

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047668.D
 Acq On : 19 Sep 2025 12:29
 Operator : JC/MD
 Sample : Q3095-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20250910

Quant Time: Sep 20 00:30:10 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)

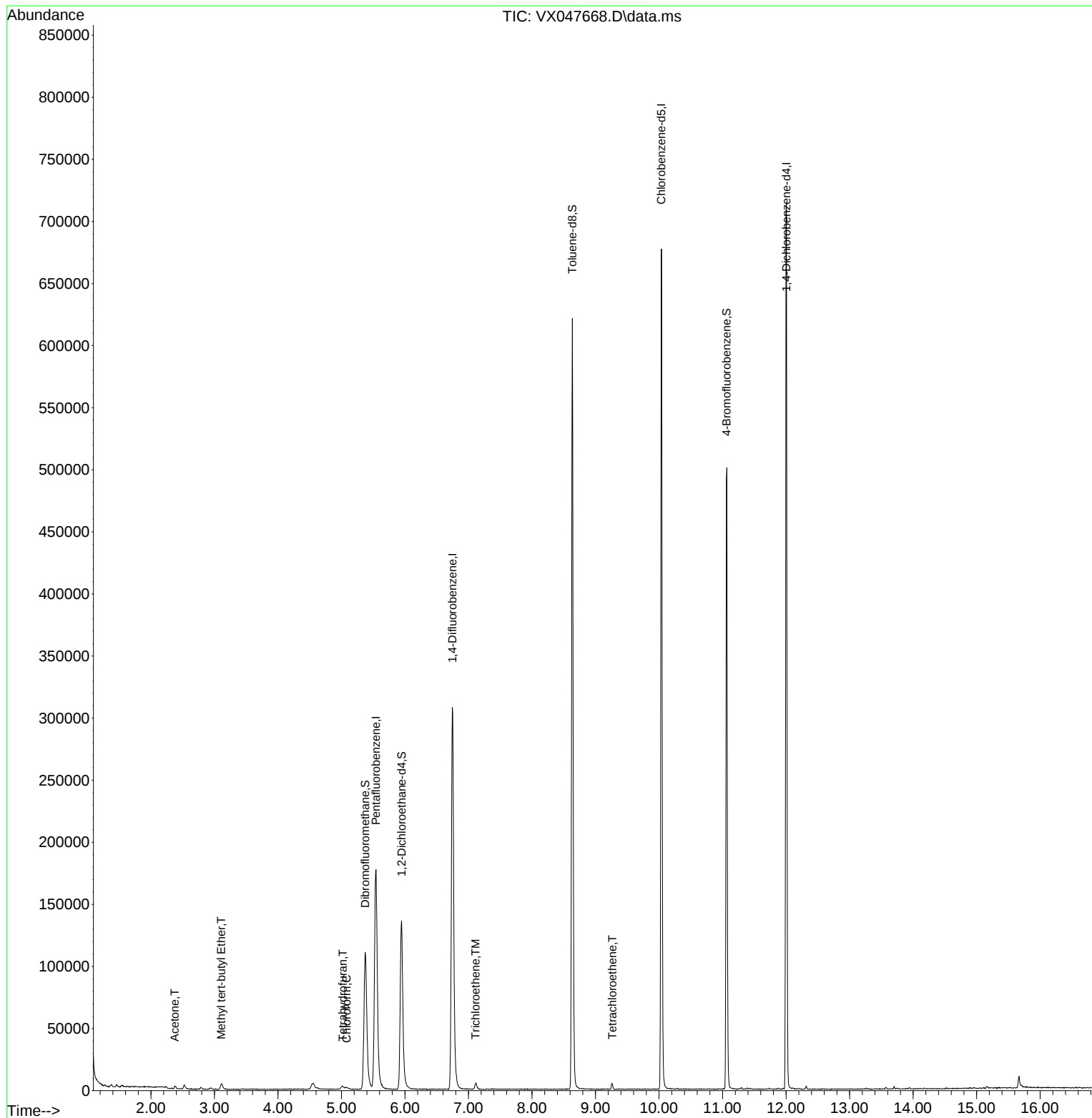
Internal Standards						
1) Pentafluorobenzene	5.544	168	181150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	339462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	307986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147340	51.098	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.200%		
35) Dibromofluoromethane	5.373	113	108296	47.569	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.140%		
50) Toluene-d8	8.635	98	378819	48.088	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.180%		
62) 4-Bromofluorobenzene	11.061	95	145599	48.701	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.400%		
Target Compounds						
						Qvalue
16) Acetone	2.373	43	3172	2.530	ug/l #	88
19) Methyl tert-butyl Ether	3.105	73	5383	0.685	ug/l	95
29) Tetrahydrofuran	5.019	42	2994	3.182	ug/l #	49
30) Chloroform	5.080	83	1711	0.370	ug/l	87
44) Trichloroethene	7.110	130	2187	0.895	ug/l	97
64) Tetrachloroethene	9.262	164	854	0.425	ug/l #	88

