

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047117.D
 Acq On : 24 Jul 2025 14:08
 Operator : JC/MD
 Sample : Q2481-12 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AL

Quant Time: Jul 25 01:23:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

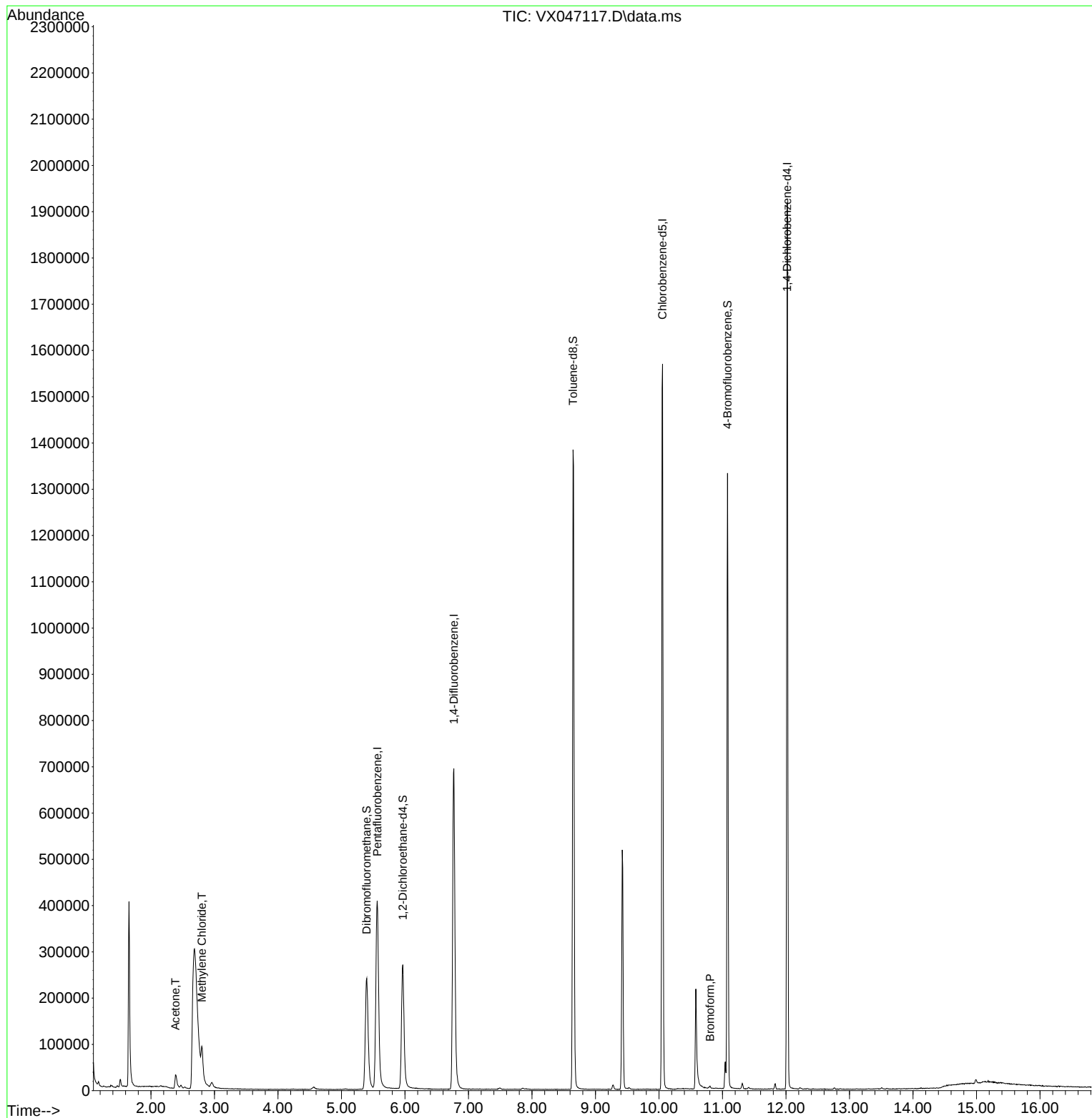
Internal Standards						
1) Pentafluorobenzene	5.562	168	405182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	744375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	710158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	363979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	285791	56.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.240%	
35) Dibromofluoromethane	5.398	113	231882	50.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.647	98	841647	56.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.100%#	
62) 4-Bromofluorobenzene	11.079	95	353285	55.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.160%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	46893	23.192	ug/l	98
20) Methylene Chloride	2.800	84	27228	4.895	ug/l	97
71) Bromoform	10.805	173	1682	0.395	ug/l #	96

