

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048159.D
 Acq On : 14 Oct 2025 12:49
 Operator : JC/MD
 Sample : Q3311-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-227B

Quant Time: Oct 15 02:42:49 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)

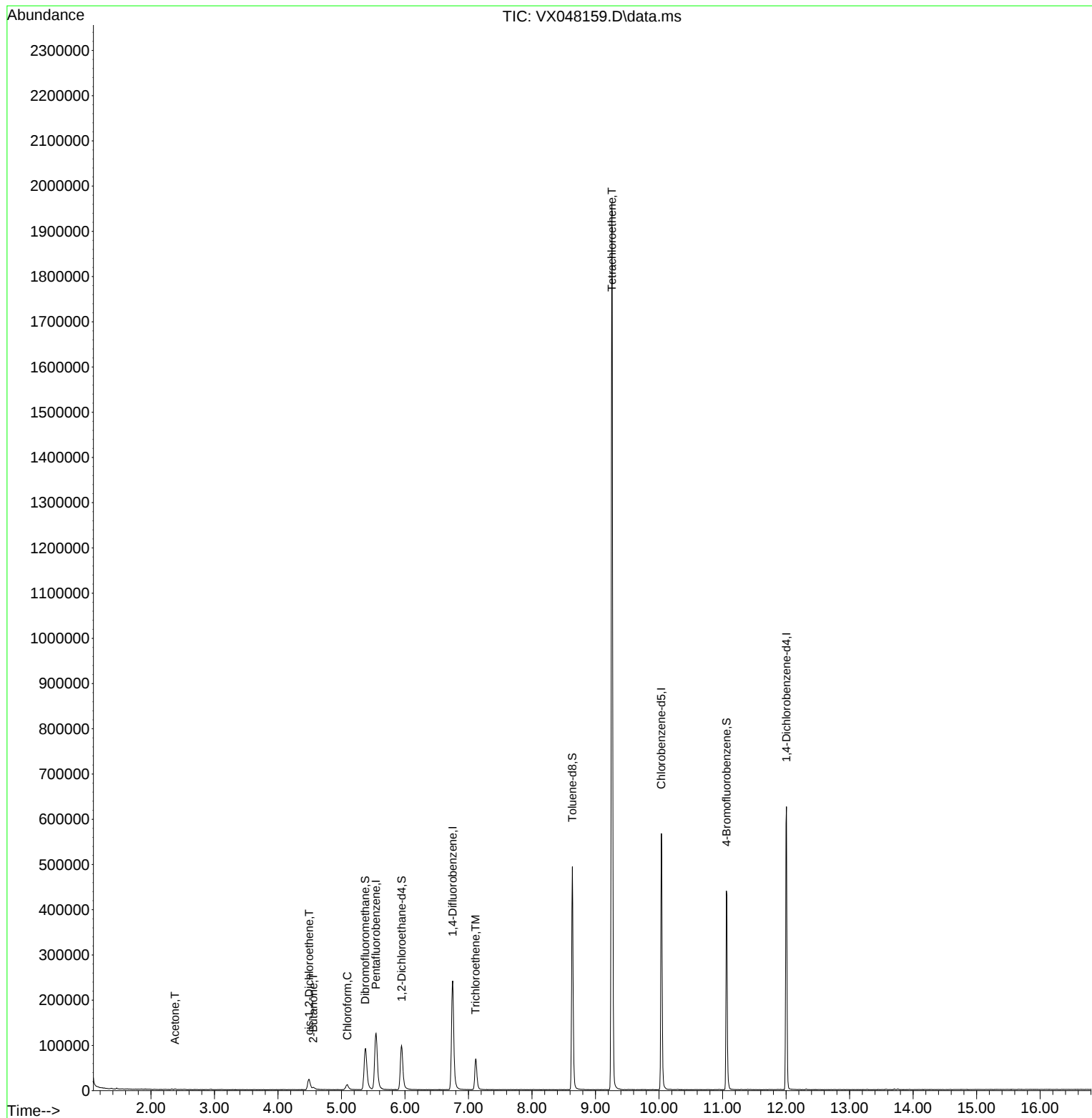
Internal Standards						
1) Pentafluorobenzene	5.544	168	127304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	263250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105919	52.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.540%	
35) Dibromofluoromethane	5.373	113	90563	51.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	8.635	98	291356	47.693	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	11.061	95	126098	54.389	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1754	1.991	ug/l #	78
25) 2-Butanone	4.556	43	9203	8.374	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	17007	8.528	ug/l	86
30) Chloroform	5.093	83	14541	4.476	ug/l	95
44) Trichloroethene	7.111	130	29470	15.557	ug/l	91
64) Tetrachloroethene	9.256	164	364388	211.442	ug/l	98

