

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046577.D
 Acq On : 09 Jun 2025 14:23
 Operator : JC/MD
 Sample : Q2244-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP03-MHC

Quant Time: Jun 10 01:43:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

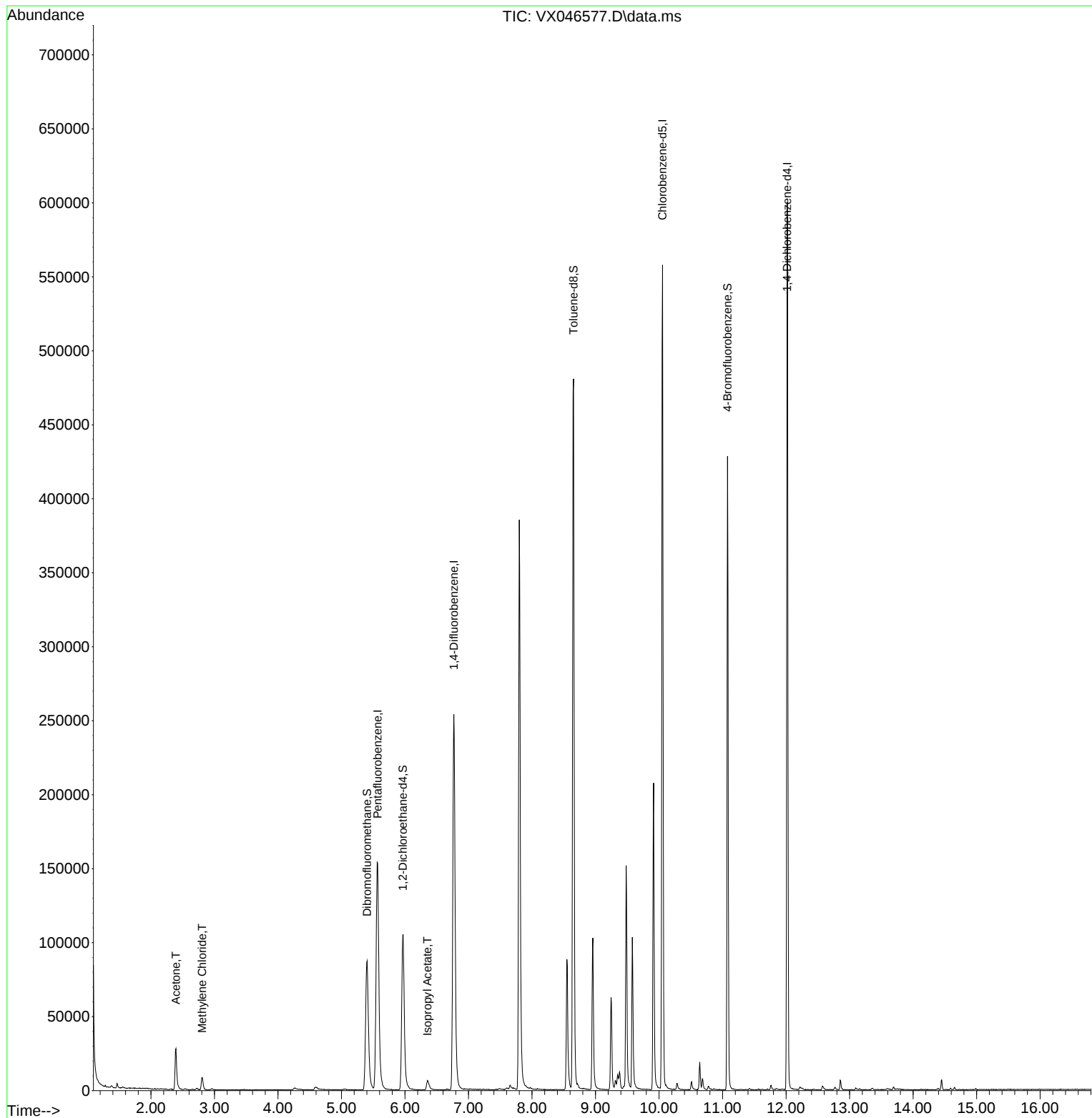
Internal Standards						
1) Pentafluorobenzene	5.568	168	144269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113159	44.087	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.180%
35) Dibromofluoromethane	5.403	113	81570	42.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.940%
50) Toluene-d8	8.653	98	290791	45.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.840%
62) 4-Bromofluorobenzene	11.079	95	113910	43.477	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.960%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	35814	39.474	ug/l	98
20) Methylene Chloride	2.806	84	4147	2.014	ug/l	90
43) Isopropyl Acetate	6.354	43	10112	2.166	ug/l	96