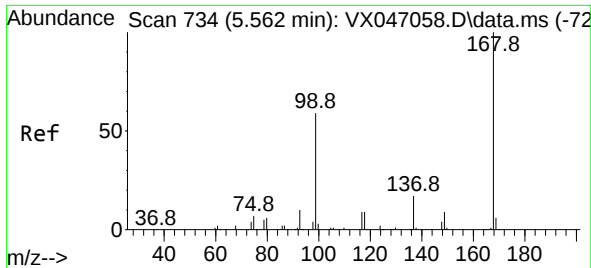
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

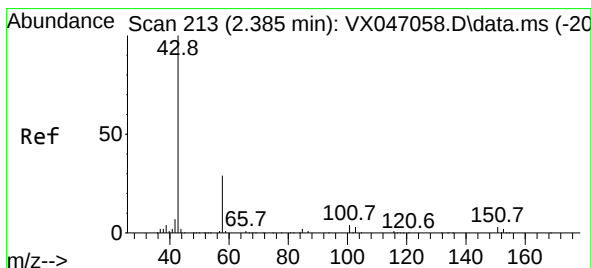
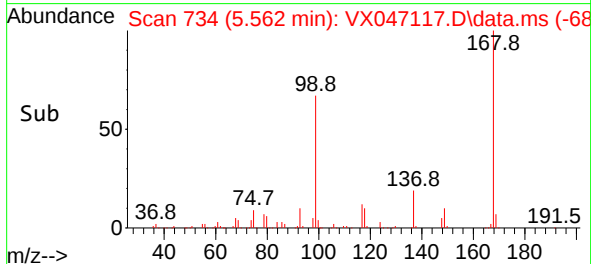
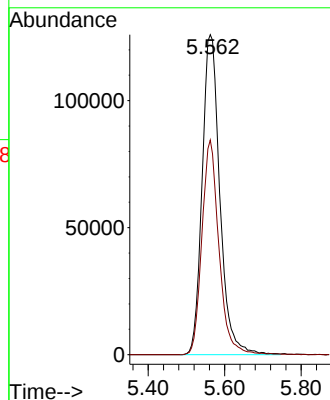
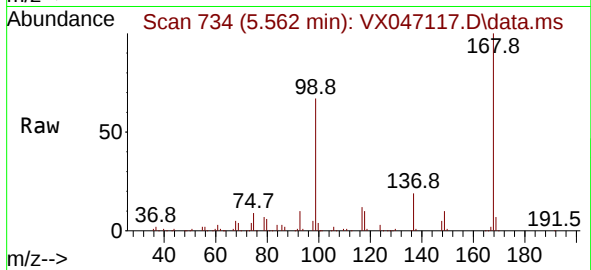




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

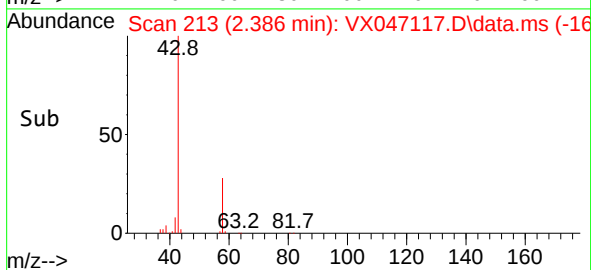
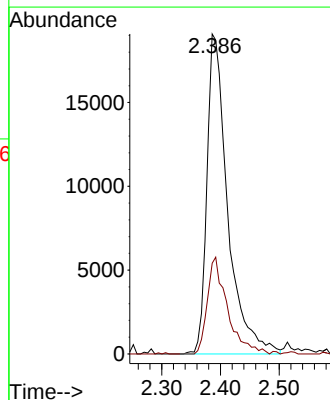
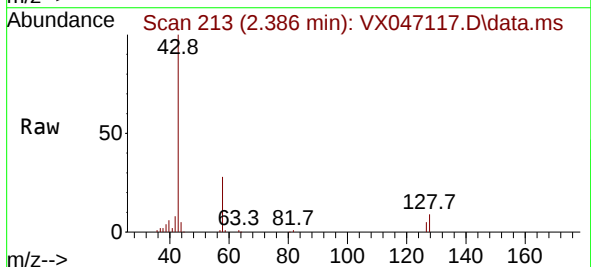
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

