

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048137.D
 Acq On : 13 Oct 2025 13:27
 Operator : JC/MD
 Sample : Q3311-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215D

Quant Time: Oct 14 01:54:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

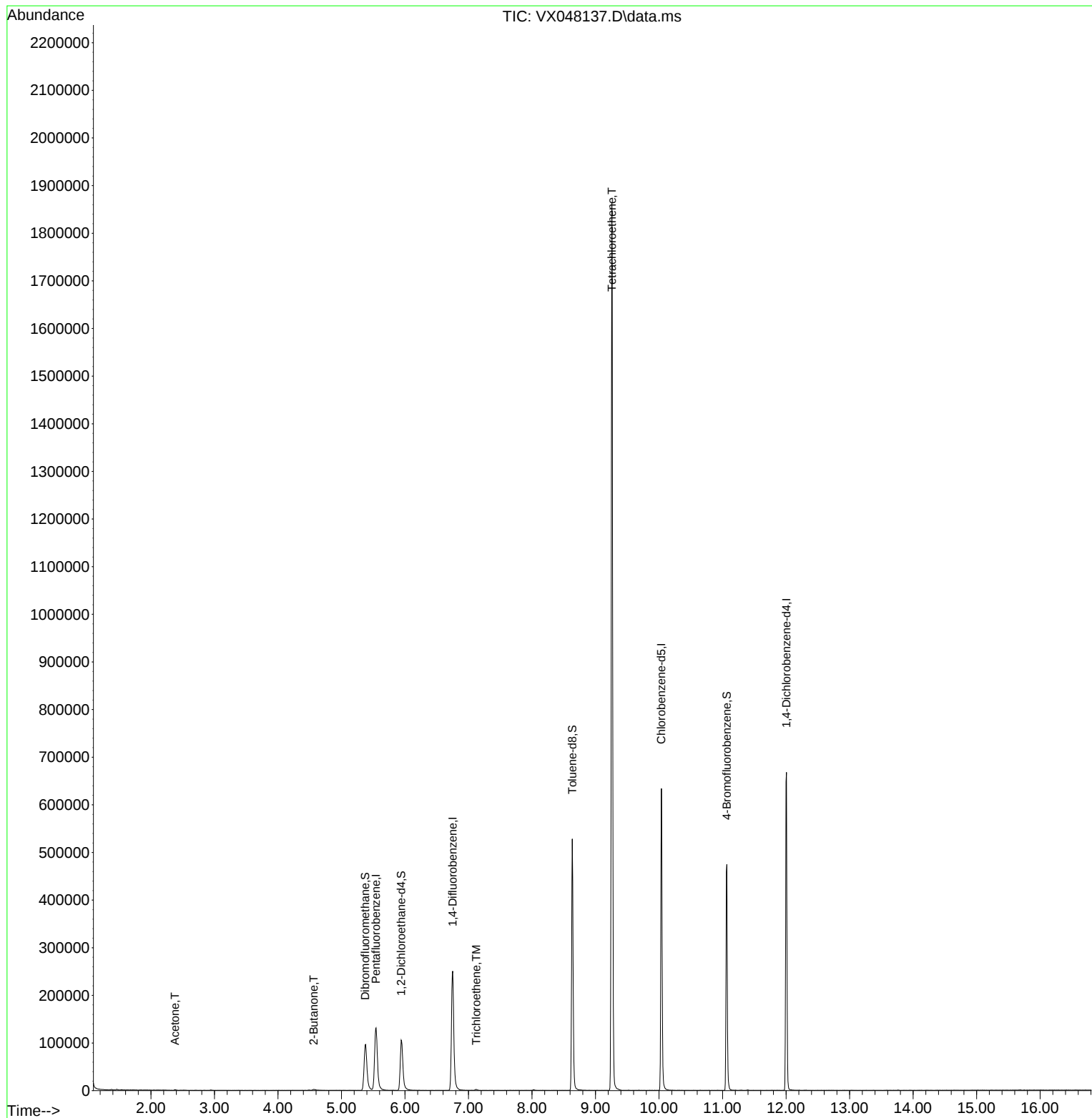
Internal Standards						
1) Pentafluorobenzene	5.544	168	132600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	277826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115745	54.838	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.680%		
35) Dibromofluoromethane	5.373	113	94255	50.586	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.180%		
50) Toluene-d8	8.635	98	315217	48.892	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	11.067	95	138613	56.650	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 113.300%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1749	1.906	ug/l	91
25) 2-Butanone	4.562	43	4914	4.293	ug/l #	85
44) Trichloroethene	7.123	130	1076	0.538	ug/l	60
64) Tetrachloroethene	9.257	164	348954	186.325	ug/l	99