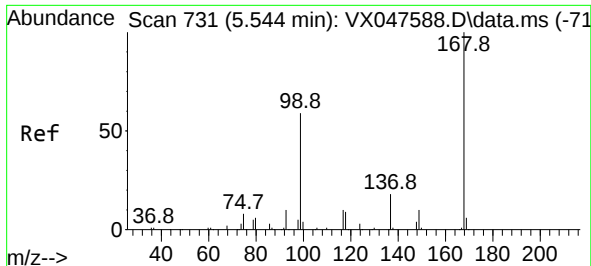
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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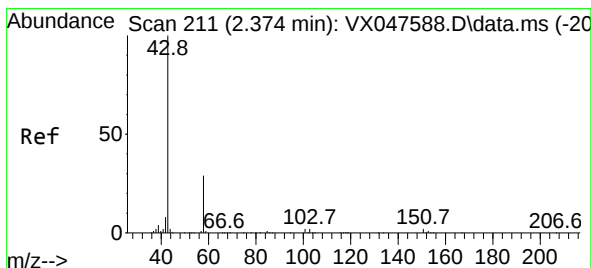
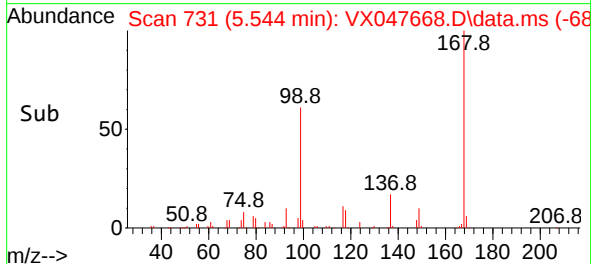
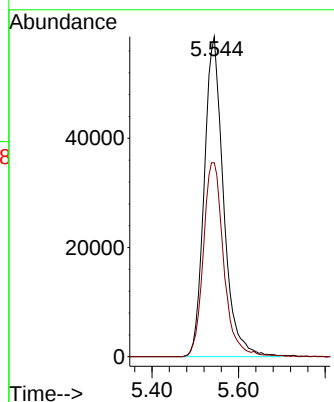
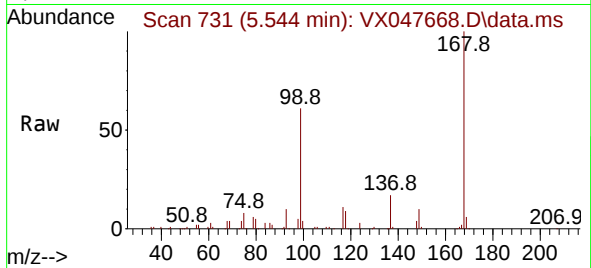




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

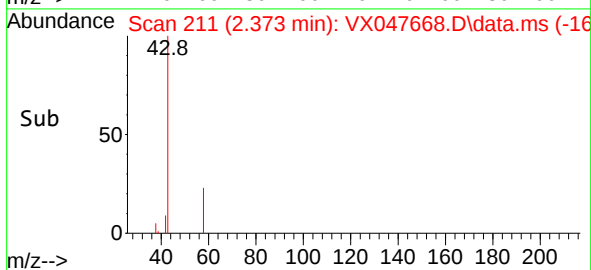
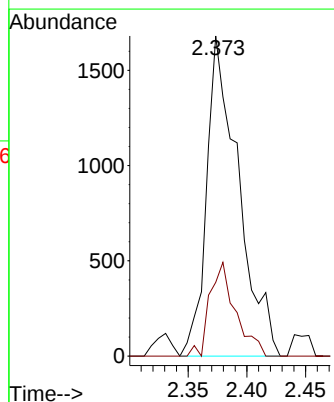
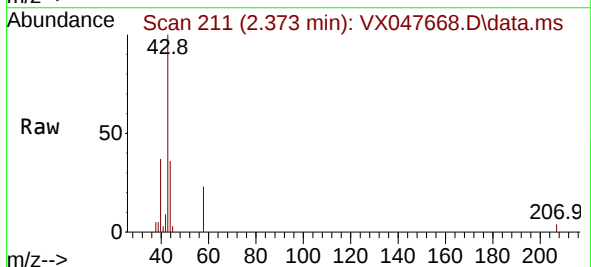
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250910

