

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086474.D
 Acq On : 02 May 2025 19:31
 Operator : JC\MD
 Sample : Q1940-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: May 02 23:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

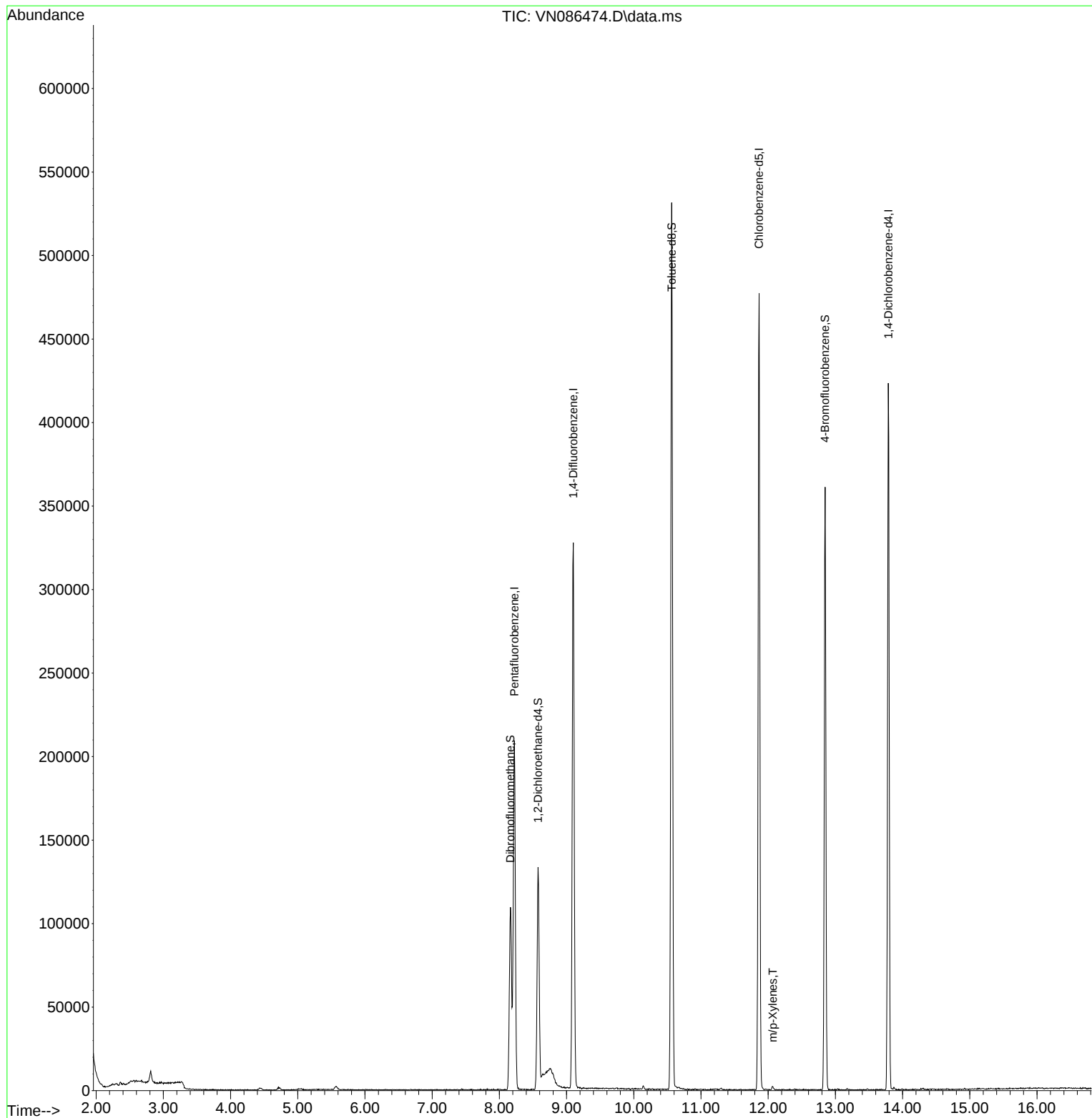
Internal Standards						
1) Pentafluorobenzene	8.224	168	151630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107467	48.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.165	113	80434	60.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.200%
50) Toluene-d8	10.565	98	369568	51.665	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.847	95	127316	48.798	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.600%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.070	106	874	0.211	ug/l	96