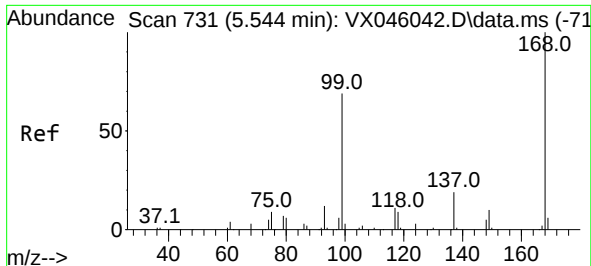
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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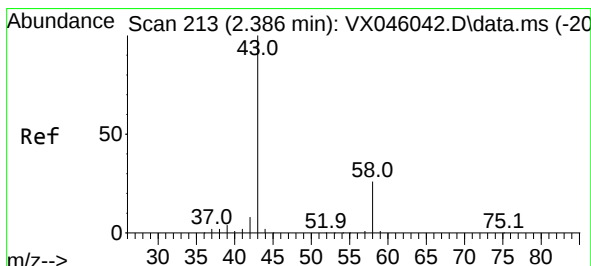
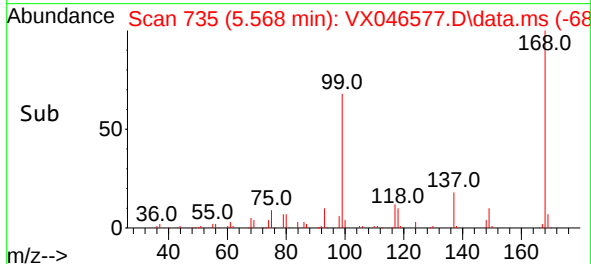
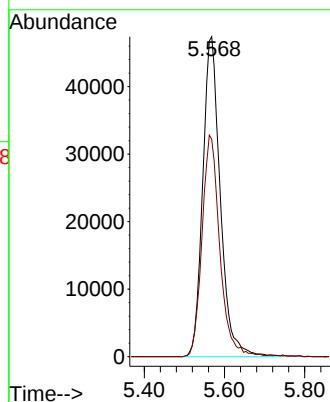
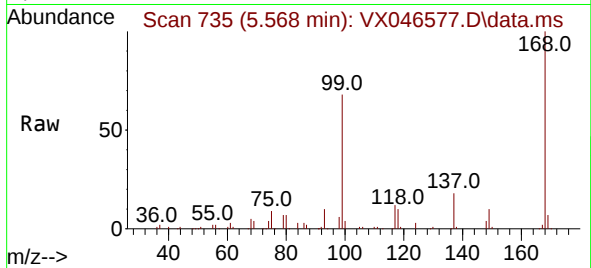




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

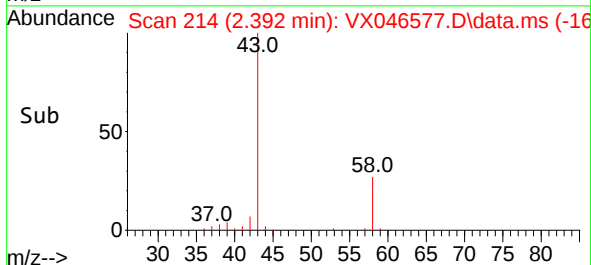
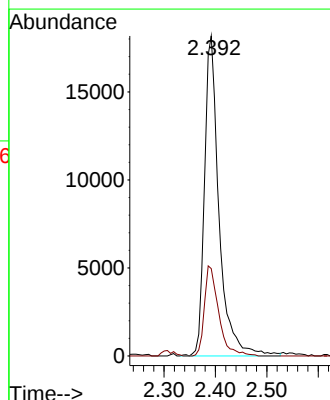
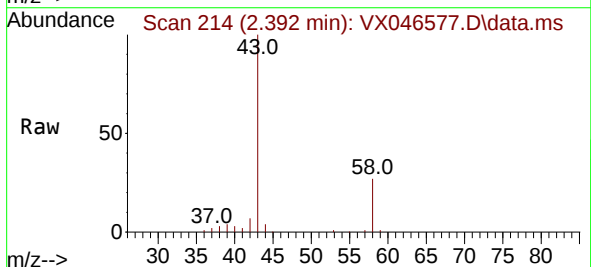
Instrument :
MSVOA_X
ClientSampleId :
TP03-MHC