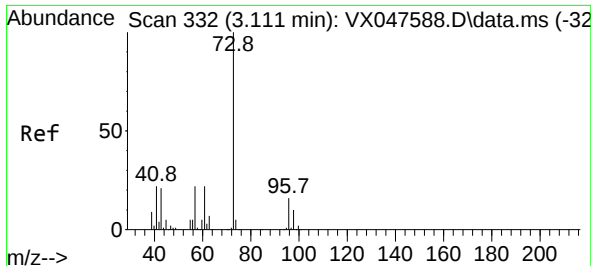
Tgt Ion:168 Resp: 181150
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#16
Acetone
Concen: 2.530 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion: 43 Resp: 3172
Ion Ratio Lower Upper
43 100
58 23.0 23.4 35.0#

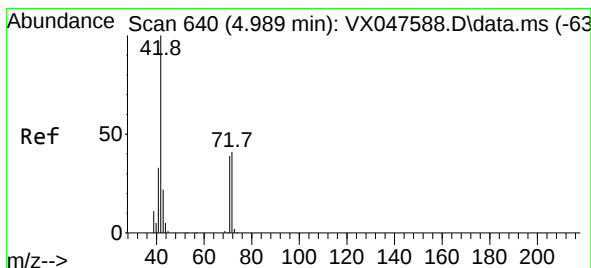
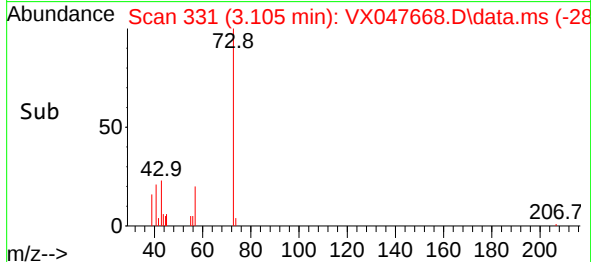
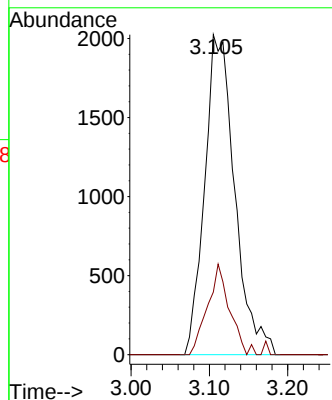
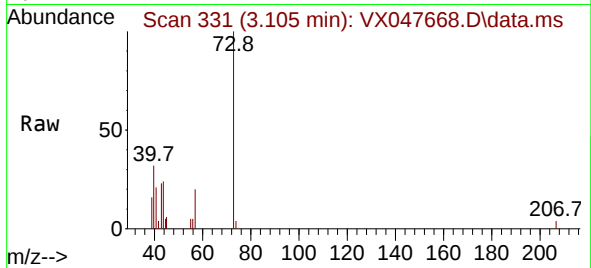




#19
Methyl tert-butyl Ether
Concen: 0.685 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

