

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047649.D
 Acq On : 18 Sep 2025 18:08
 Operator : JC/MD
 Sample : Q3095-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20250910

Quant Time: Sep 19 01:35:05 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)

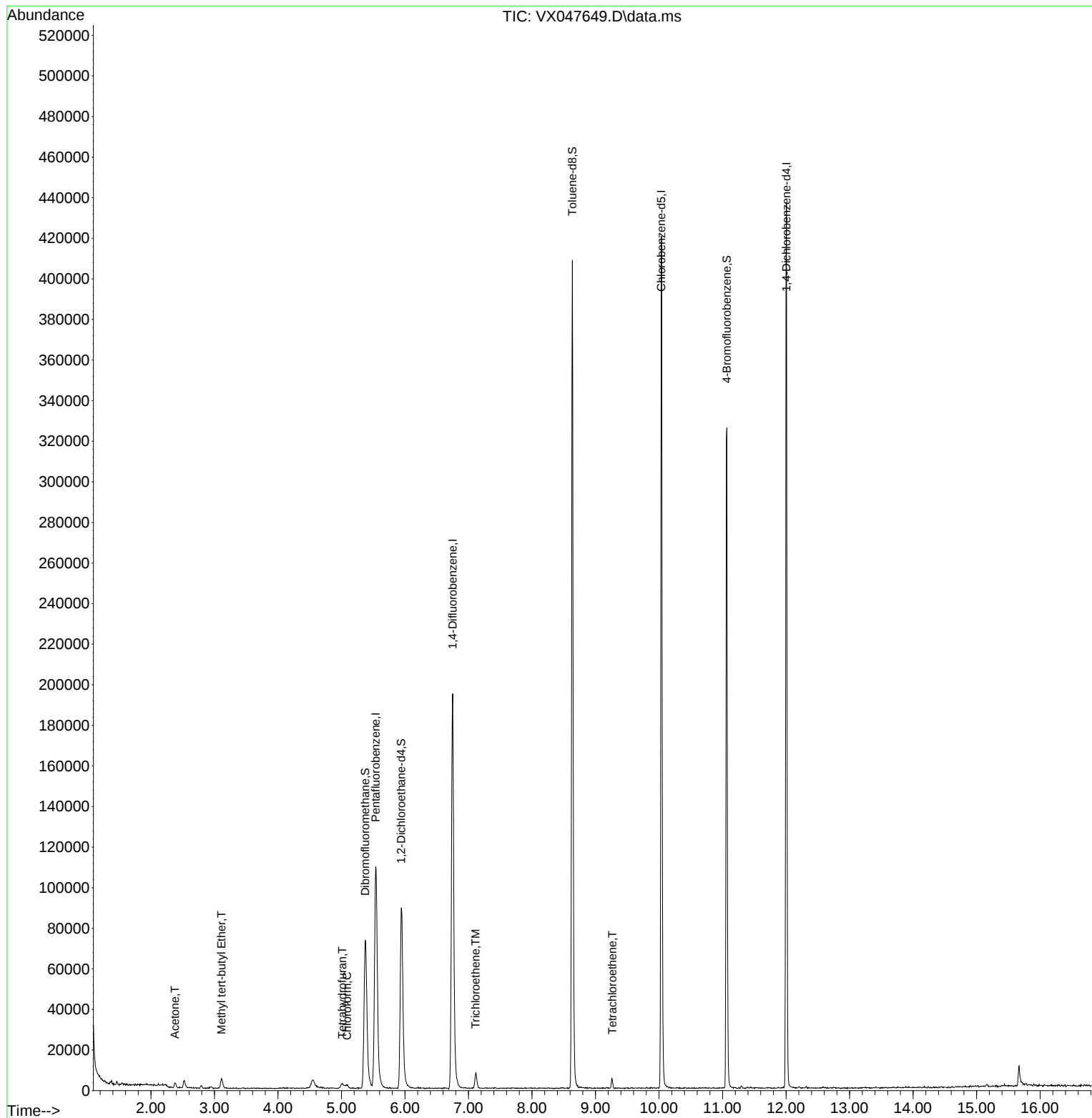
Internal Standards						
1) Pentafluorobenzene	5.538	168	110217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	190251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	91199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99338	56.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.240%	
35) Dibromofluoromethane	5.373	113	72961	51.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	8.635	98	248250	50.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.067	95	96032	51.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3230	4.234	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	5465	1.143	ug/l	100
29) Tetrahydrofuran	5.013	42	2712	4.738	ug/l #	73
30) Chloroform	5.086	83	1794	0.638	ug/l	90
44) Trichloroethene	7.110	130	3476	2.292	ug/l	98
64) Tetrachloroethene	9.263	164	898	0.724	ug/l	87