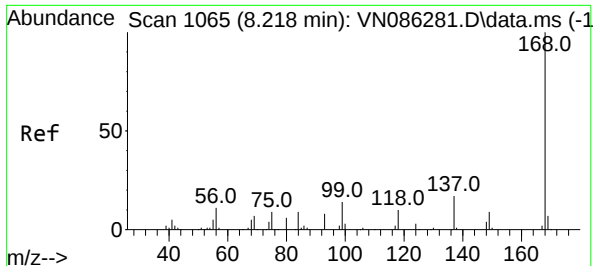
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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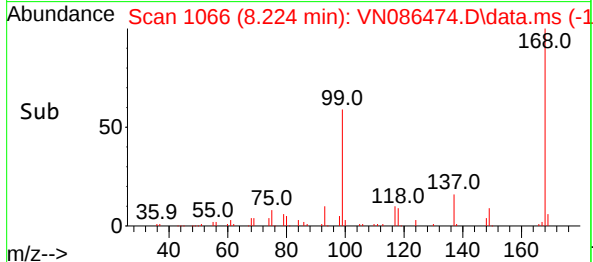
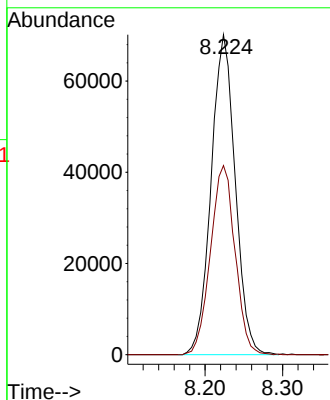
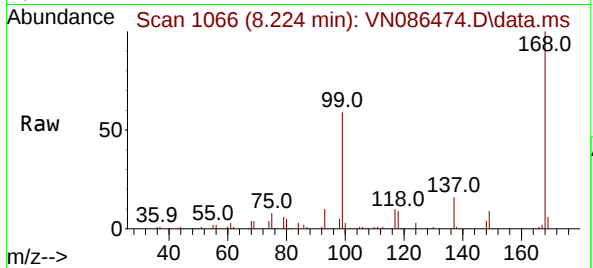




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

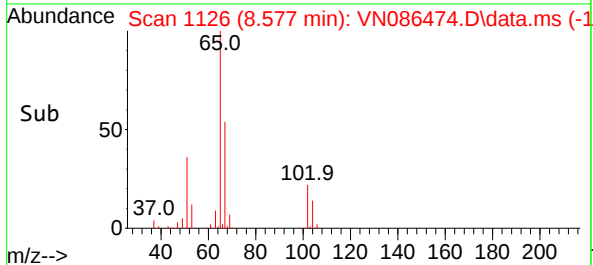
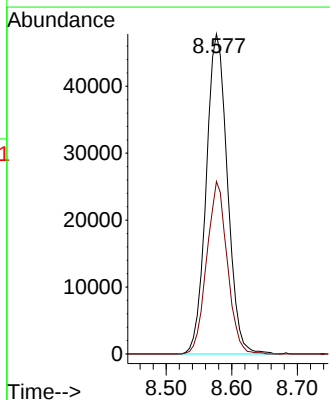
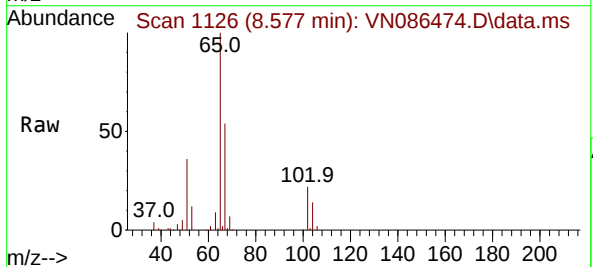
Instrument :
MSVOA_N
ClientSampleId :
MW-2