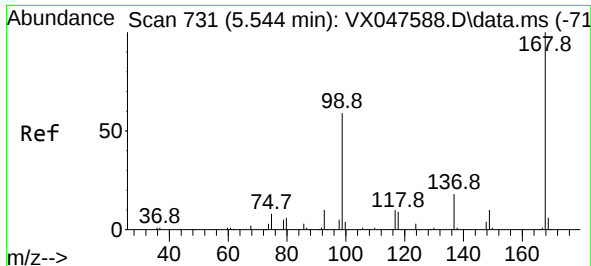
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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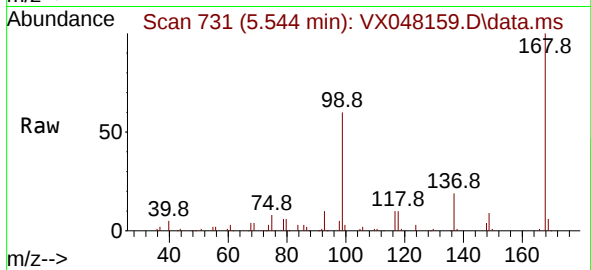
Quant Time: Oct 15 02:42:49 2025
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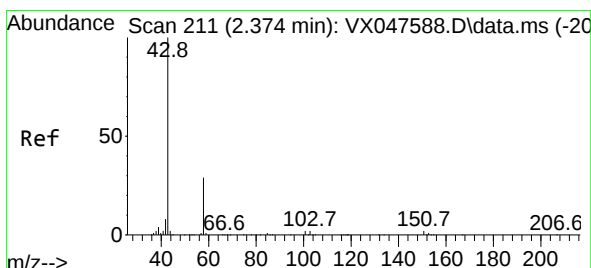
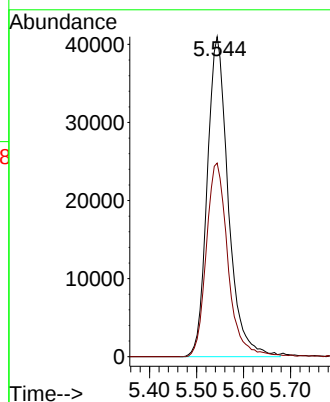
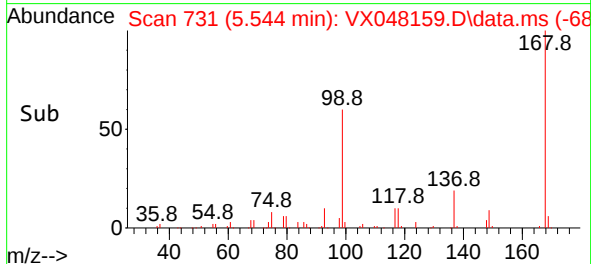


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

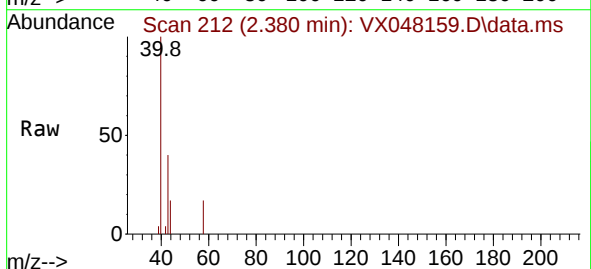
Instrument :
MSVOA_X
ClientSampleId :
MW-227B



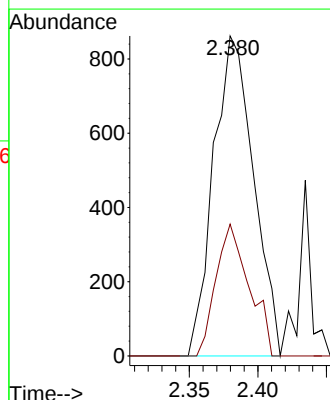
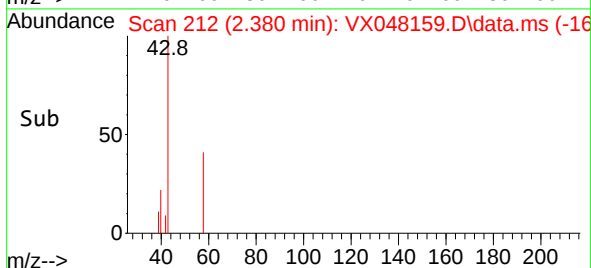
Tgt Ion:168 Resp: 127304
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2