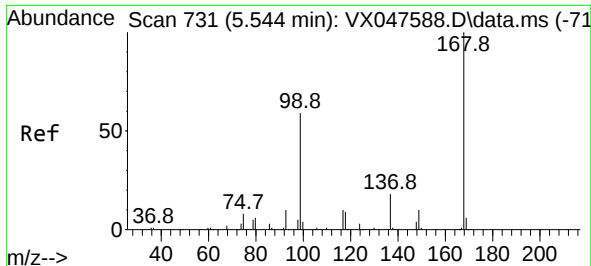
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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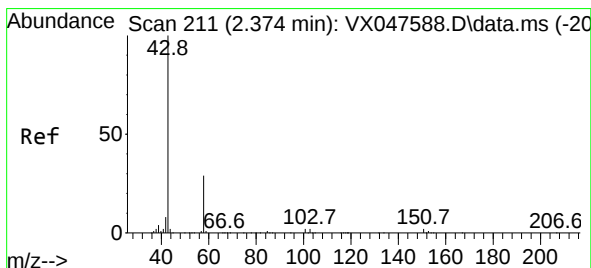
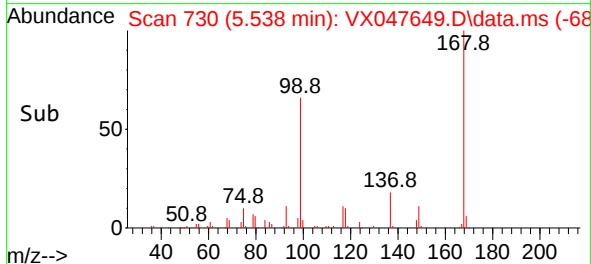
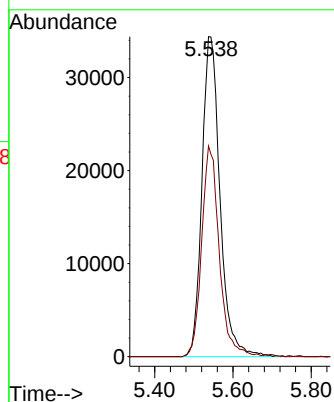
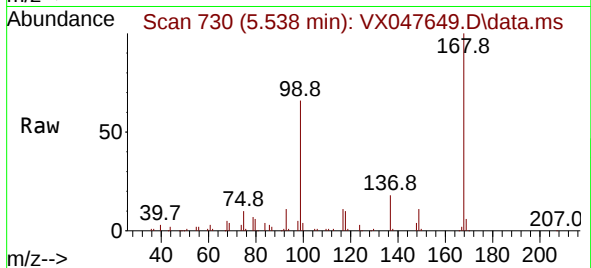




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

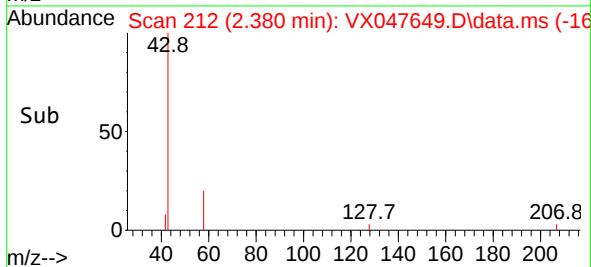
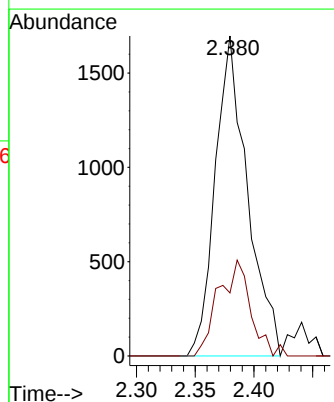
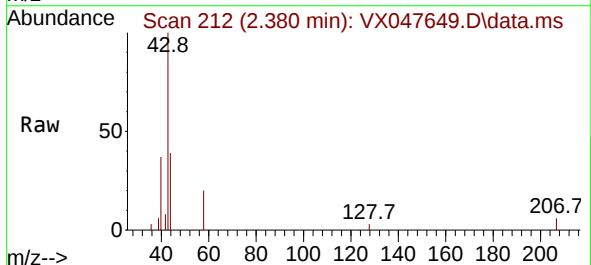
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250910