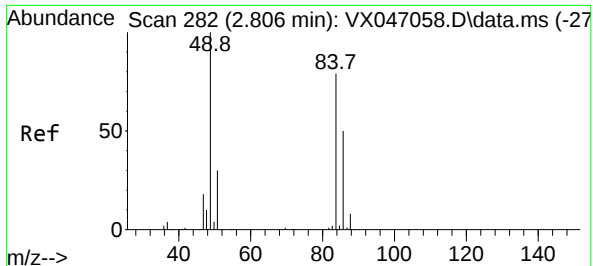
Tgt Ion:168 Resp: 405182
Ion Ratio Lower Upper
168 100
99 67.1 48.0 72.0



#16
Acetone
Concen: 23.192 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion: 43 Resp: 46893
Ion Ratio Lower Upper
43 100
58 29.0 24.0 36.0

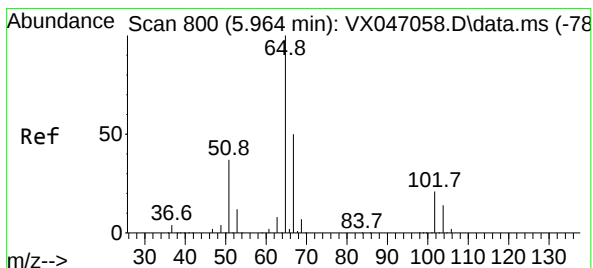
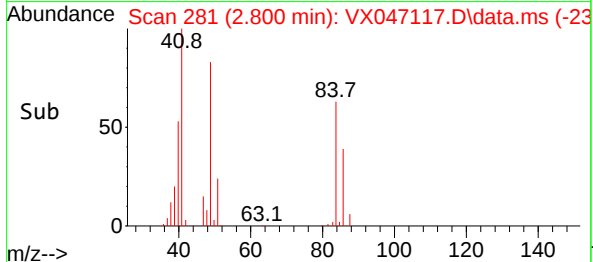
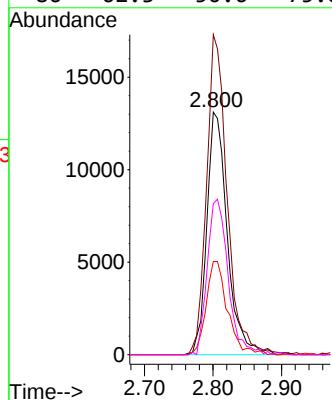
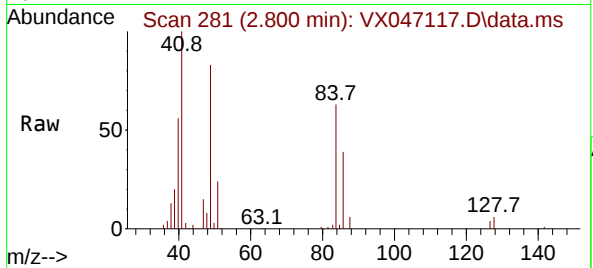




#20
Methylene Chloride
Concen: 4.895 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