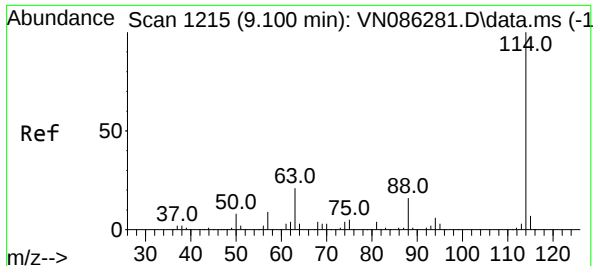
Tgt Ion:168 Resp: 151630
Ion Ratio Lower Upper
168 100
99 59.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.876 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

Tgt Ion: 65 Resp: 107467
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086474.D

Acq: 02 May 2025 19:31

Instrument :

MSVOA_N

ClientSampleId :

MW-2

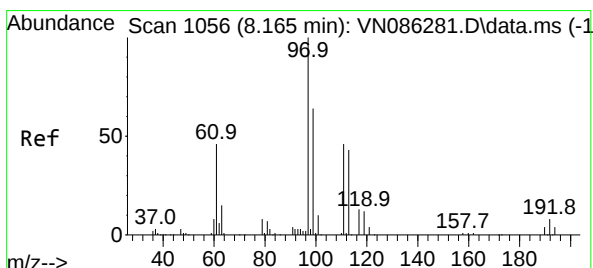
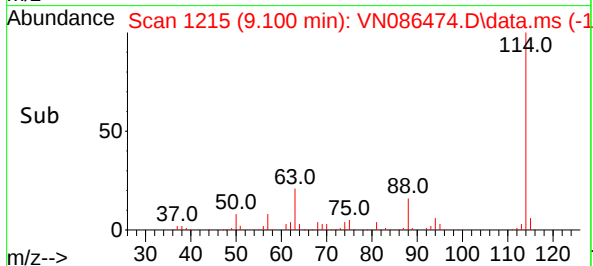
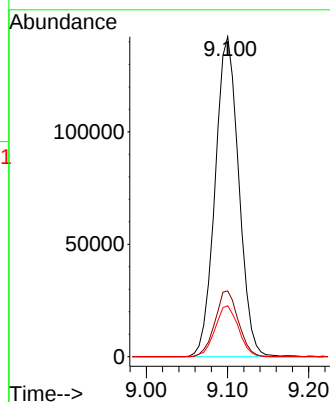
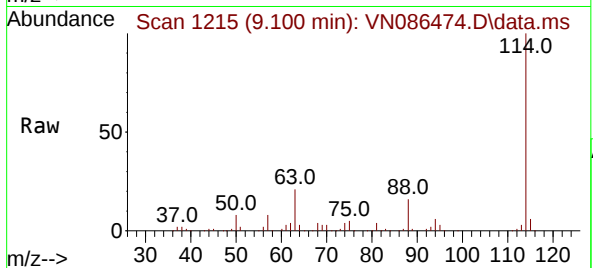
Tgt Ion:114 Resp: 288383

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.096 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086474.D

Acq: 02 May 2025 19:31

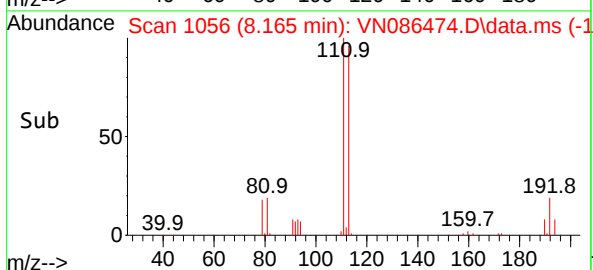
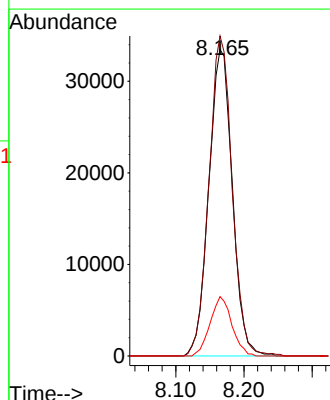
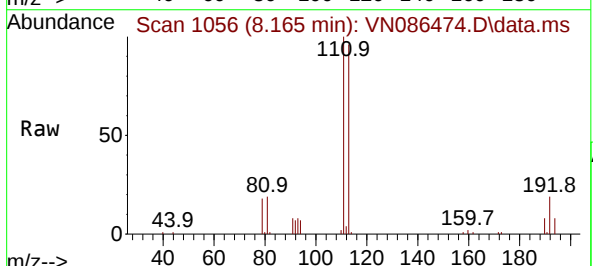
Tgt Ion:113 Resp: 80434