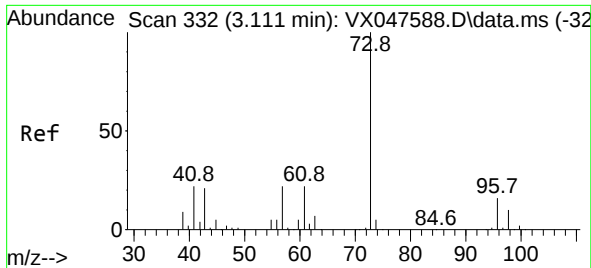
Tgt Ion:168 Resp: 110217
Ion Ratio Lower Upper
168 100
99 65.9 48.8 73.2



#16
Acetone
Concen: 4.234 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
58 19.7 23.4 35.0#

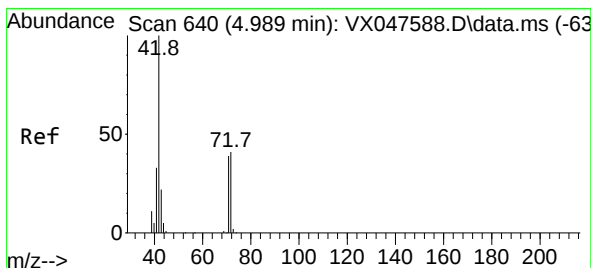
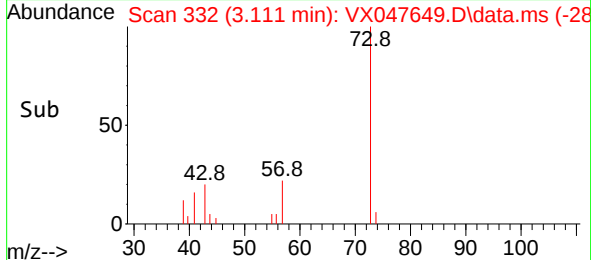
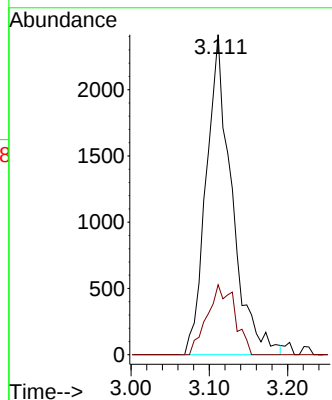
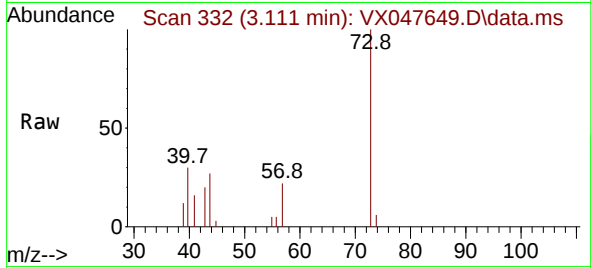




#19
Methyl tert-butyl Ether
Concen: 1.143 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

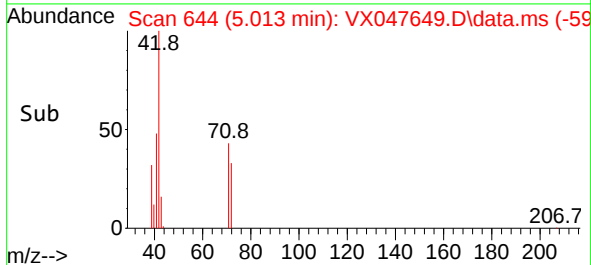
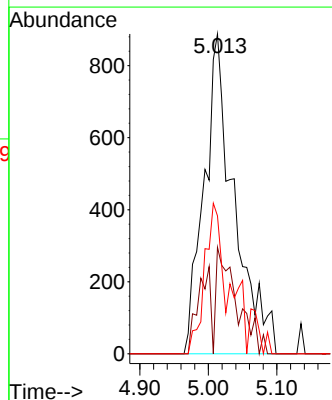
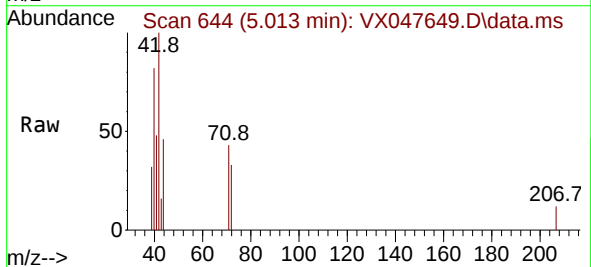
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250910