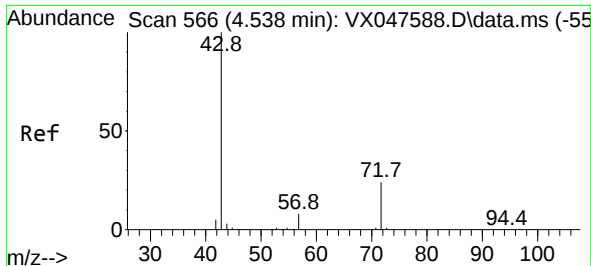


#16
Acetone
Concen: 1.991 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49



Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 41.2 23.4 35.0#

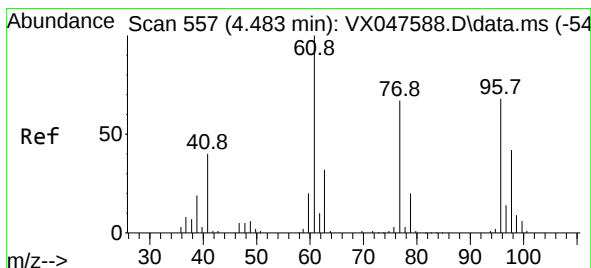
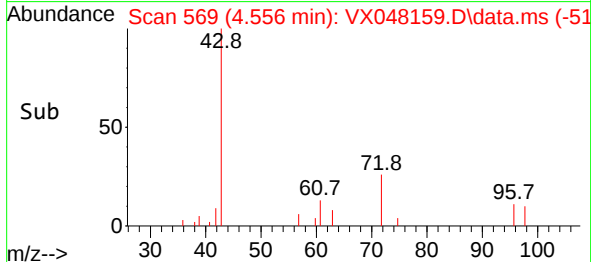
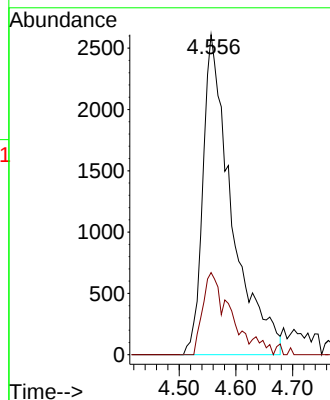
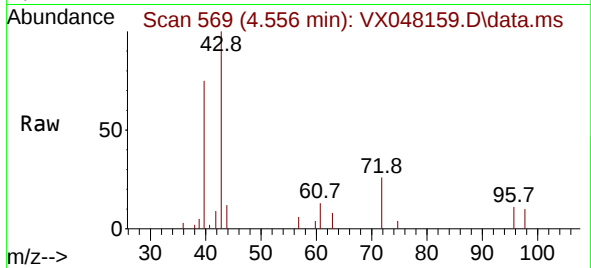




#25
2-Butanone
Concen: 8.374 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.018 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

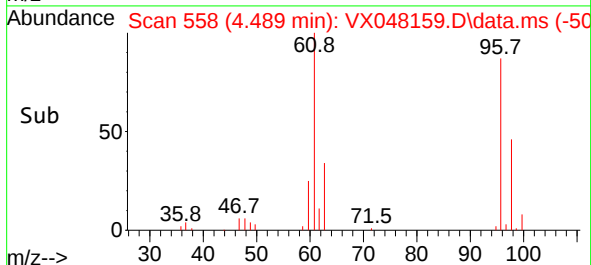
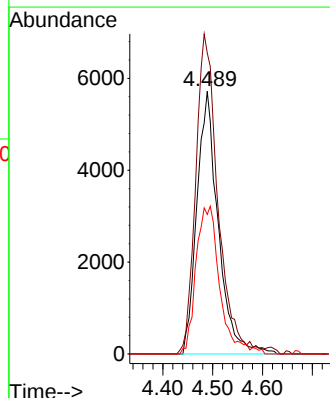
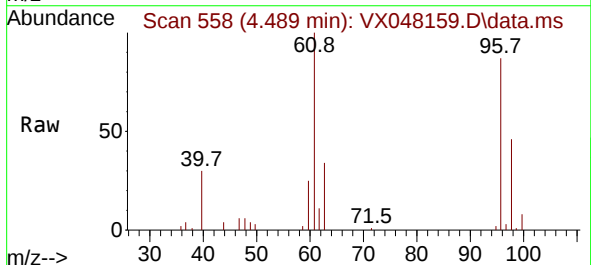
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