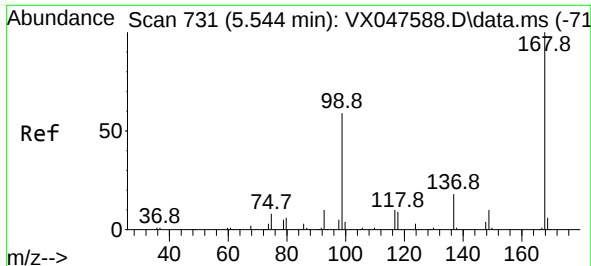
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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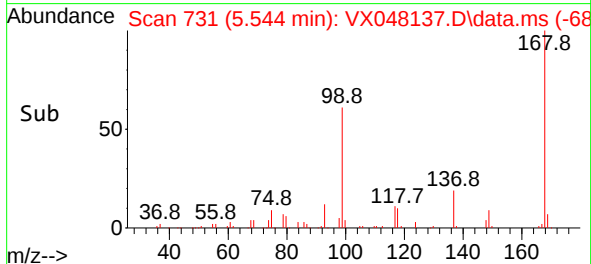
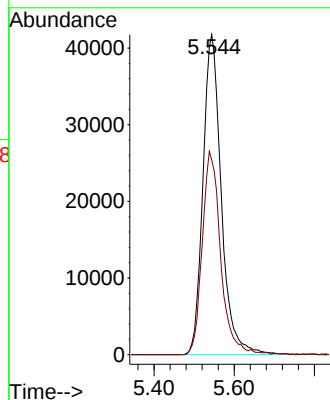
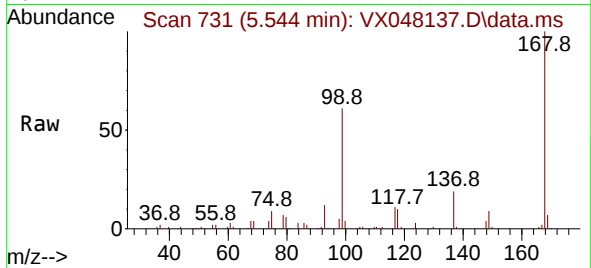




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

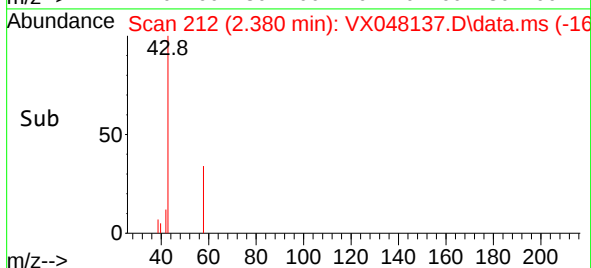
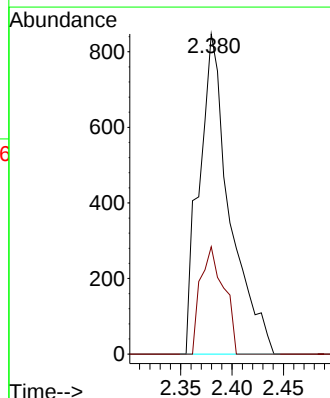
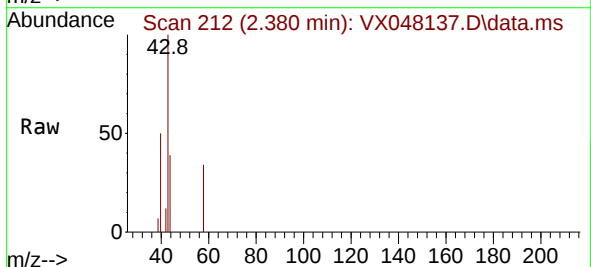
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