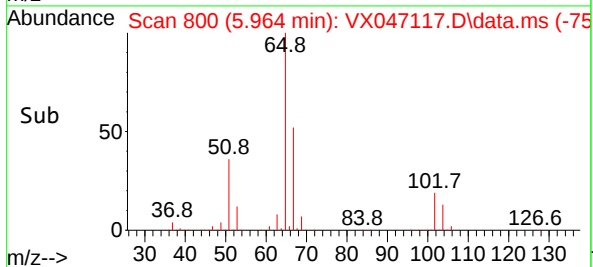
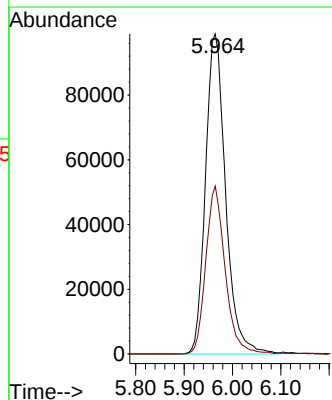
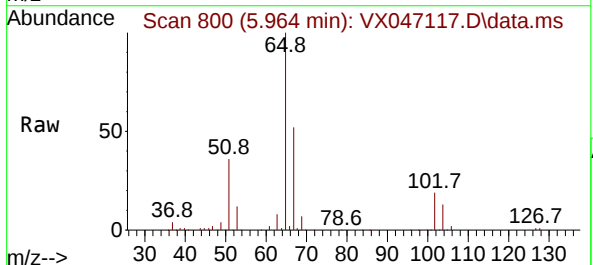
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

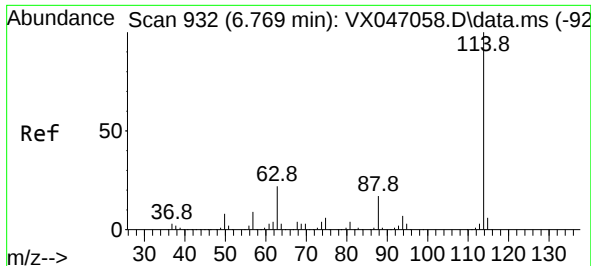
Tgt Ion:	84	Resp:	27228
Ion	Ratio	Lower	Upper
84	100		
49	131.9	101.6	152.4
51	39.0	30.3	45.5
86	62.3	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 56.623 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion:	65	Resp:	285791
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.8

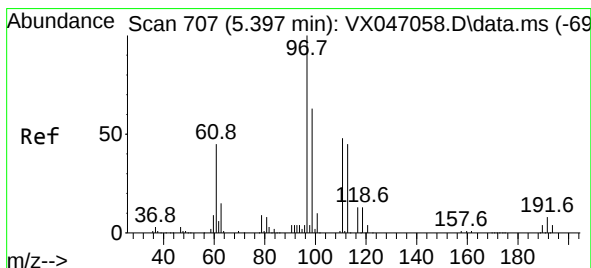
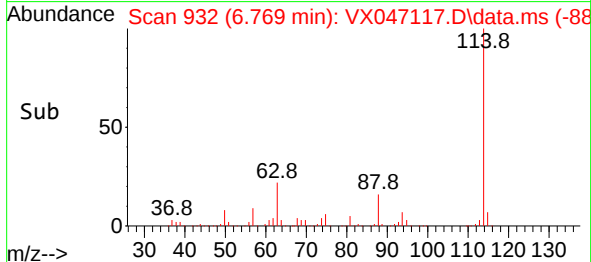
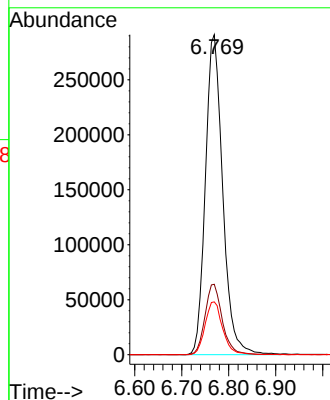
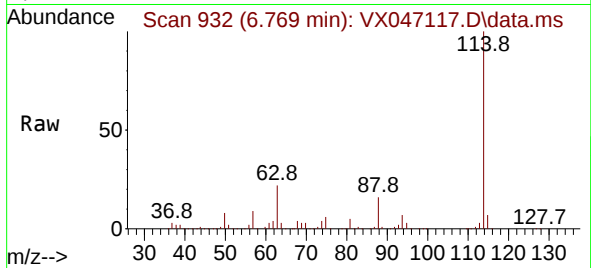