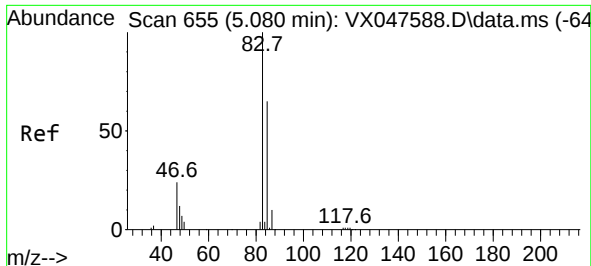
Tgt Ion: 73 Resp: 5465
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#29
Tetrahydrofuran
Concen: 4.738 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.024 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion: 42 Resp: 2712
Ion Ratio Lower Upper
42 100
72 22.9 34.2 51.2#
71 26.5 31.9 47.9#





#30

Chloroform

Concen: 0.638 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX047649.D

Acq: 18 Sep 2025 18:08

Instrument :

MSVOA_X

ClientSampleId :

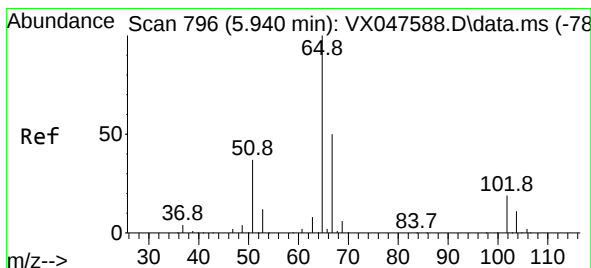
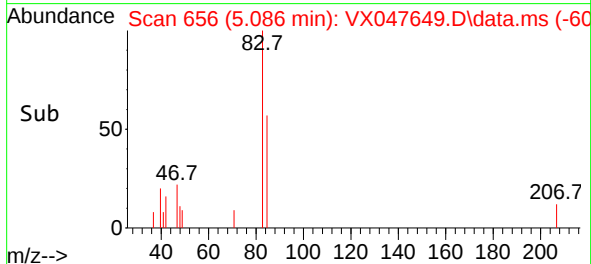
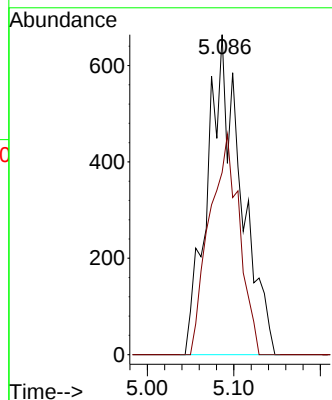
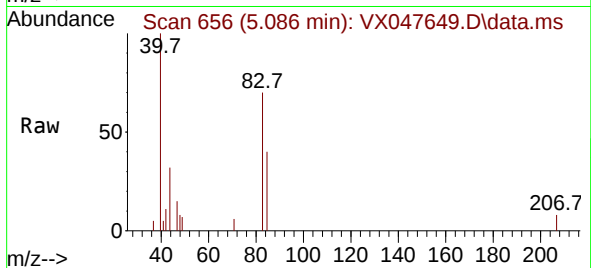
MW178I-20250910

Tgt Ion: 83 Resp: 1794

Ion Ratio Lower Upper

83 100

85 56.9 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 56.623 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047649.D