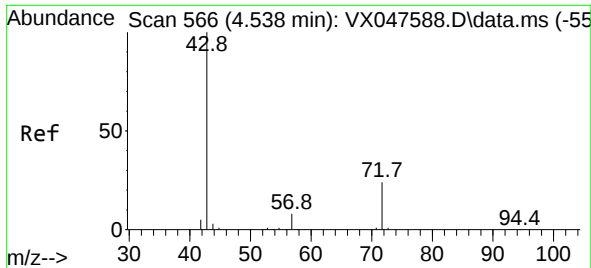
Tgt Ion:168 Resp: 132600
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#16
Acetone
Concen: 1.906 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 24.1 23.4 35.0

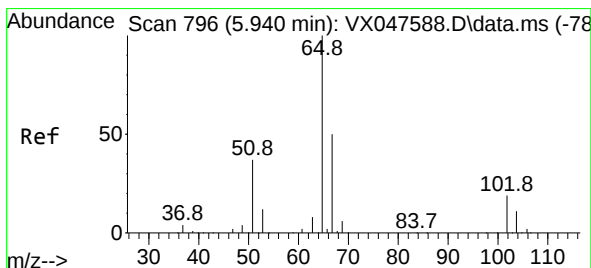
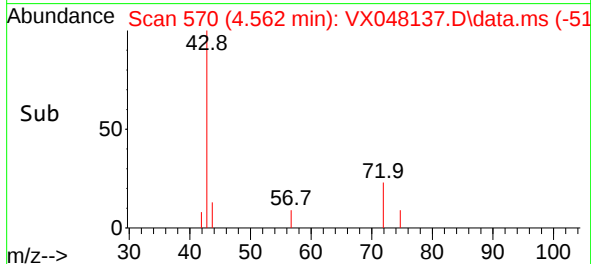
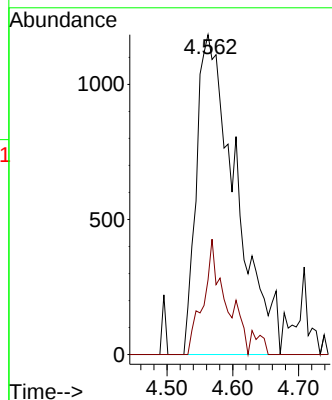
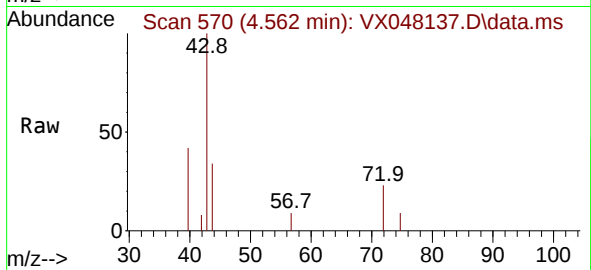




#25
2-Butanone
Concen: 4.293 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

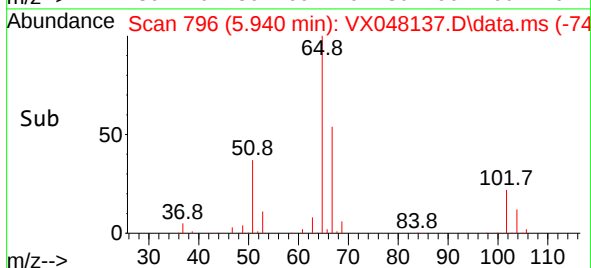
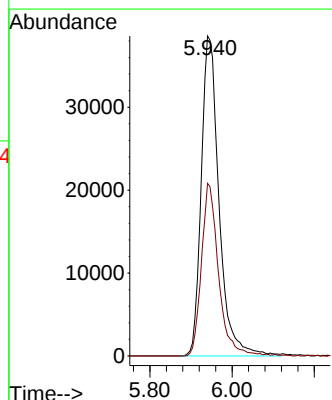
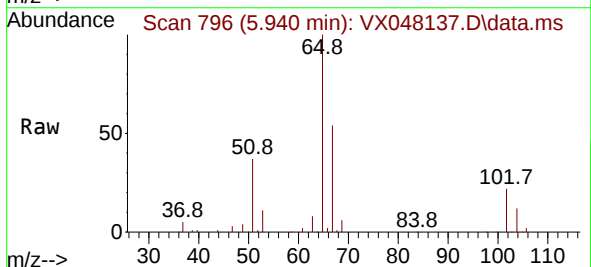
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

