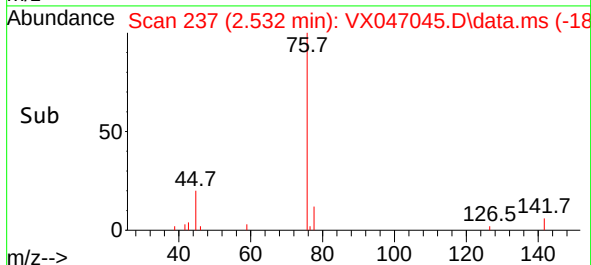
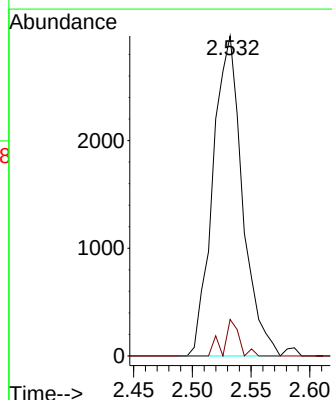
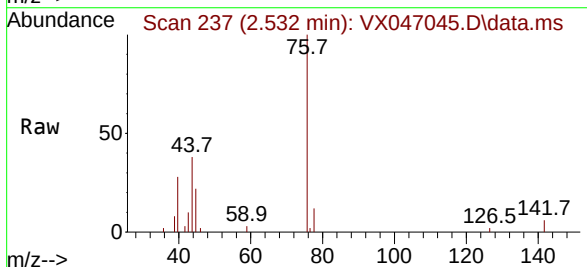
Instrument :
MSVOA_X
ClientSampleId :
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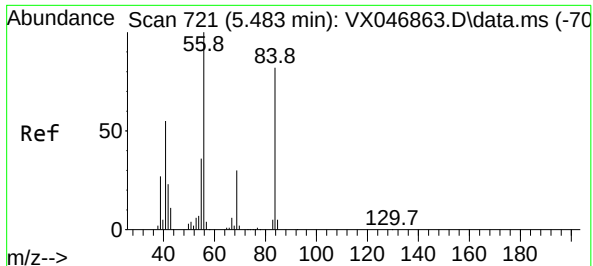
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 25.6 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 76 Resp: 5209
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.2#

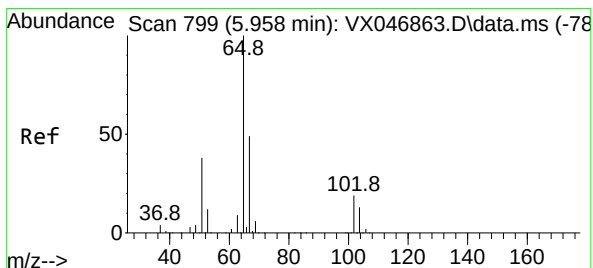
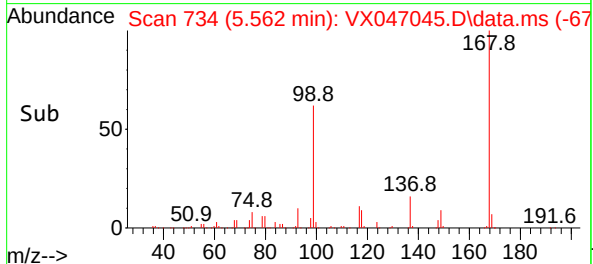
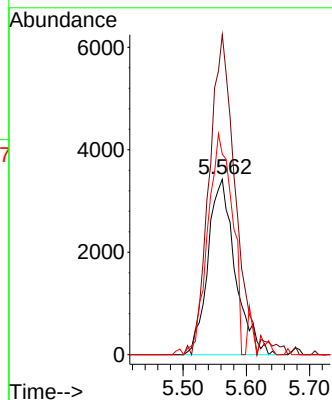
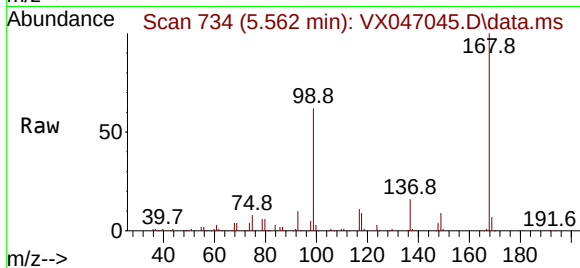