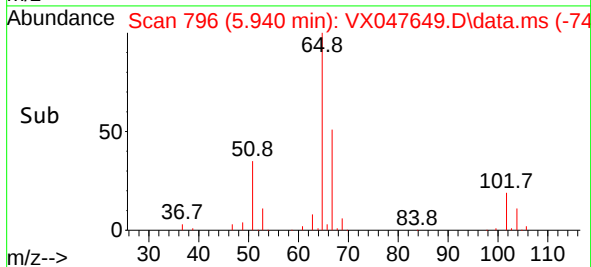
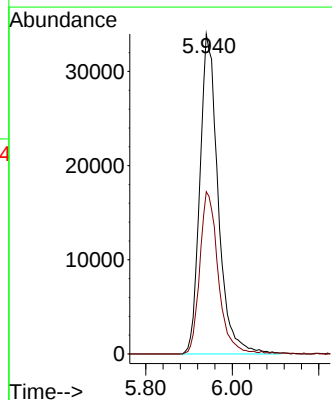
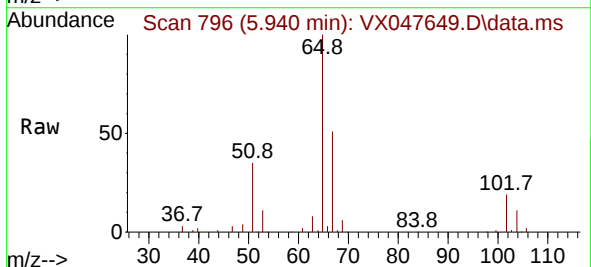
Acq: 18 Sep 2025 18:08

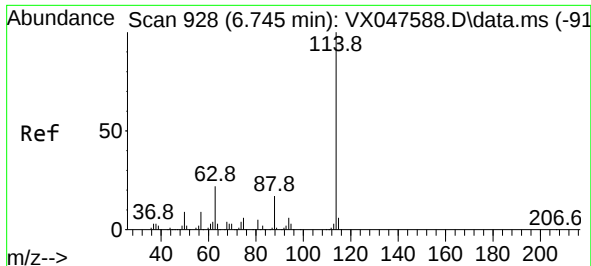
Tgt Ion: 65 Resp: 99338

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

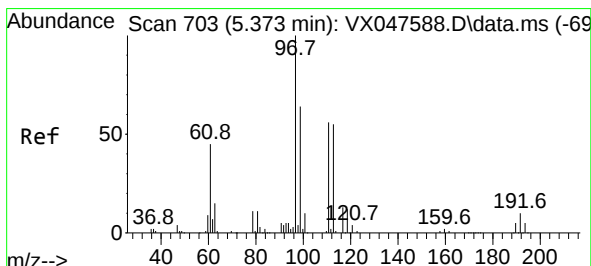
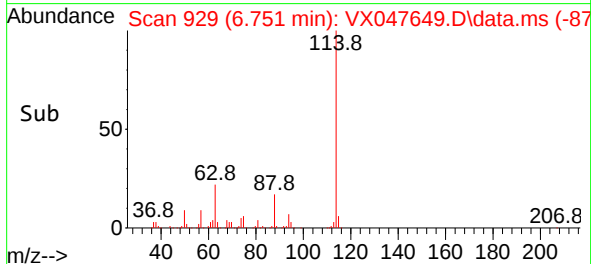
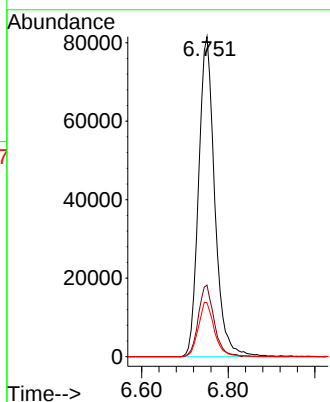
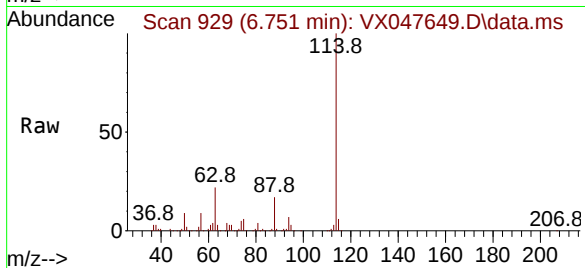