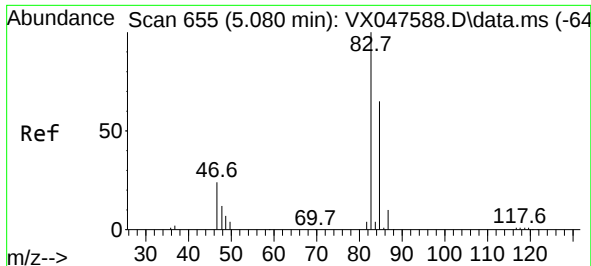
Tgt Ion: 43 Resp: 9203
Ion Ratio Lower Upper
43 100
72 28.4 20.1 30.1



#27
cis-1,2-Dichloroethene
Concen: 8.528 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 96 Resp: 17007
Ion Ratio Lower Upper
96 100
61 126.8 0.0 303.2
98 62.3 0.0 127.8





#30

Chloroform

Concen: 4.476 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX048159.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

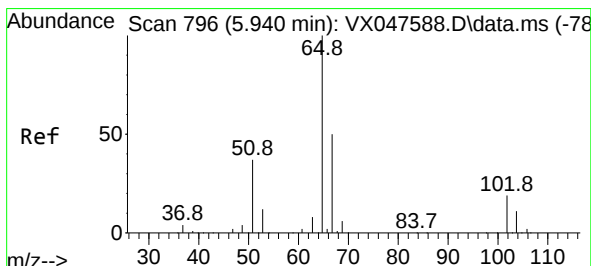
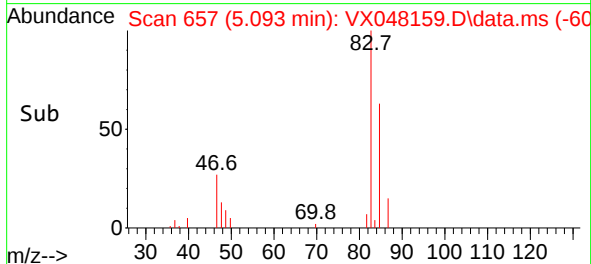
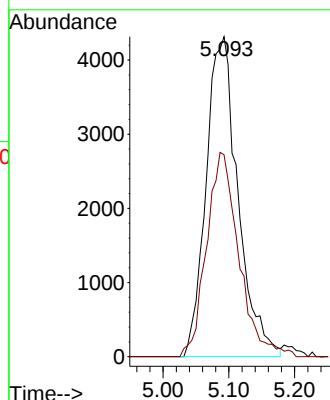
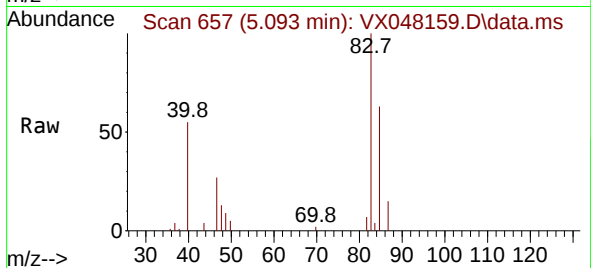
MW-227B

Tgt Ion: 83 Resp: 14541

Ion Ratio Lower Upper

83 100

85 60.9 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 52.271 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048159.D