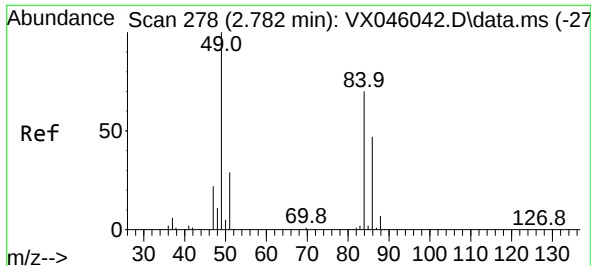
Tgt Ion:168 Resp: 144269
Ion Ratio Lower Upper
168 100
99 67.9 54.9 82.3



#16
Acetone
Concen: 39.474 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 43 Resp: 35814
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8

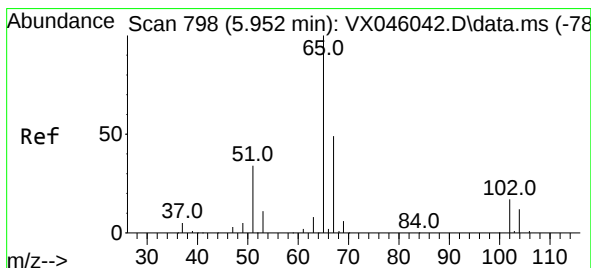
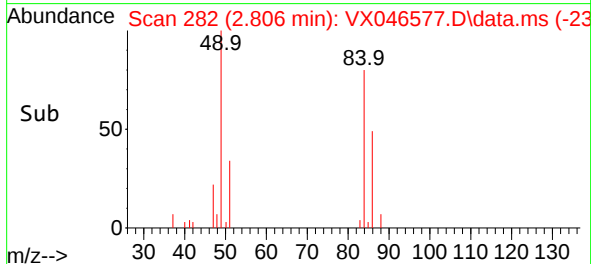
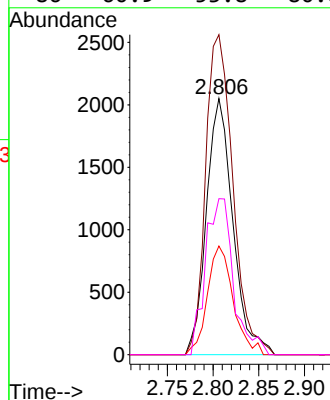
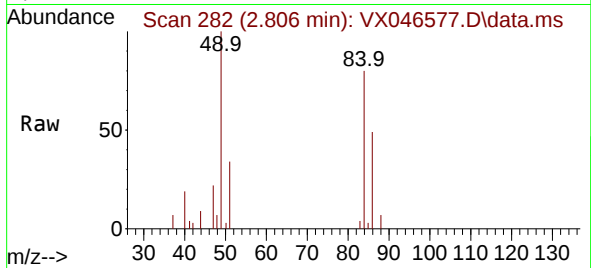




#20
Methylene Chloride
Concen: 2.014 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