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

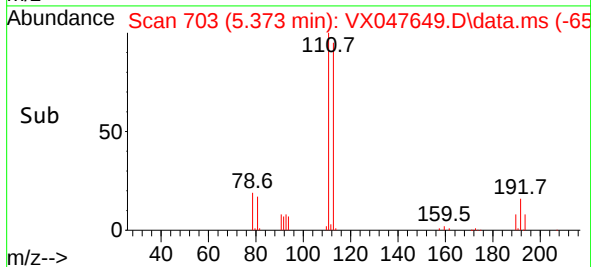
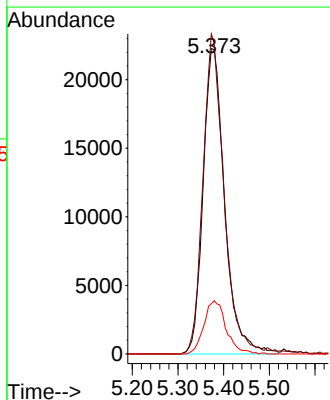
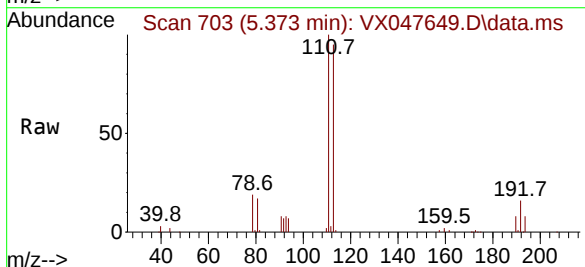
Instrument :
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ClientSampleId :
MW178I-20250910

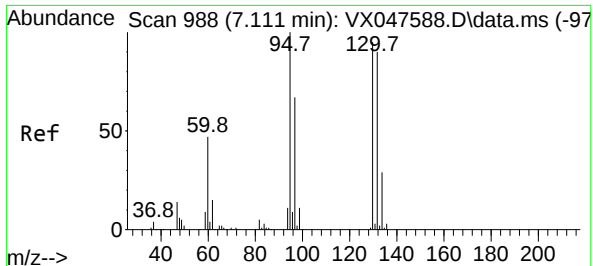
Tgt Ion:114 Resp: 210734
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.625 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion:113 Resp: 72961
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.9 14.2 21.4

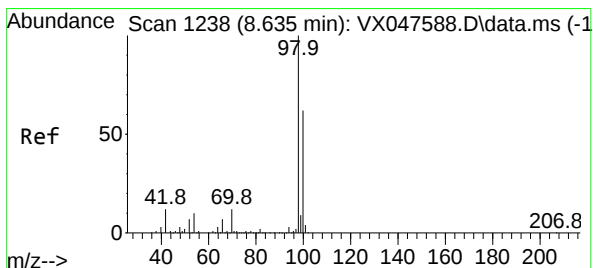
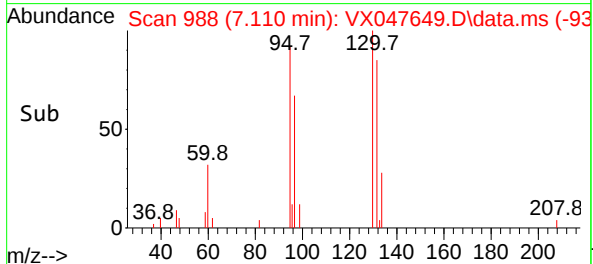
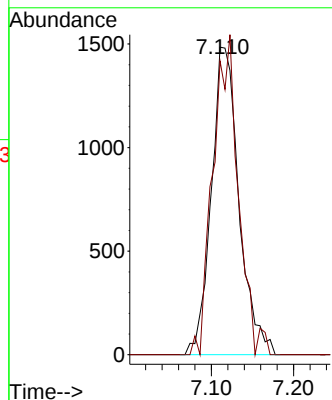
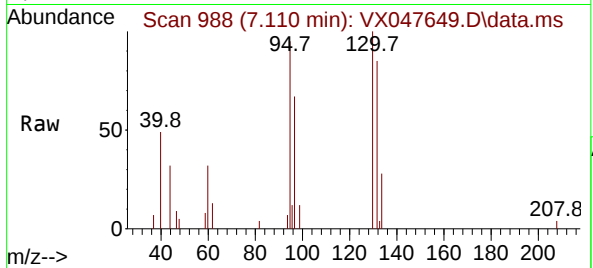




#44
Trichloroethene
Concen: 2.292 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