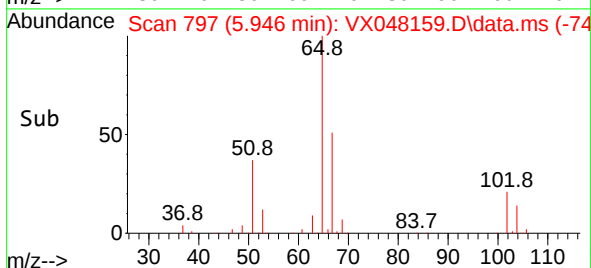
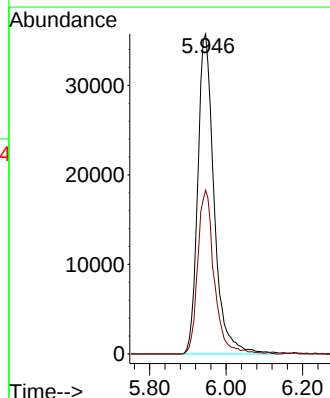
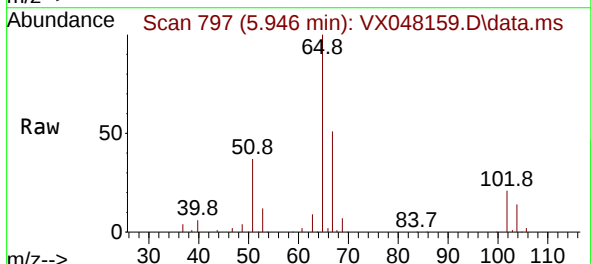
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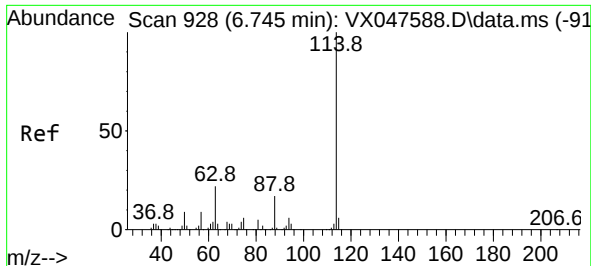
Tgt Ion: 65 Resp: 105919

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0

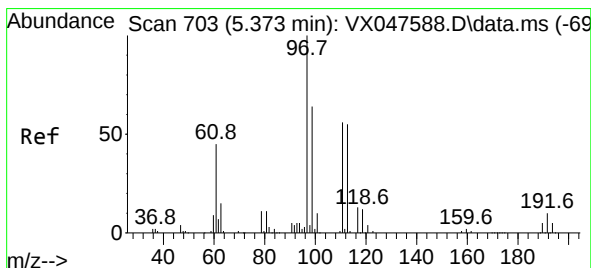
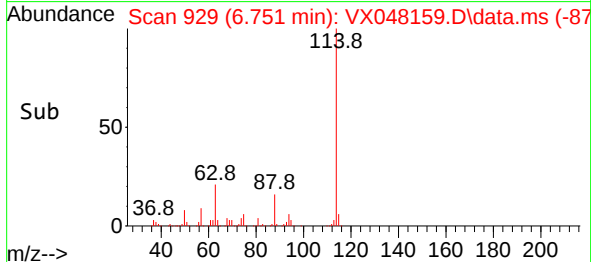
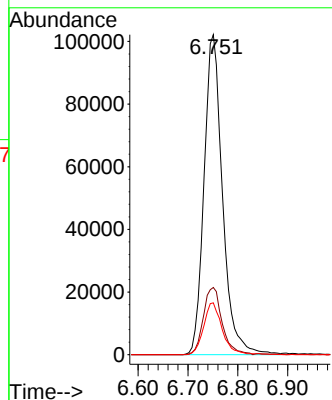
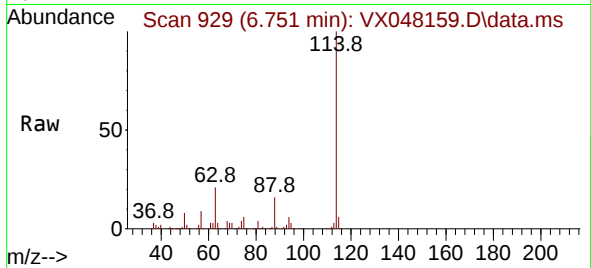