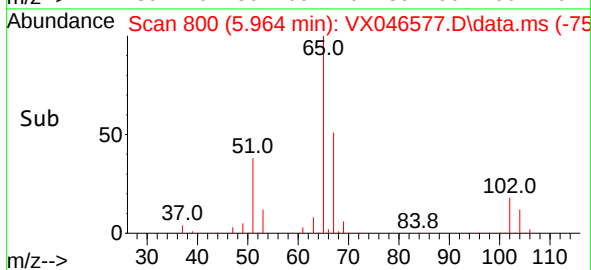
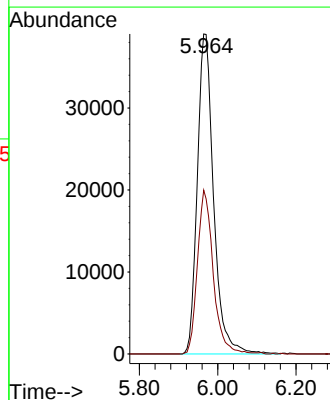
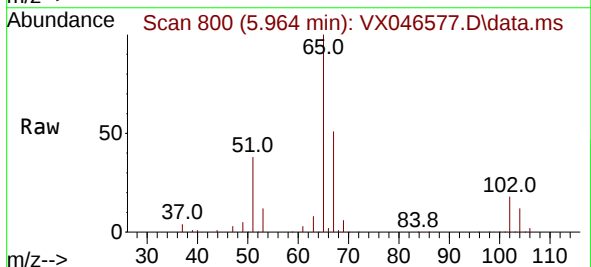
Instrument :
MSVOA_X
ClientSampleId :
TP03-MHC

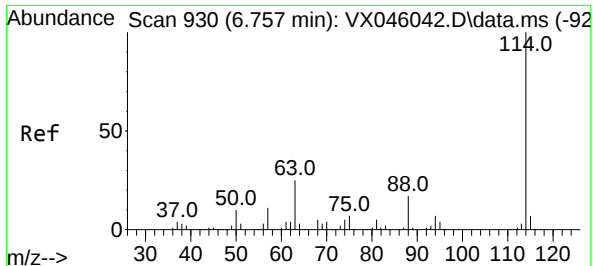
Tgt Ion: 84	Resp: 4147
Ion Ratio	Lower Upper
84 100	
49 124.9	113.9 170.9
51 42.4	33.5 50.3
86 60.9	53.8 80.8



#33
1,2-Dichloroethane-d4
Concen: 44.087 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 65	Resp: 113159
Ion Ratio	Lower Upper
65 100	
67 49.7	0.0 99.0

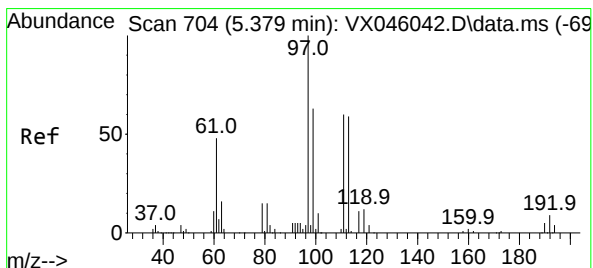
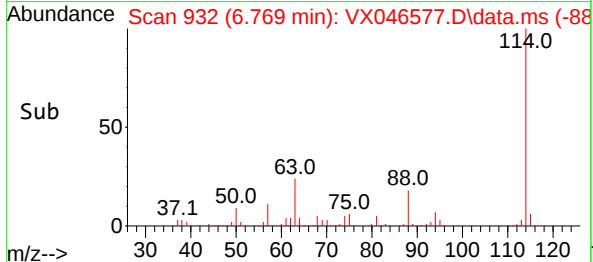
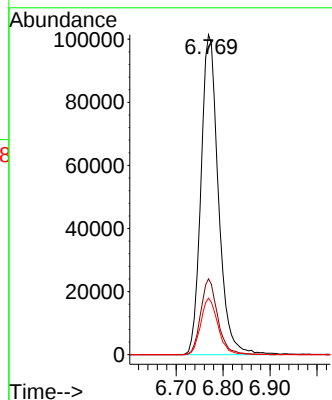
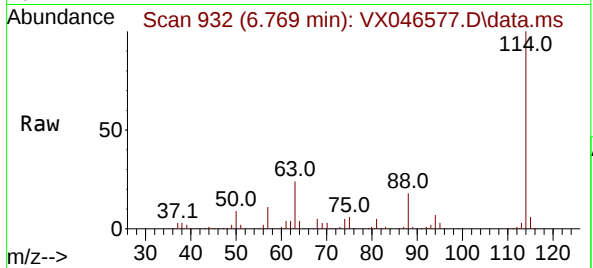