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

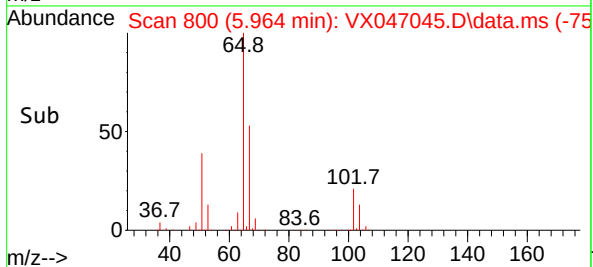
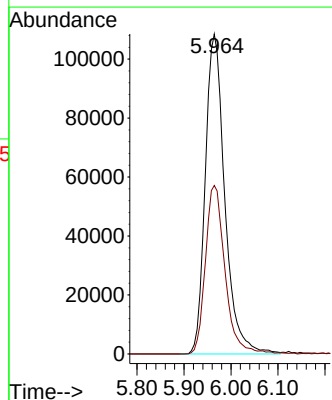
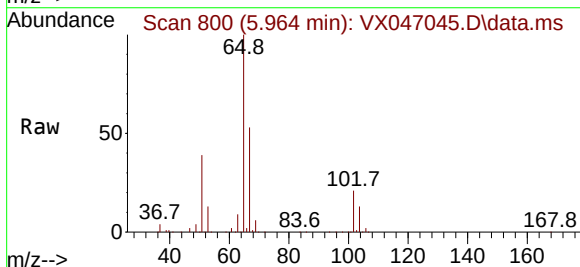
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

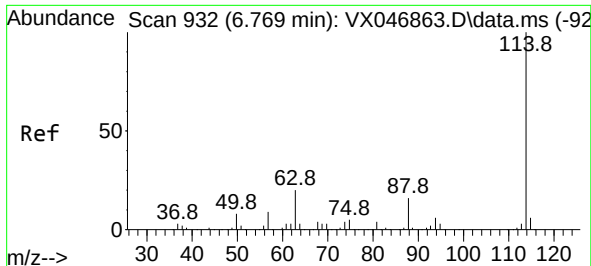
Tgt Ion: 56 Resp: 10216
Ion Ratio Lower Upper
56 100
69 182.4 24.0 36.0#
84 114.3 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 52.452 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 65 Resp: 312459
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

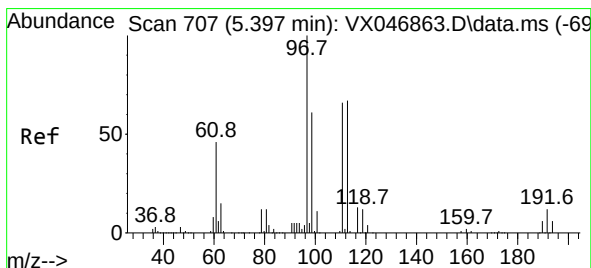
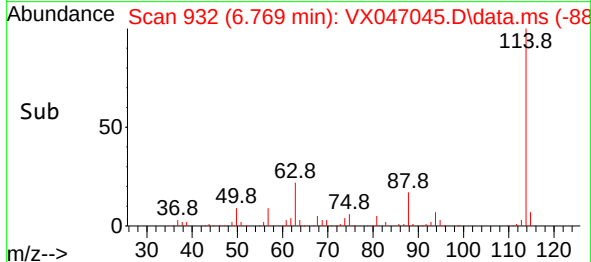
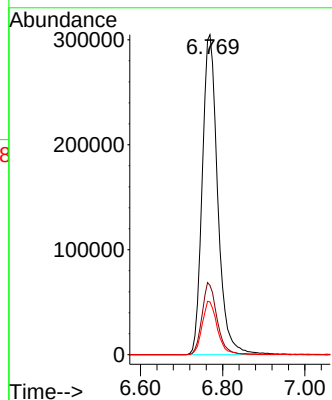
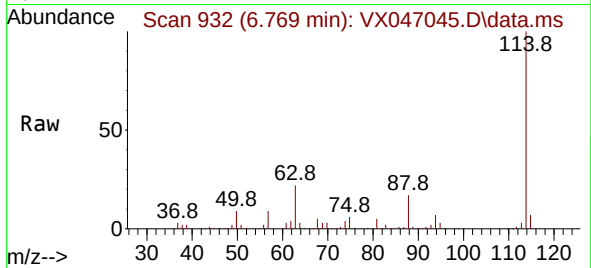