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

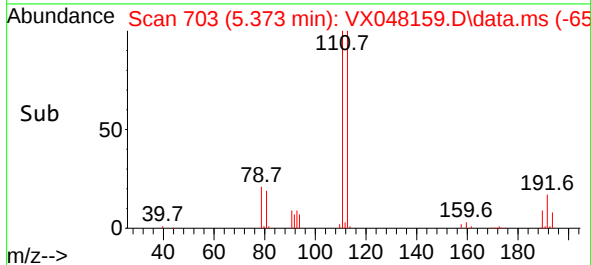
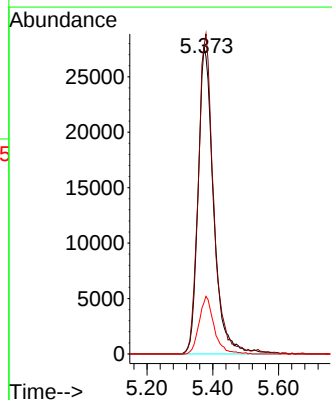
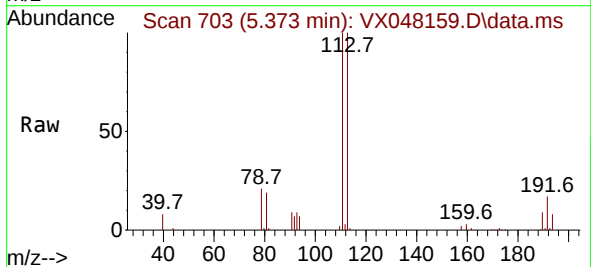
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

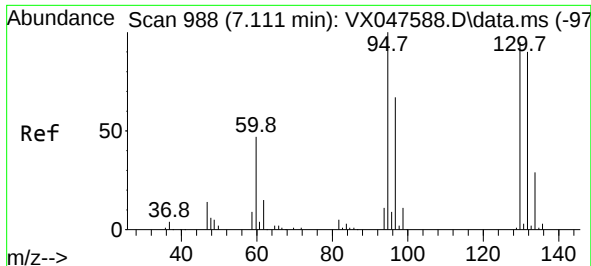
Tgt Ion:114 Resp: 263250
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.296 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion:113 Resp: 90563
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

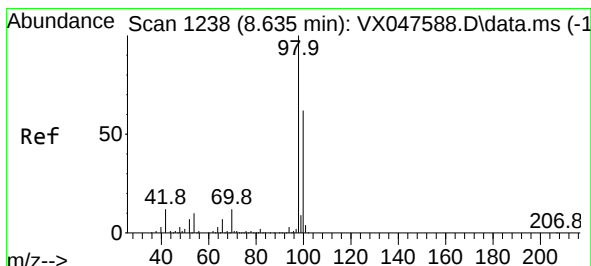
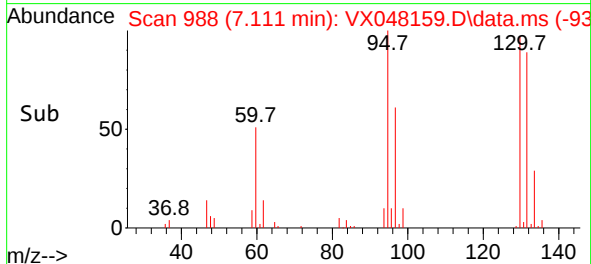
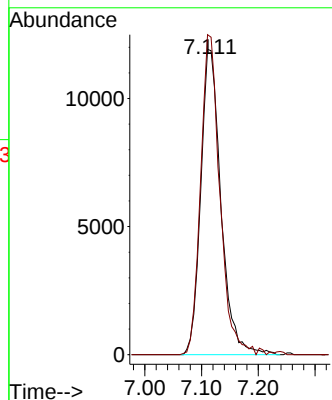
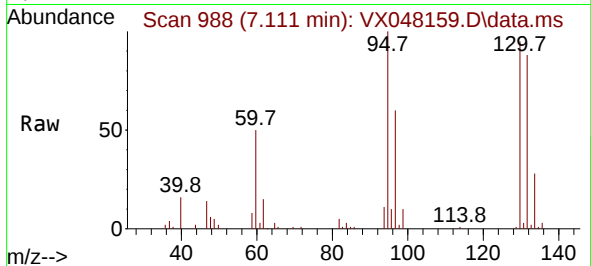




#44
Trichloroethene
Concen: 15.557 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