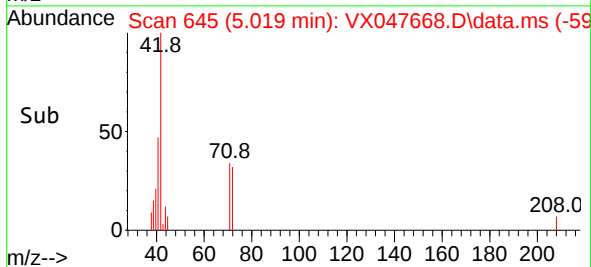
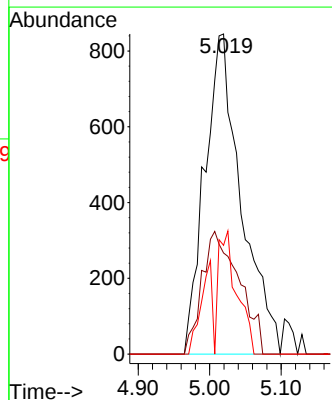
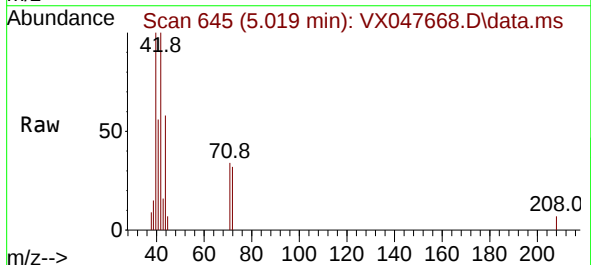
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250910

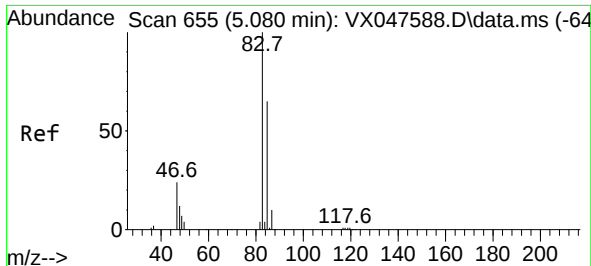
Tgt Ion: 73 Resp: 5383
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.2



#29
Tetrahydrofuran
Concen: 3.182 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.030 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion: 42 Resp: 2994
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 19.4 31.9 47.9#





#30

Chloroform

Concen: 0.370 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX047668.D

Acq: 19 Sep 2025 12:29

Instrument :

MSVOA_X

ClientSampleId :

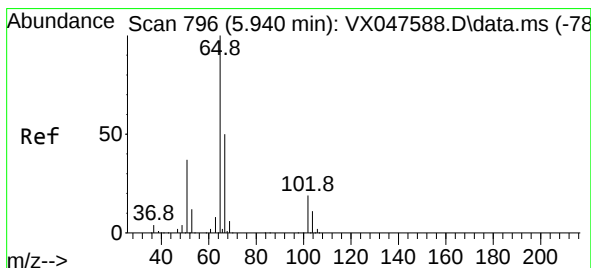
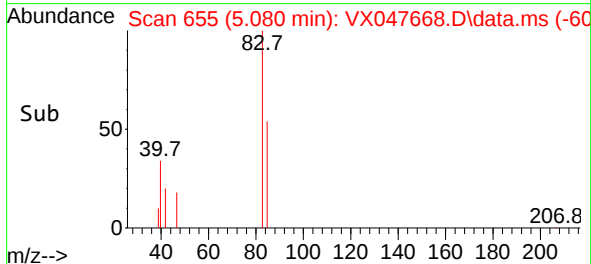
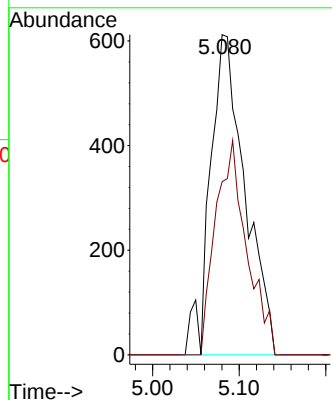
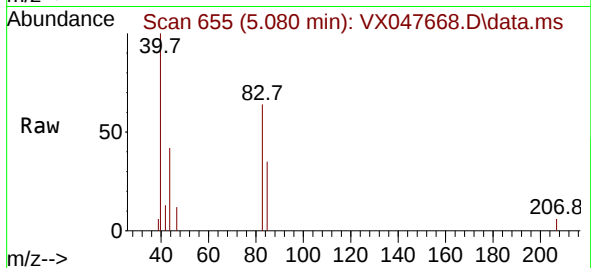
MW178I-20250910

Tgt Ion: 83 Resp: 1711

Ion Ratio Lower Upper

83 100

85 54.1 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.098 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047668.D