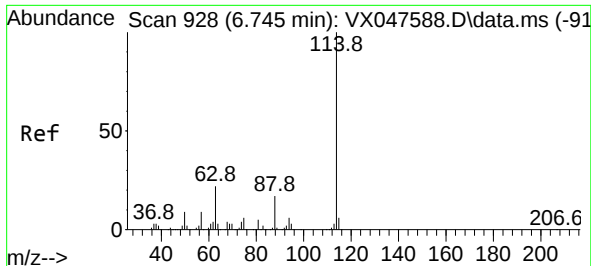
Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
72 17.4 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 54.838 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 65 Resp: 115745
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

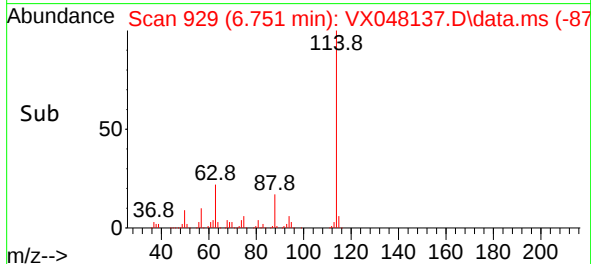
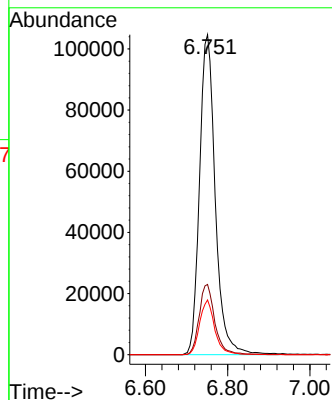
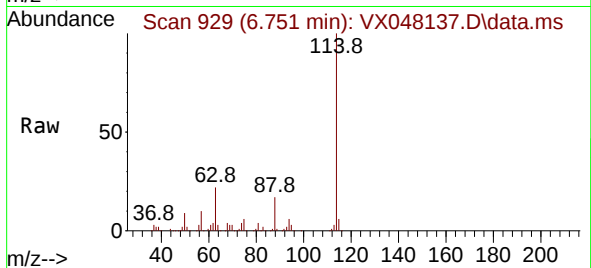




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

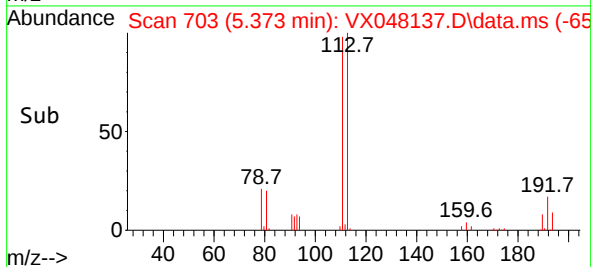
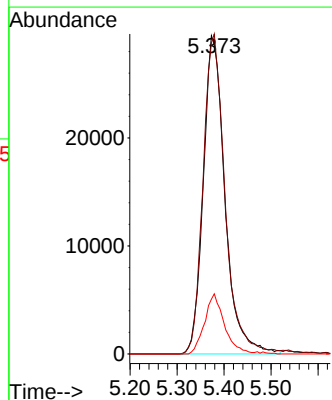
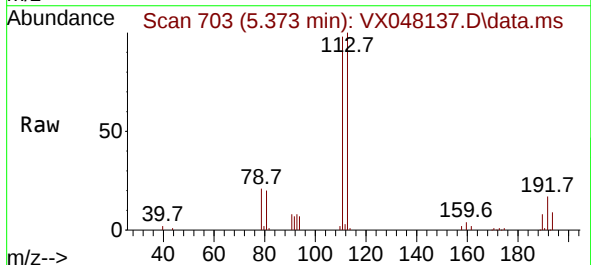
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