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

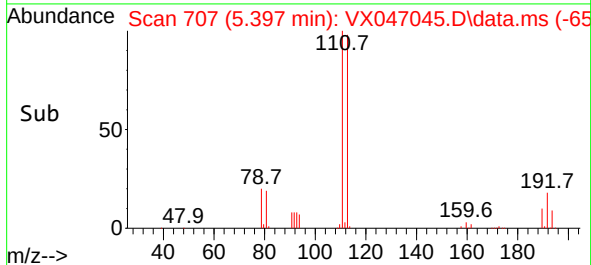
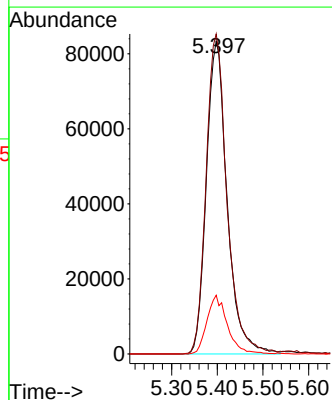
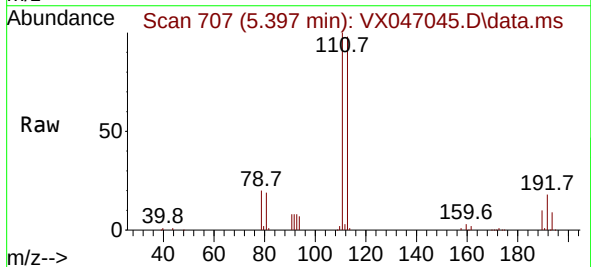
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

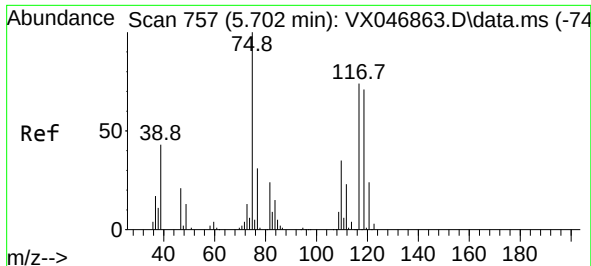
Tgt Ion:114 Resp: 794068
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.4
88 16.5 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion:113 Resp: 263142
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 18.4 15.3 22.9

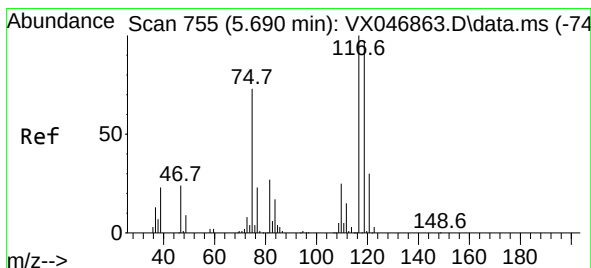
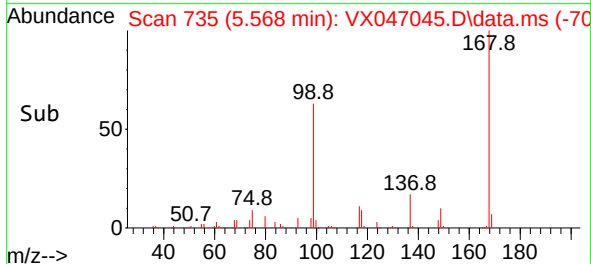
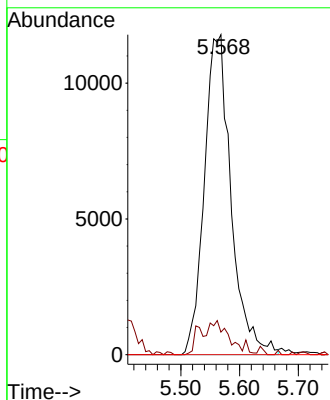
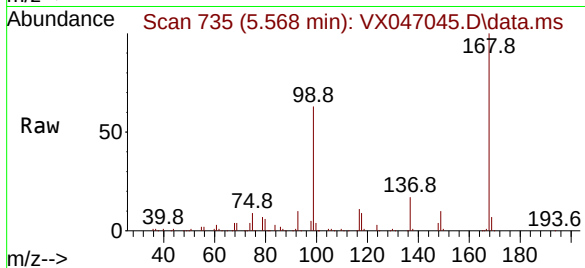