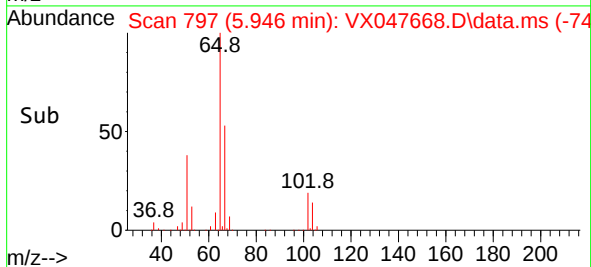
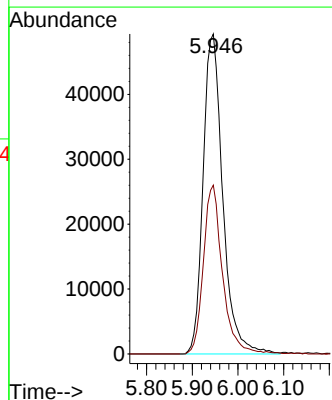
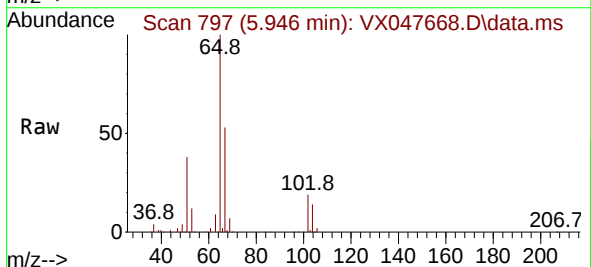
Acq: 19 Sep 2025 12:29

Tgt Ion: 65 Resp: 147340

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0

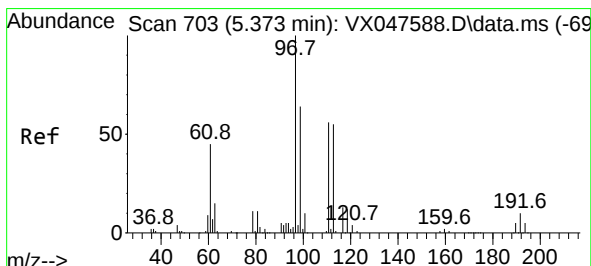
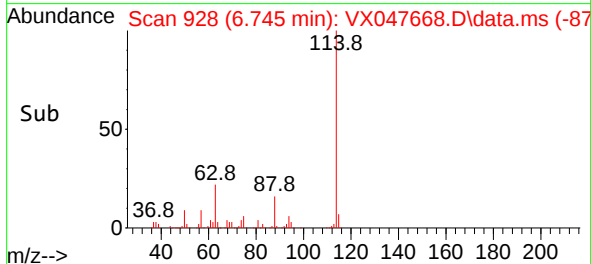
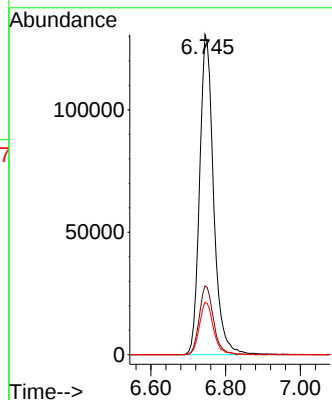
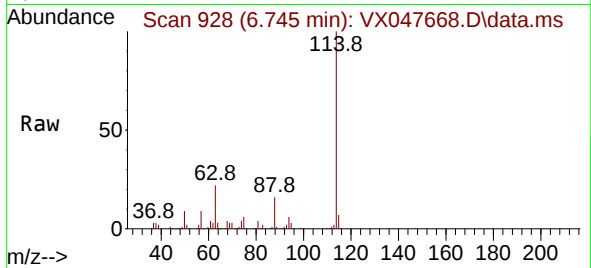