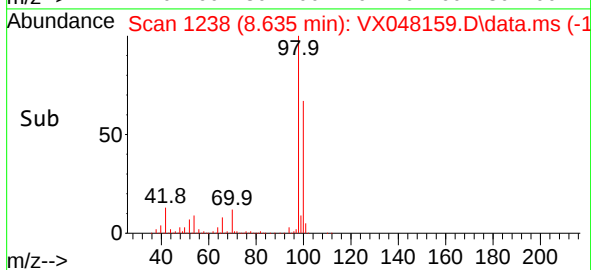
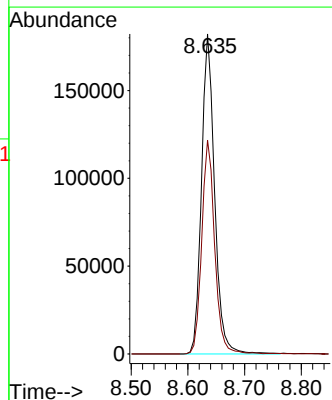
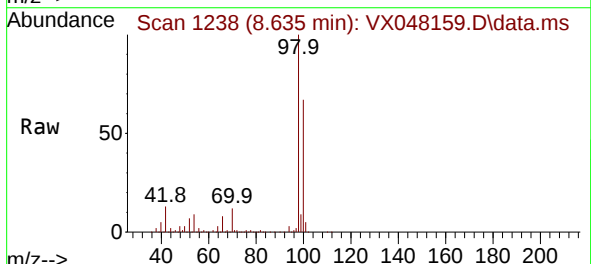
Instrument :
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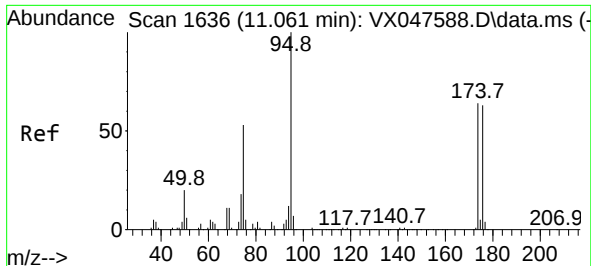
Tgt Ion:130 Resp: 29470
Ion Ratio Lower Upper
130 100
95 115.1 0.0 210.8



#50
Toluene-d8
Concen: 47.693 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 98 Resp: 291356
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

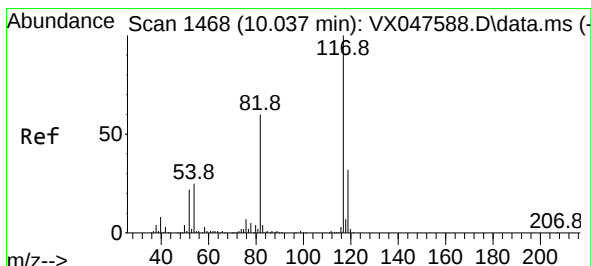
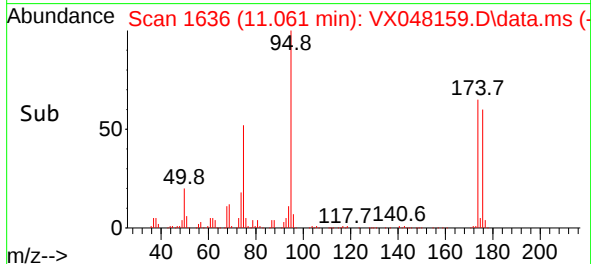
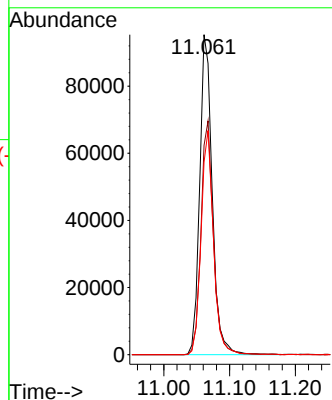
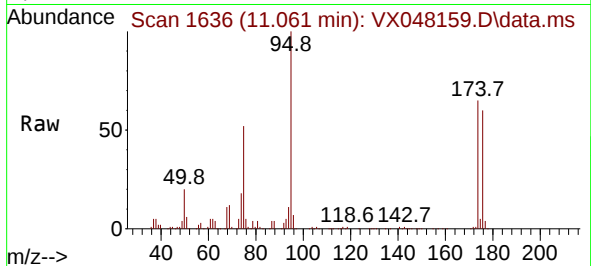




#62
4-Bromofluorobenzene
Concen: 54.389 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