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

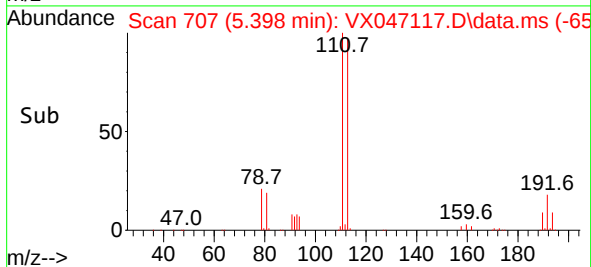
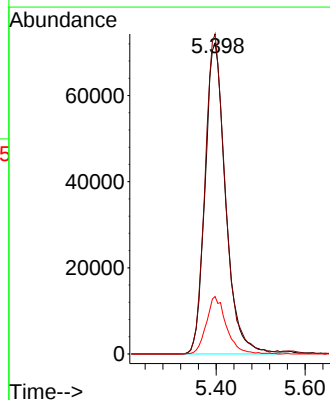
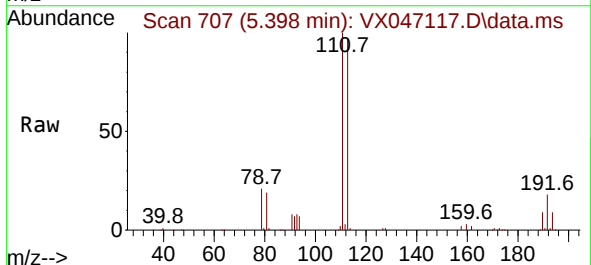
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

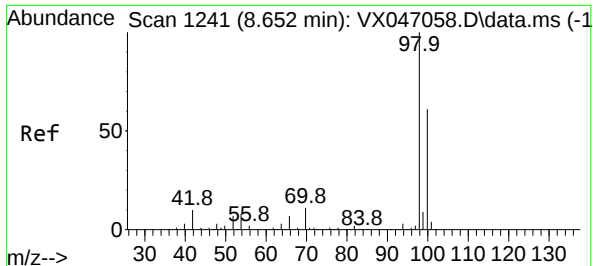
Tgt Ion:114 Resp: 744375
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.453 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion:113 Resp: 231882
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.0 14.9 22.3

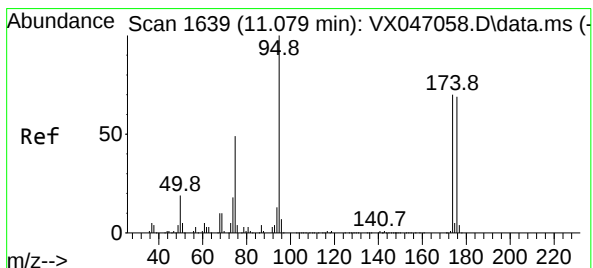
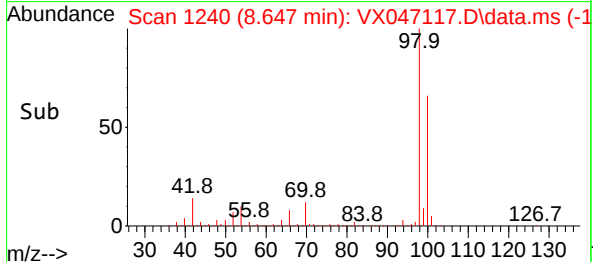
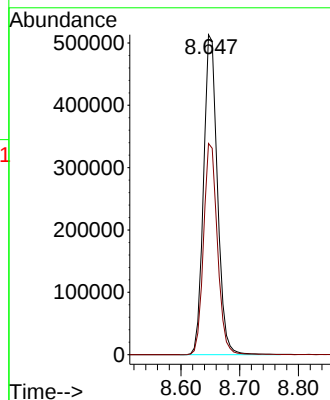
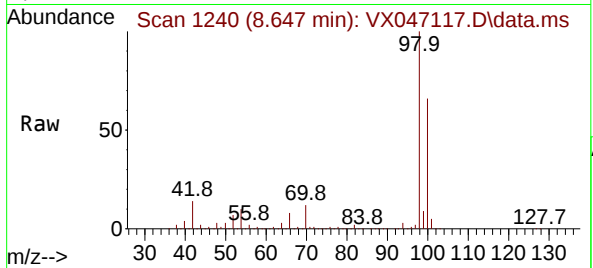