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

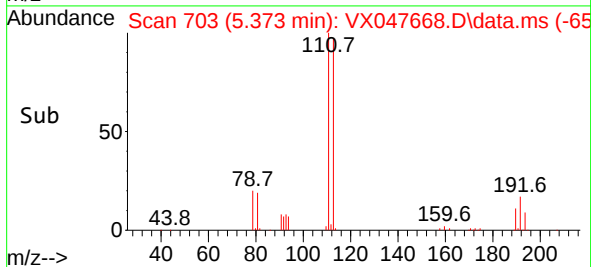
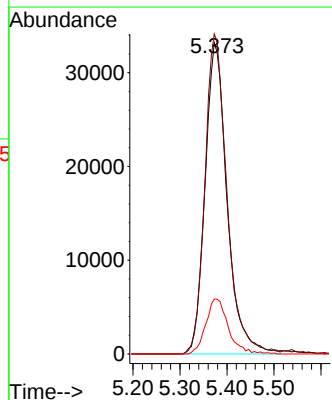
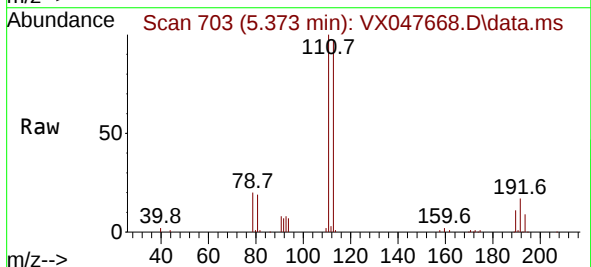
Instrument :
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ClientSampleId :
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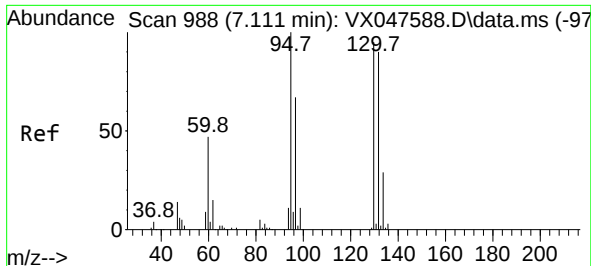
Tgt Ion:114 Resp: 339462
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.569 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion:113 Resp: 108296
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

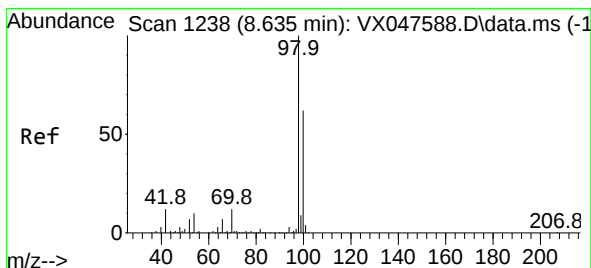
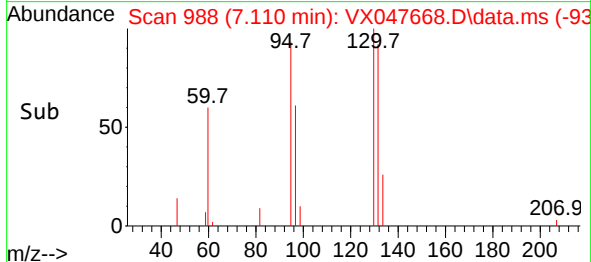
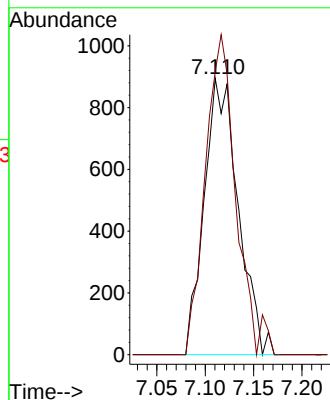
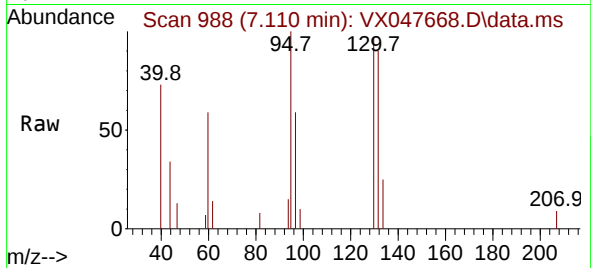




#44
Trichloroethene
Concen: 0.895 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