#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

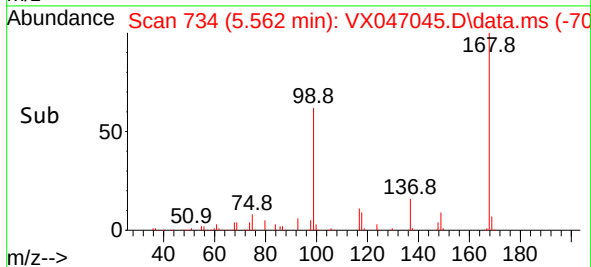
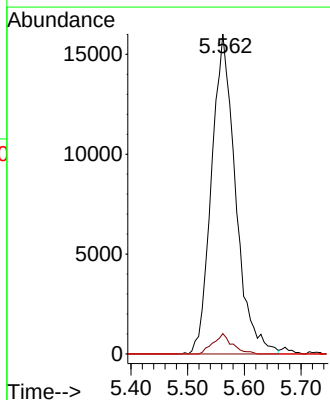
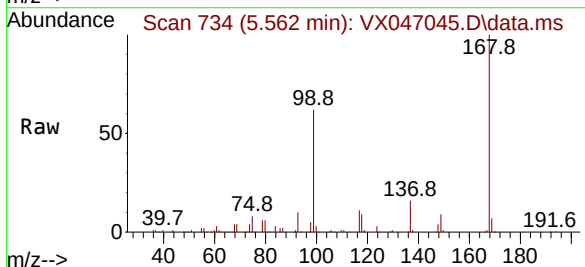
Instrument :
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ClientSampleId :
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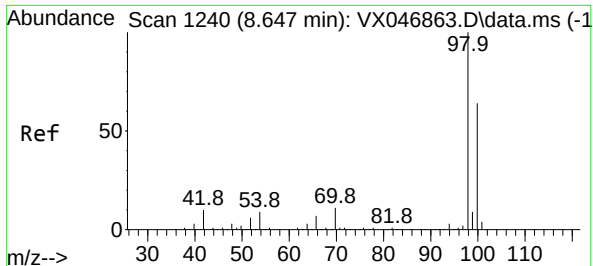
Tgt Ion: 75 Resp: 37171
Ion Ratio Lower Upper
75 100
110 7.9 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 117 Resp: 47248
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 0.0 24.1 36.1#

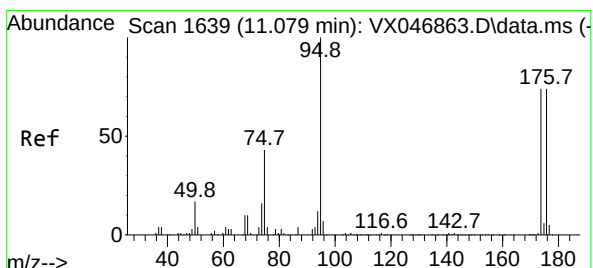
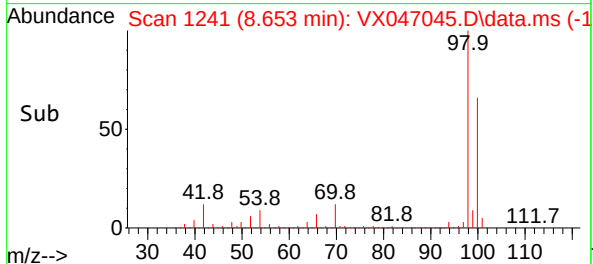
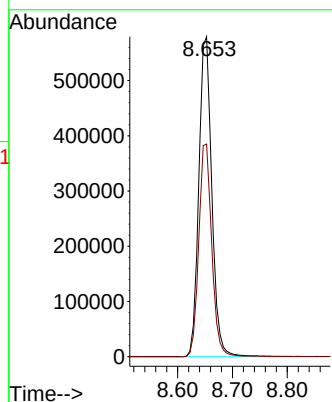
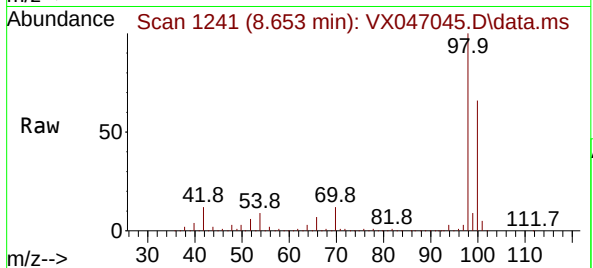




#50
Toluene-d8
Concen: 50.219 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