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

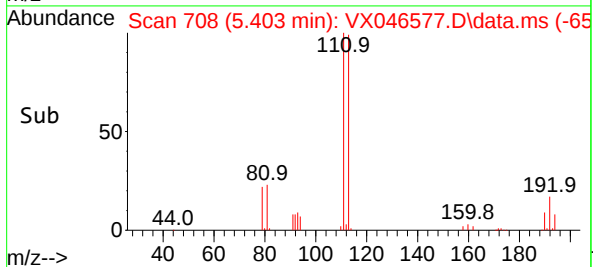
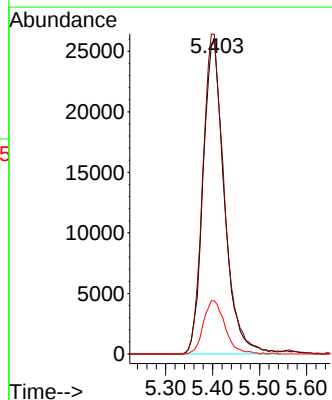
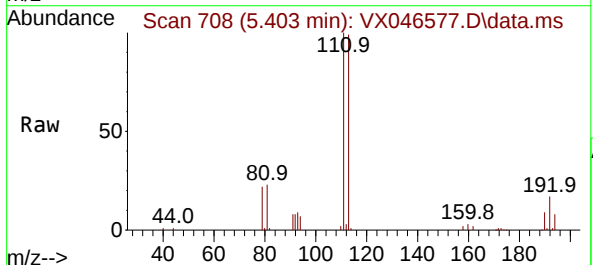
Instrument :
MSVOA_X
ClientSampleId :
TP03-MHC

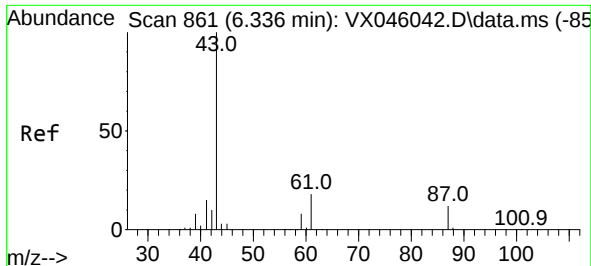
Tgt Ion:114 Resp: 261183
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 42.468 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

Tgt Ion:113 Resp: 81570
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 17.2 13.3 19.9

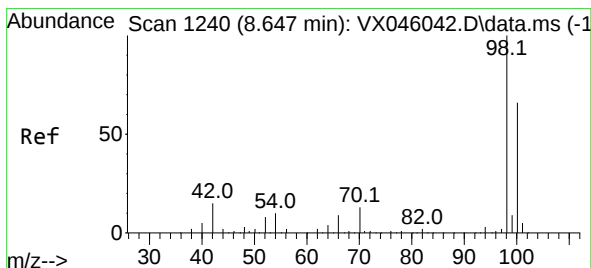
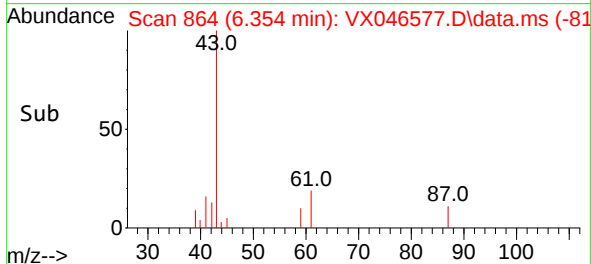
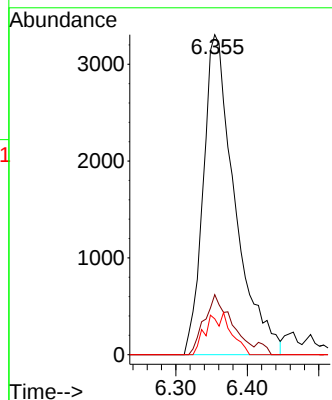
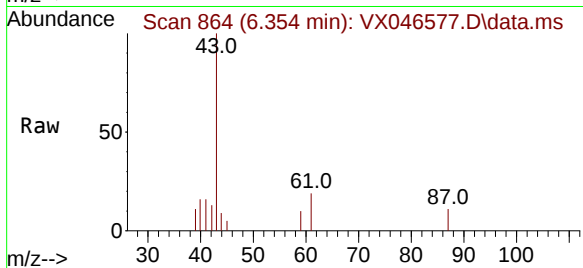