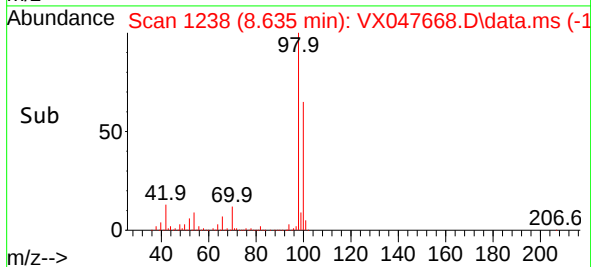
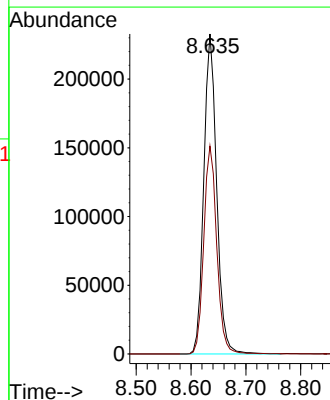
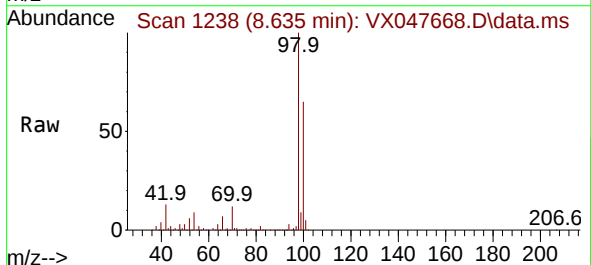
Instrument :
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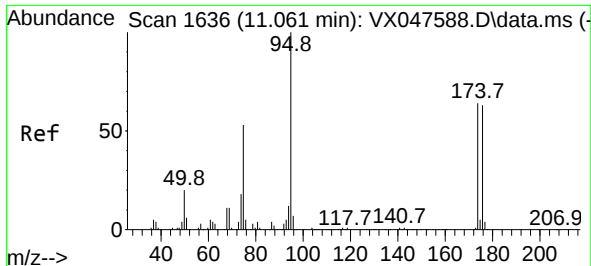
Tgt Ion:130 Resp: 2187
Ion Ratio Lower Upper
130 100
95 102.6 0.0 210.8



#50
Toluene-d8
Concen: 48.088 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion: 98 Resp: 378819
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

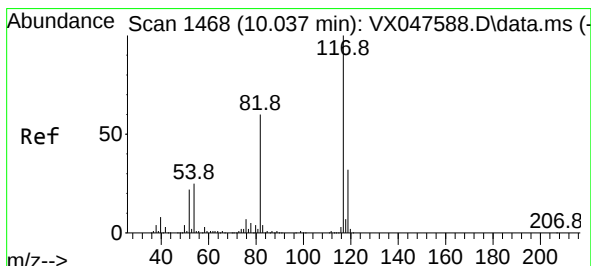
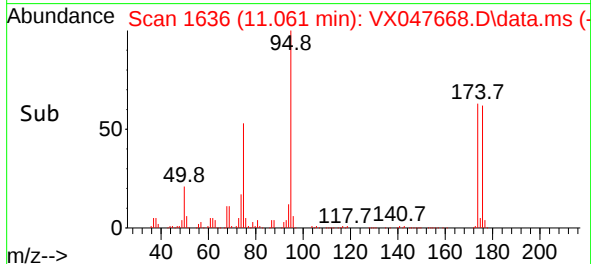
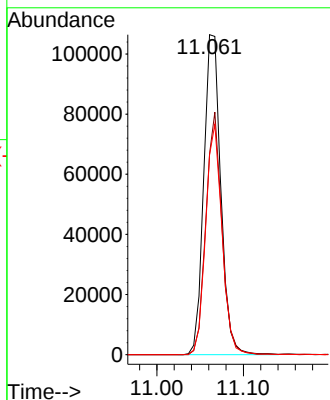
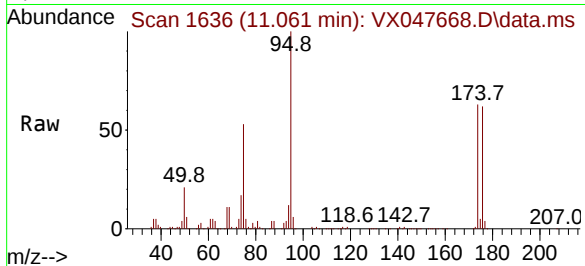




#62
4-Bromofluorobenzene
Concen: 48.701 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