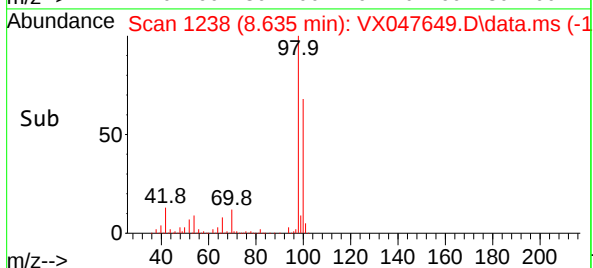
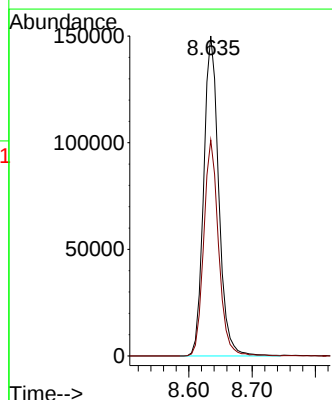
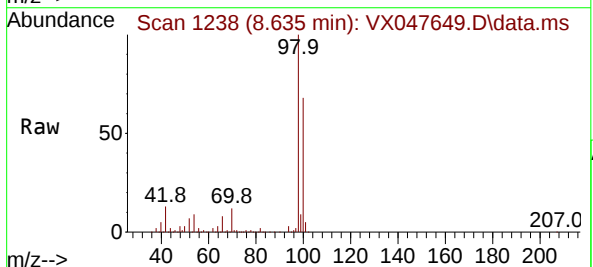
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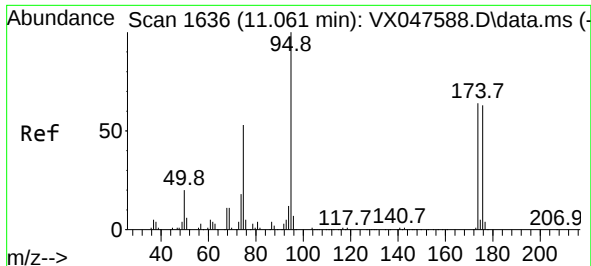
Tgt Ion:130 Resp: 3476
Ion Ratio Lower Upper
130 100
95 107.1 0.0 210.8



#50
Toluene-d8
Concen: 50.764 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion: 98 Resp: 248250
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

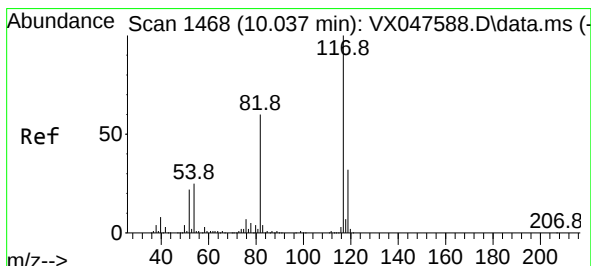
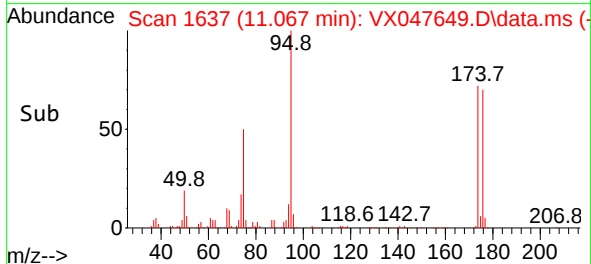
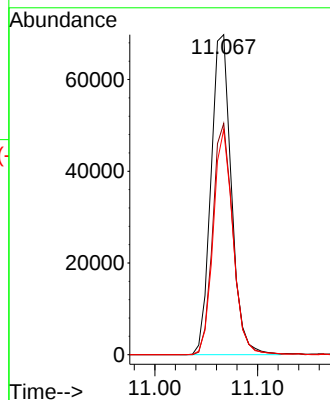
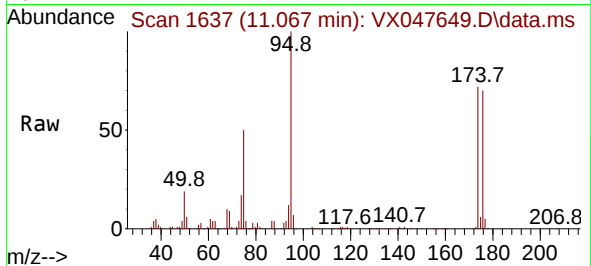