#43
Isopropyl Acetate
Concen: 2.166 ug/l
RT: 6.354 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

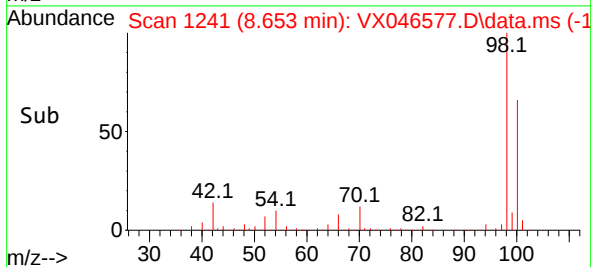
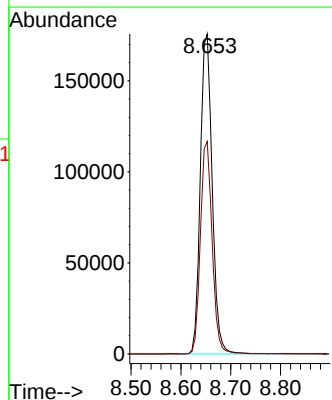
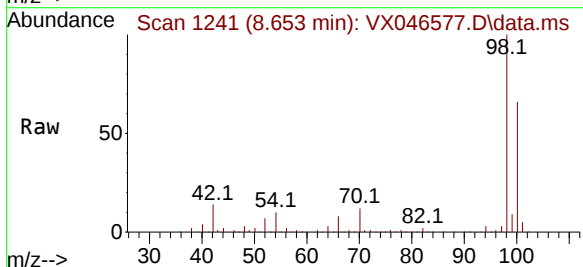
Instrument :
MSVOA_X
ClientSampleId :
TP03-MHC

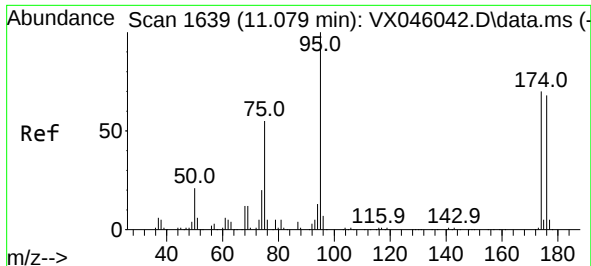
Tgt Ion: 43 Resp: 10112
Ion Ratio Lower Upper
43 100
61 16.4 14.3 21.5
87 10.5 9.5 14.3



#50
Toluene-d8
Concen: 45.921 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 98 Resp: 290791
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

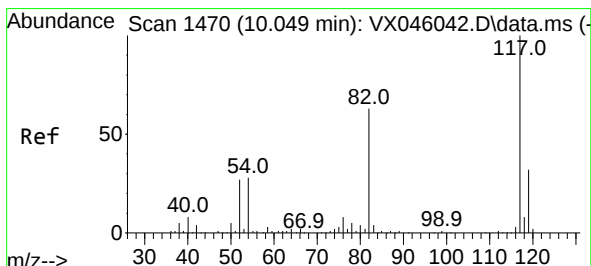
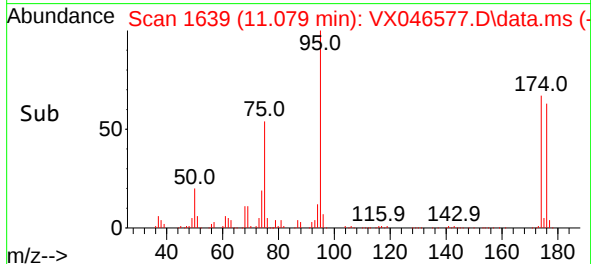
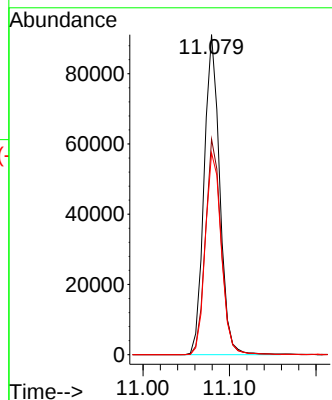
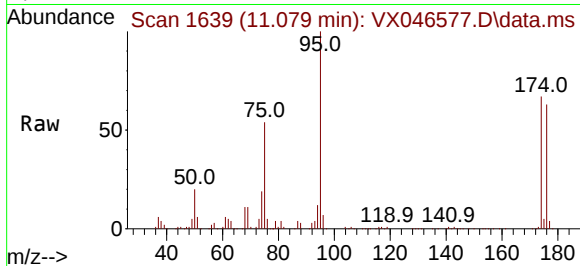