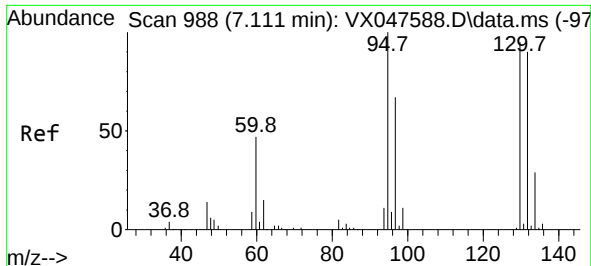
Tgt Ion:114 Resp: 277826
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.586 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion:113 Resp: 94255
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.3 14.2 21.4

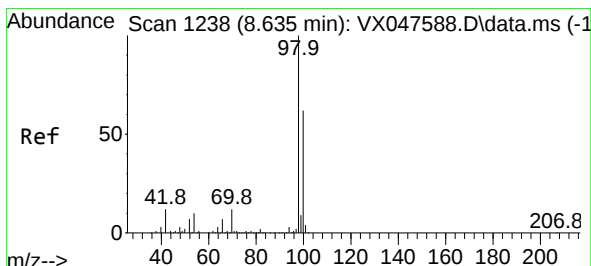
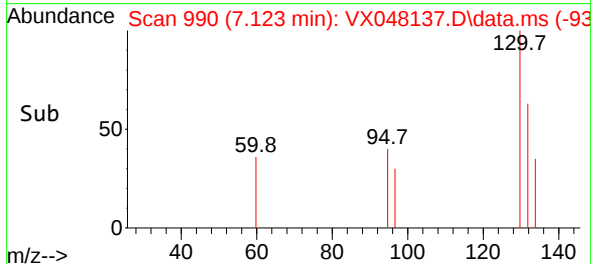
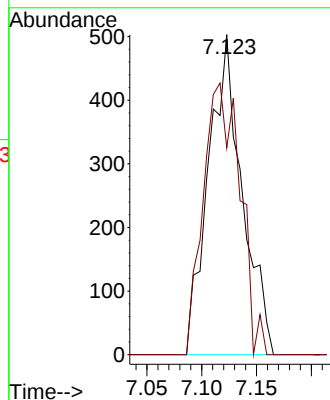
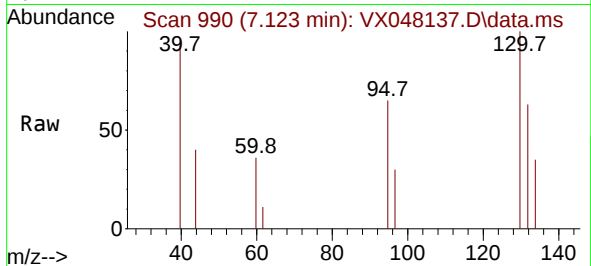




#44
Trichloroethene
Concen: 0.538 ug/l
RT: 7.123 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

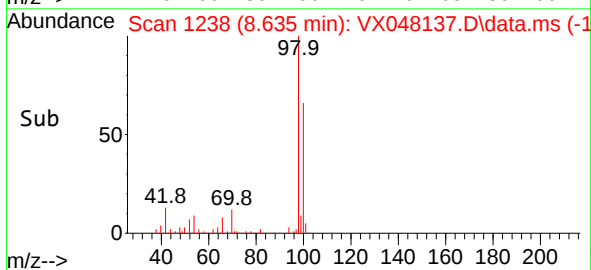
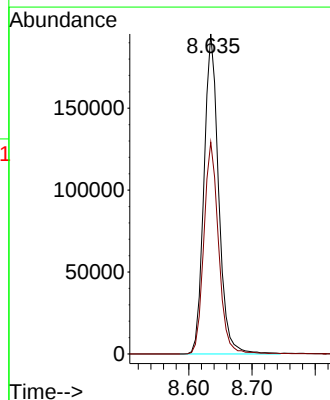
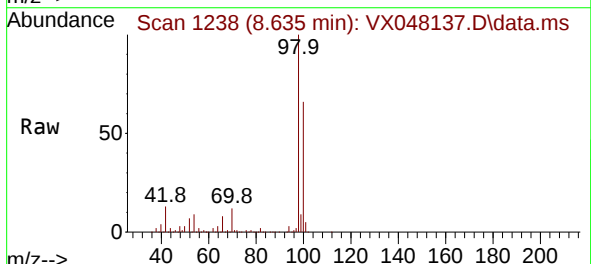
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