#50
Toluene-d8
Concen: 56.547 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

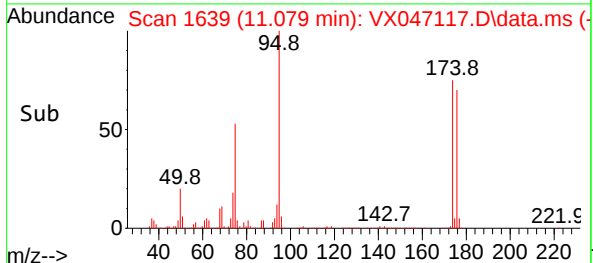
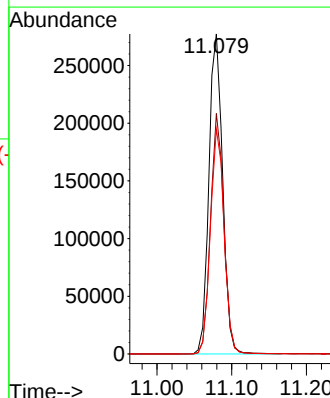
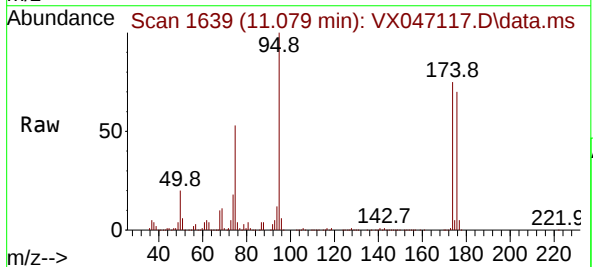
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

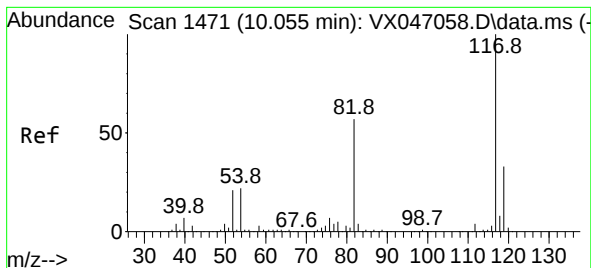
Tgt Ion: 98 Resp: 841647
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion: 95 Resp: 353285
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 70.1 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047117.D

Acq: 24 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

CC0627-AL

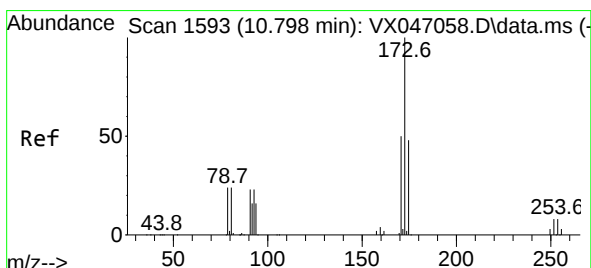
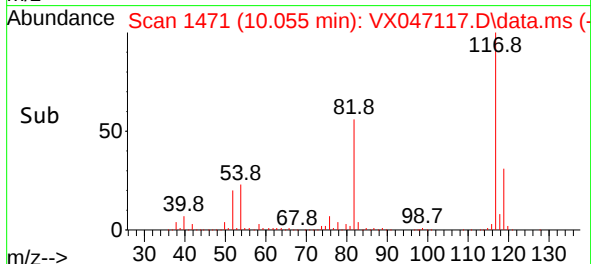
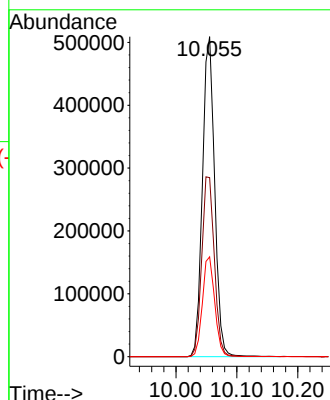
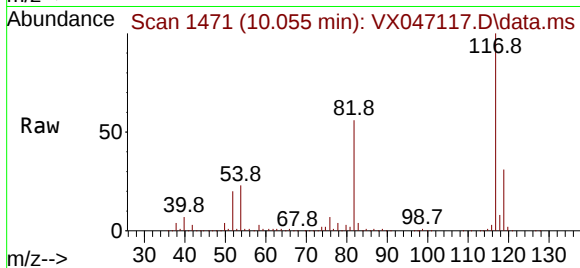
Tgt Ion:117 Resp: 710158