#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

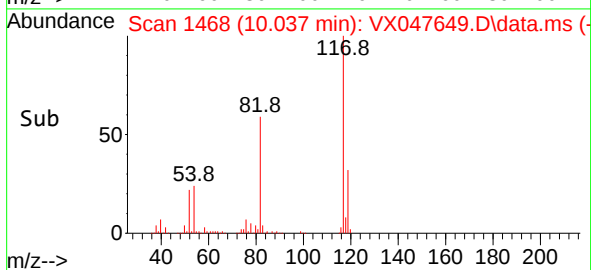
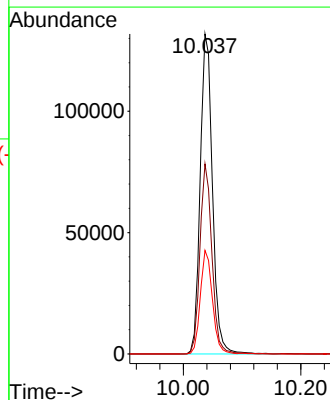
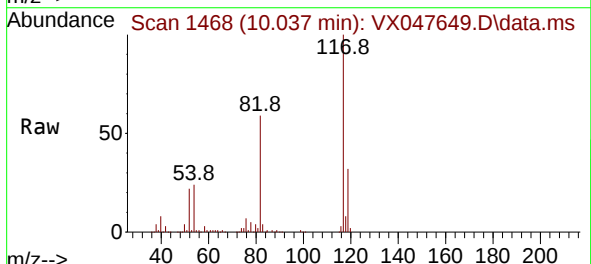
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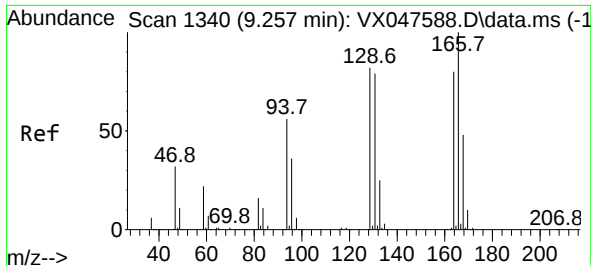
Tgt Ion: 95 Resp: 96032
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 68.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion: 117 Resp: 190251
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.6
119 32.3 25.2 37.8

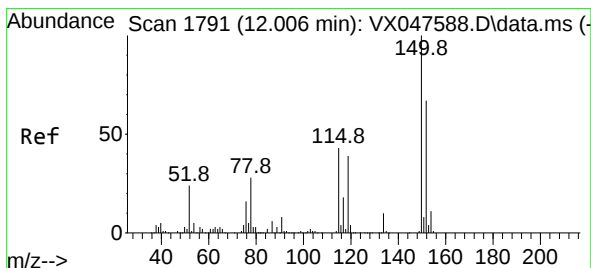
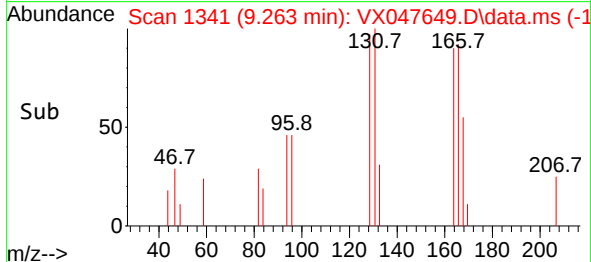
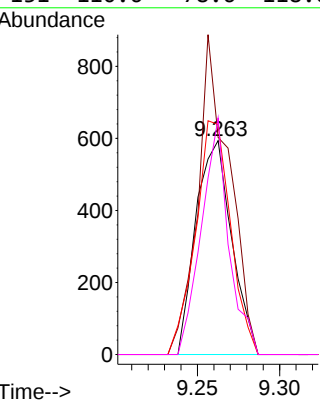
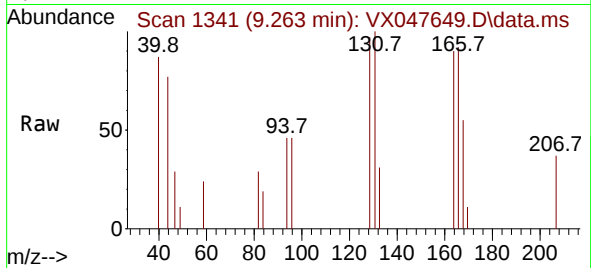




#64
Tetrachloroethene
Concen: 0.724 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047649.D
Acq: 18 Sep 2025 18:08

Instrument :
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Tgt Ion:164	Resp:	898
Ion	Ratio	Lower Upper
164	100	
166	101.5	100.2 150.2
129	107.6	81.8 122.6
131	110.6	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: VX047649.D
Acq: 18 Sep 2025 18:08

Tgt Ion:152	Resp:	91199
Ion	Ratio	Lower Upper
152	100	
115	63.1	44.9 134.5
150	157.1	0.0 352.0