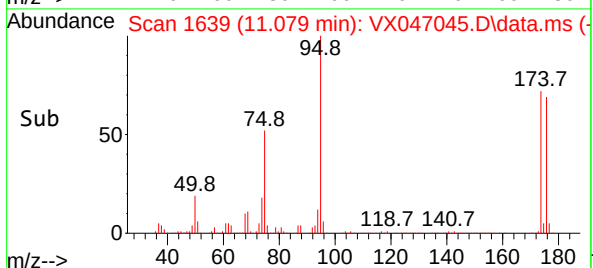
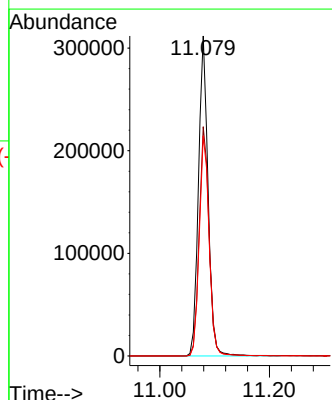
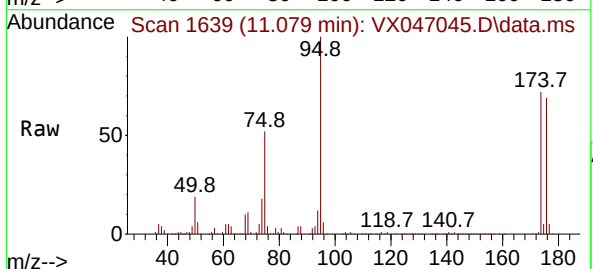
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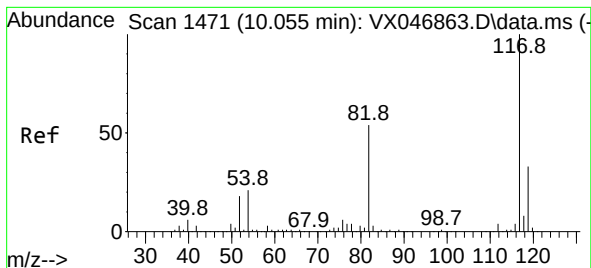
Tgt Ion: 98 Resp: 955041
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 95 Resp: 381182
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.0
176 70.7 0.0 145.2

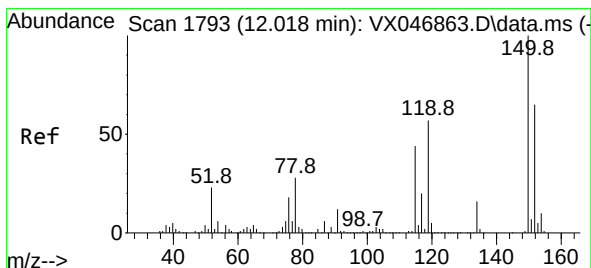
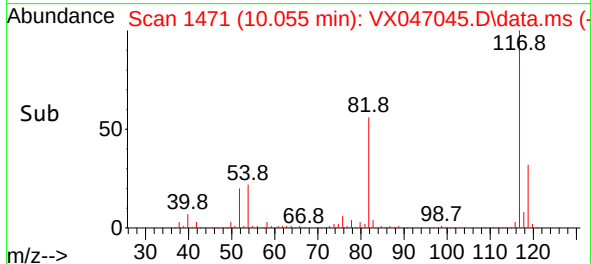
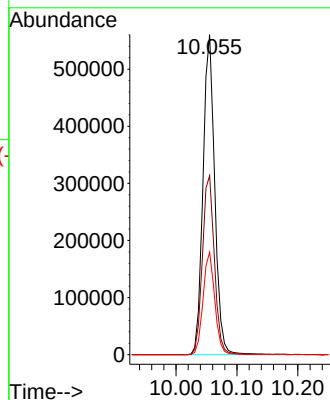
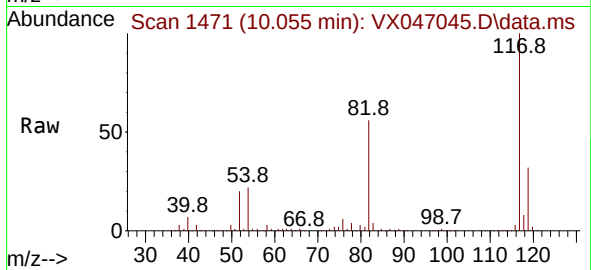