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.2

119 31.2 26.1 39.1



#71

Bromoform

Concen: 0.395 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.007 min

Lab File: VX047117.D

Acq: 24 Jul 2025 14:08

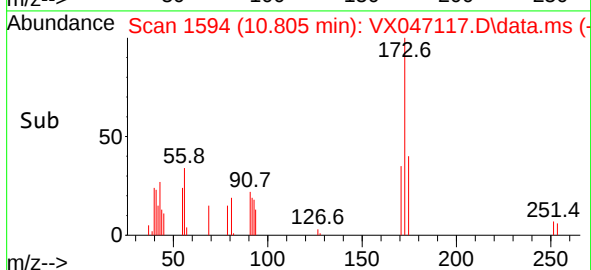
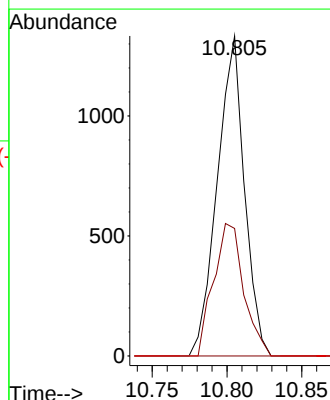
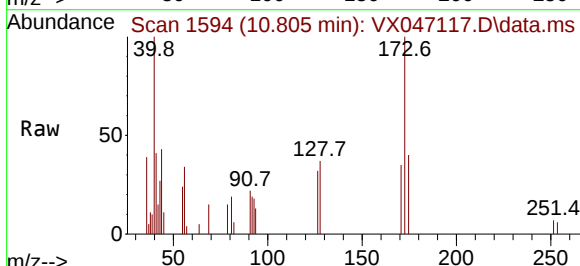
Tgt Ion:173 Resp: 1682

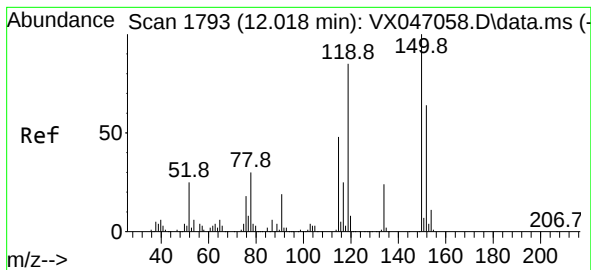
Ion Ratio Lower Upper

173 100

175 46.0 24.2 72.6

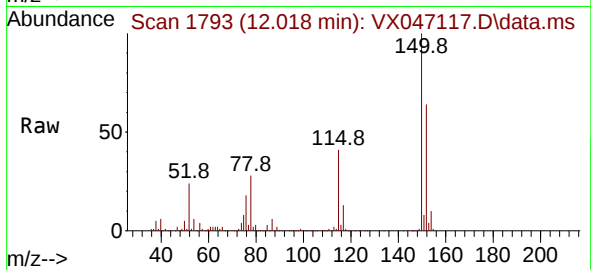
254 0.0 0.1 0.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX047117.D
 Acq: 24 Jul 2025 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AL



Tgt Ion:152 Resp: 363979

Ion	Ratio	Lower	Upper
152	100		
115	63.3	45.6	136.7
150	157.2	0.0	354.6