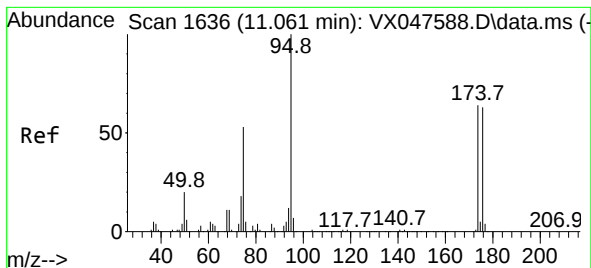
Tgt Ion:130 Resp: 1076
Ion Ratio Lower Upper
130 100
95 64.6 0.0 210.8



#50
Toluene-d8
Concen: 48.892 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 98 Resp: 315217
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

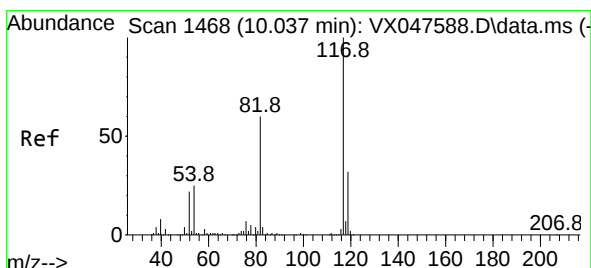
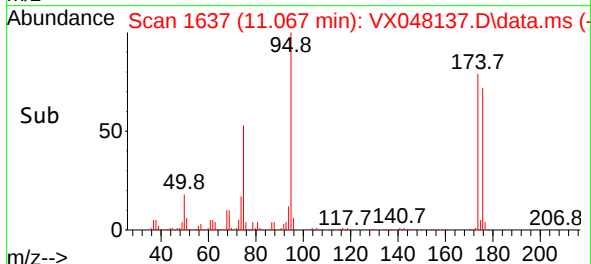
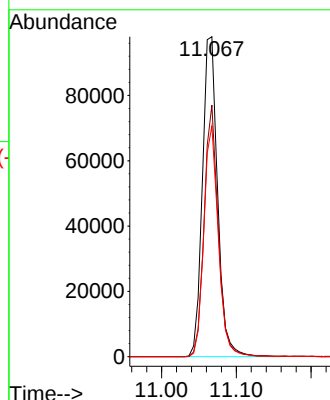
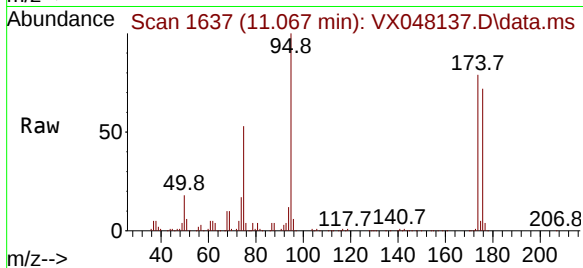




#62
4-Bromofluorobenzene
Concen: 56.650 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