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

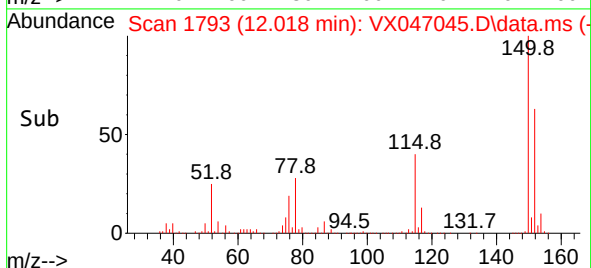
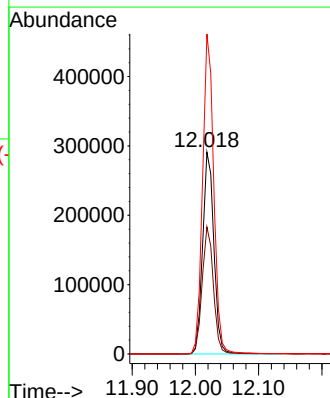
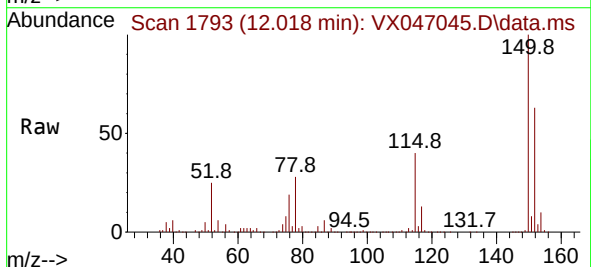
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

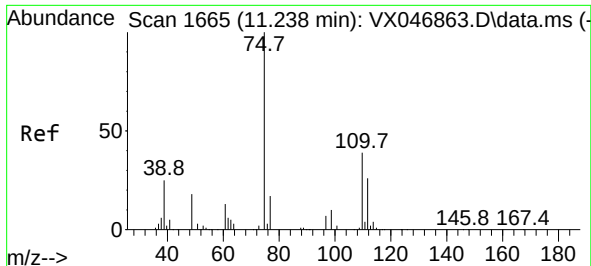
Tgt Ion:117 Resp: 752445
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion:152 Resp: 362199
Ion Ratio Lower Upper
152 100
115 63.1 42.4 127.1
150 157.1 0.0 349.2

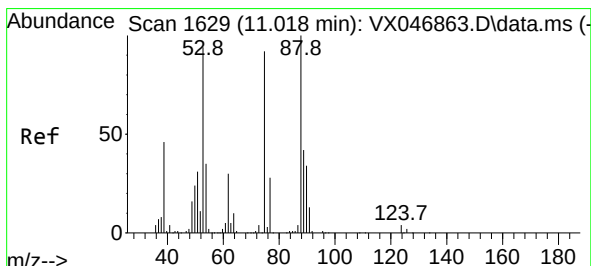
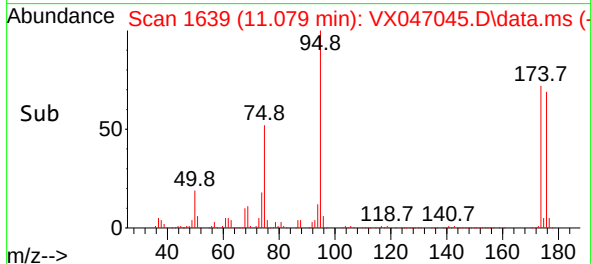
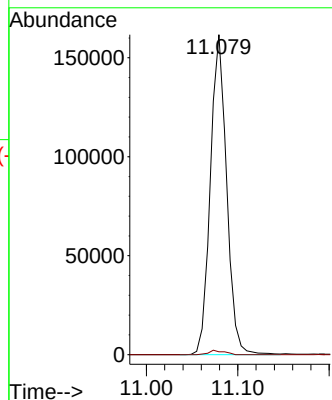
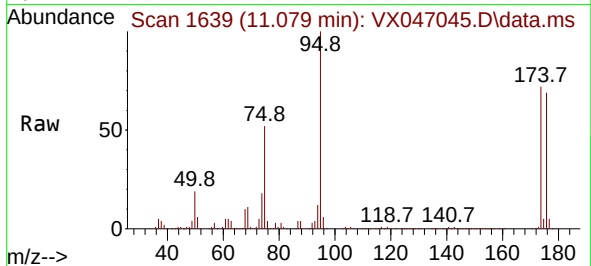




#76
1,2,3-Trichloropropane
Concen: 35.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

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

Tgt Ion: 75 Resp: 199646
Ion Ratio Lower Upper
75 100
77 1.3 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047045.D
Acq: 18 Jul 2025 13:36

Tgt Ion: 75 Resp: 199646
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