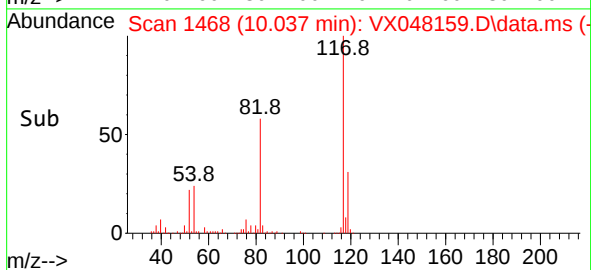
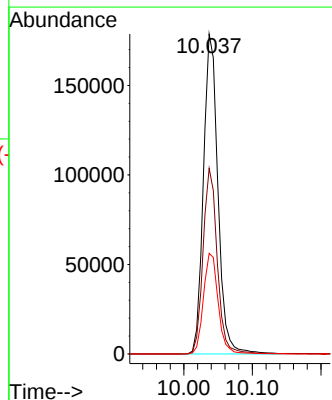
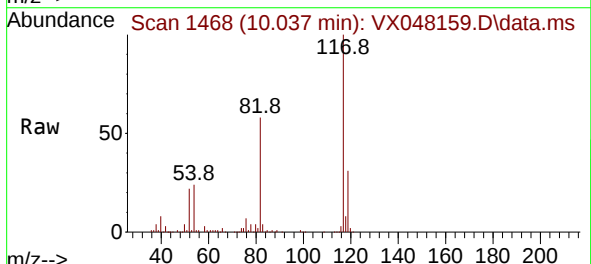
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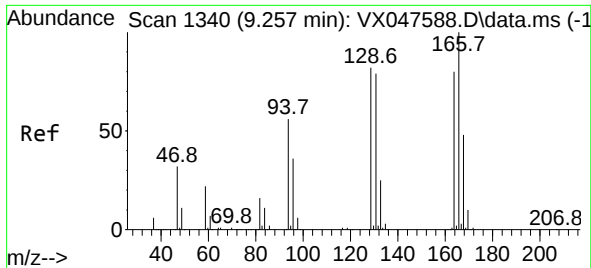
Tgt Ion: 95 Resp: 126098
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 117 Resp: 264360
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 31.5 25.2 37.8

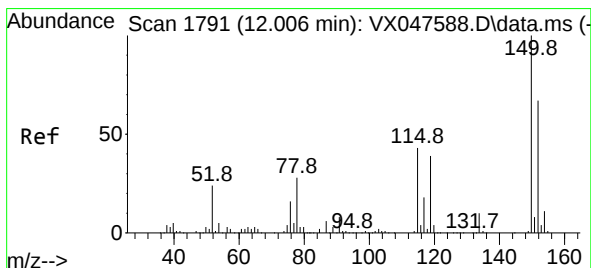
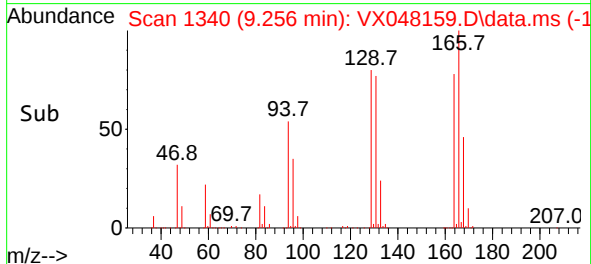
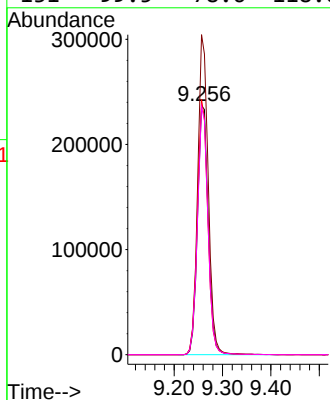
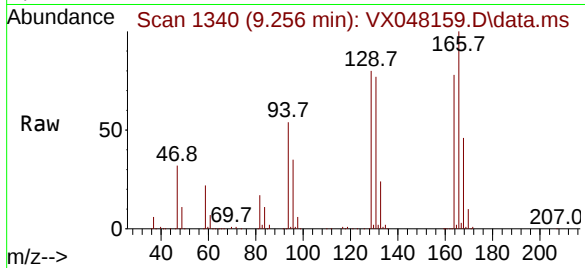




#64
Tetrachloroethene
Concen: 211.442 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 364388
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 102.4 81.8 122.6
131 99.5 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: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion:152 Resp: 131679
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 157.2 0.0 352.0