#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

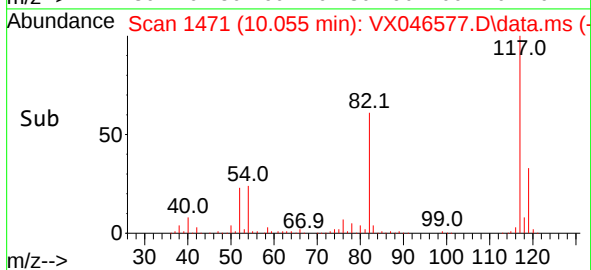
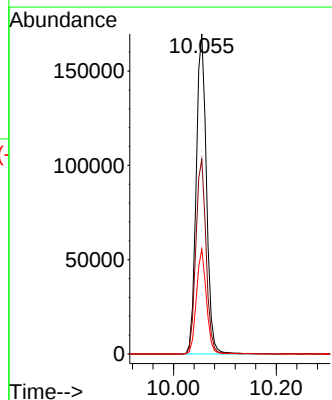
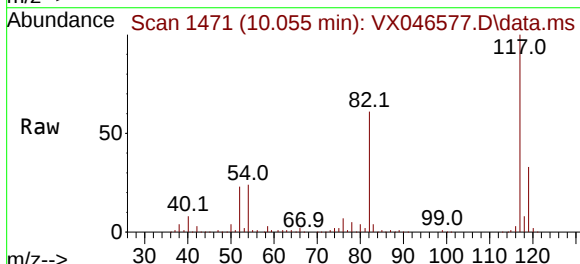
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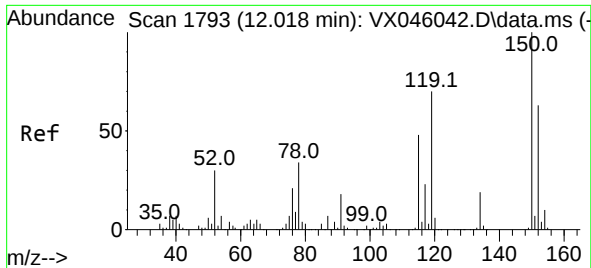
Tgt Ion: 95 Resp: 113910
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046577.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 117 Resp: 235979
Ion Ratio Lower Upper
117 100
82 60.8 50.6 76.0
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046577.D

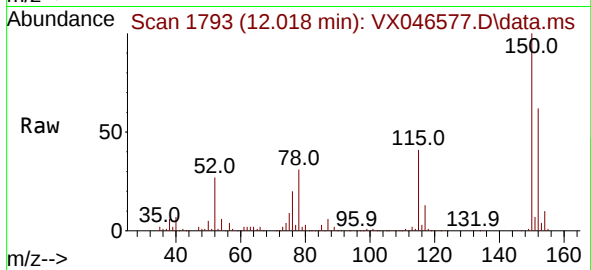
Acq: 09 Jun 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

TP03-MHC



Tgt Ion:152 Resp: 114518

Ion Ratio Lower Upper

152 100

115 64.5 46.9 140.7

150 159.9 0.0 351.0