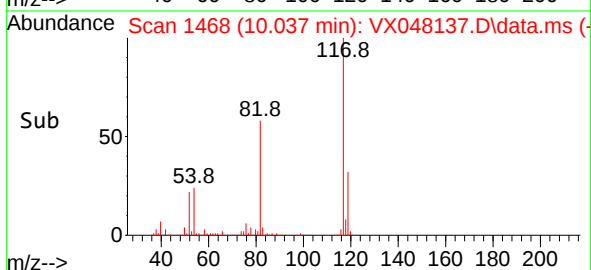
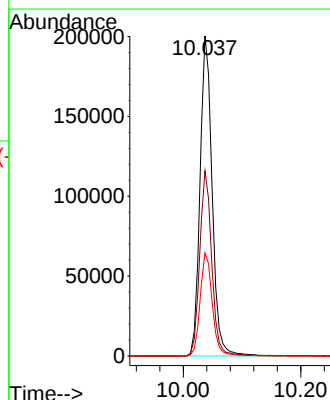
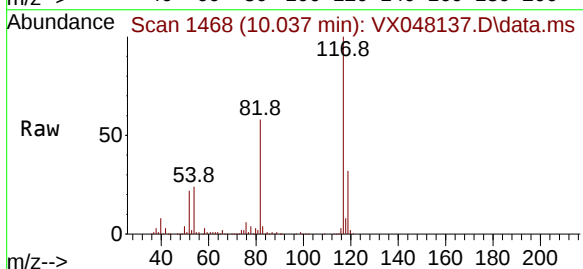
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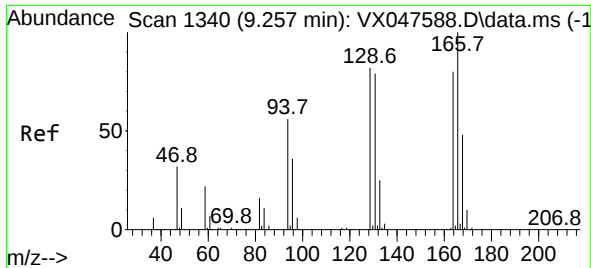
Tgt Ion: 95 Resp: 138613
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 117 Resp: 287289
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.2 25.2 37.8

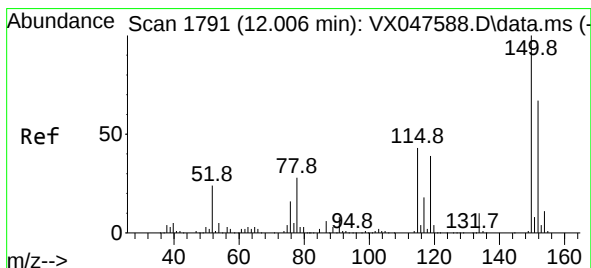
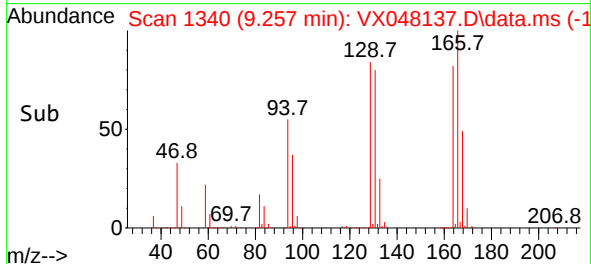
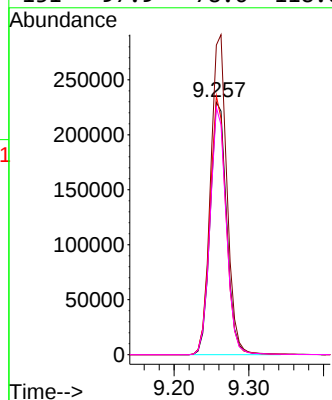
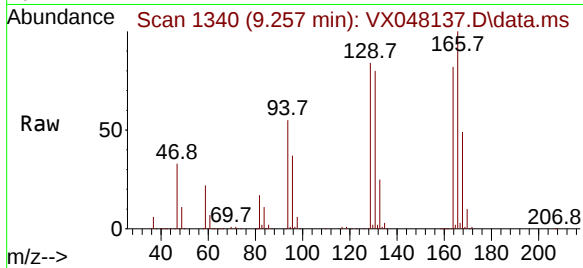




#64
Tetrachloroethene
Concen: 186.325 ug/l
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:164 Resp: 348954
Ion Ratio Lower Upper
164 100
166 122.6 100.2 150.2
129 102.6 81.8 122.6
131 97.9 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion:152 Resp: 142090
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 157.9 0.0 352.0