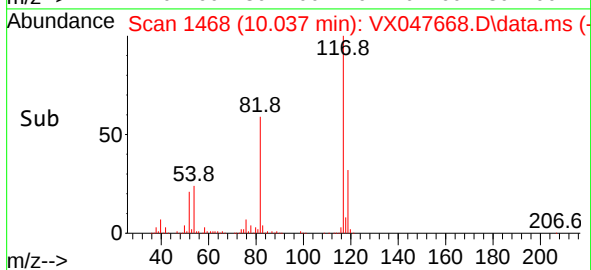
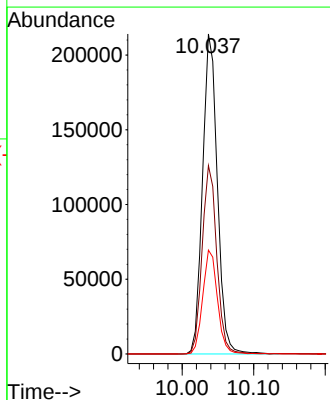
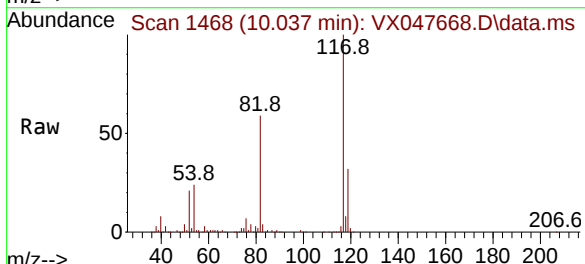
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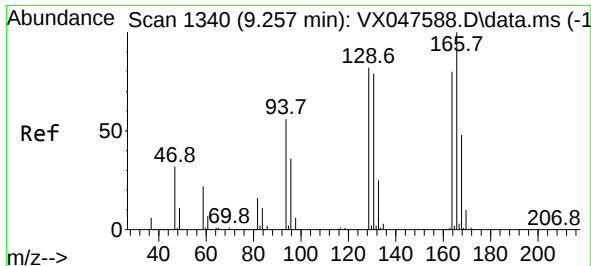
Tgt Ion: 95 Resp: 145599
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion: 117 Resp: 307986
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.4 25.2 37.8

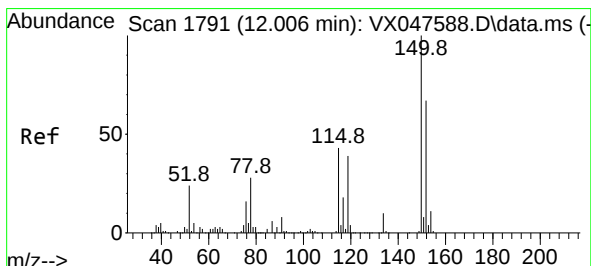
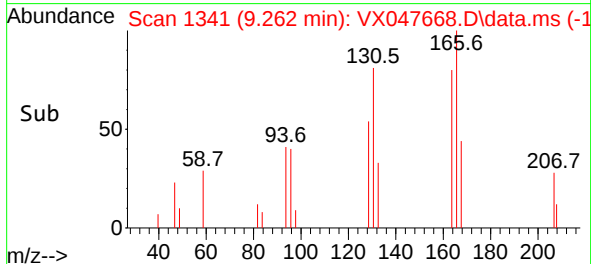
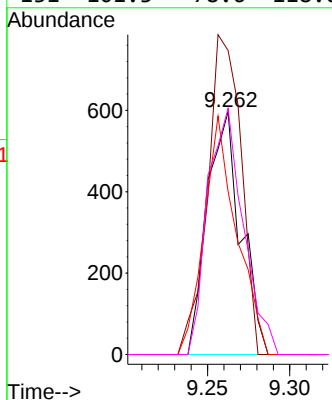
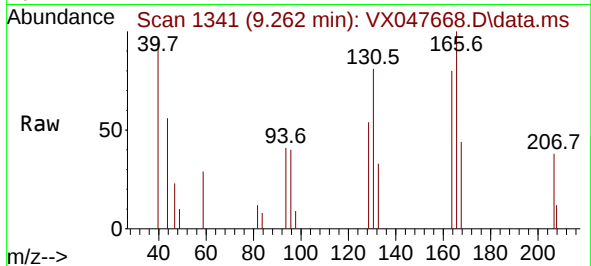




#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047668.D
Acq: 19 Sep 2025 12:29

Instrument :
MSVOA_X
ClientSampleId :
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Tgt	Ion:164	Resp:	854
Ion	Ratio	Lower	Upper
164	100		
166	125.1	100.2	150.2
129	67.0	81.8	122.6#
131	101.3	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: VX047668.D
Acq: 19 Sep 2025 12:29

Tgt Ion:152	Resp:	151965	
Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	156.8	0.0	352.0