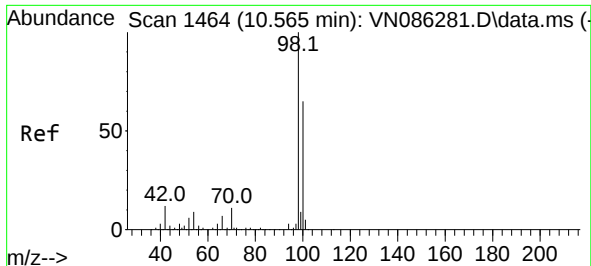
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.0

192 17.9 13.7 20.5

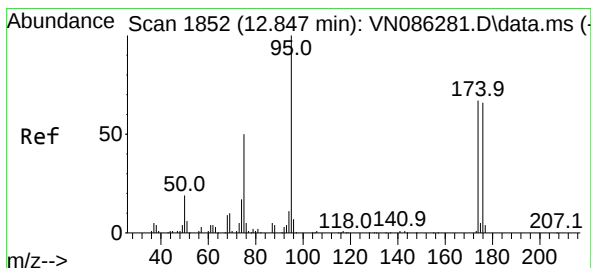
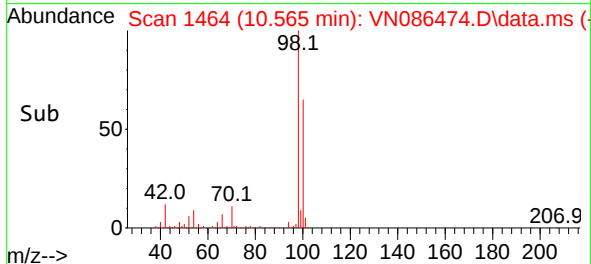
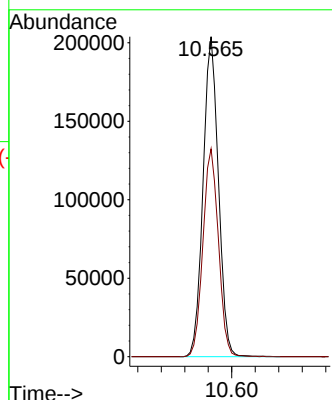
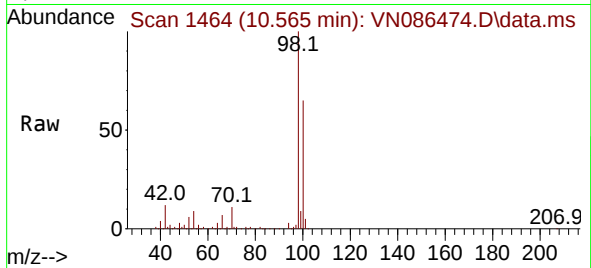




#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

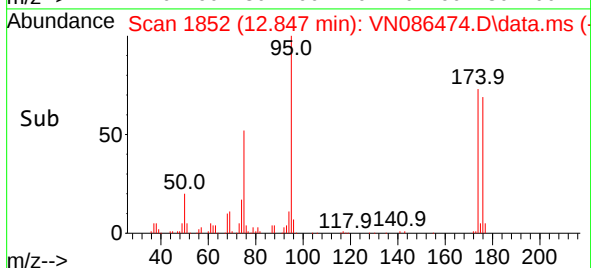
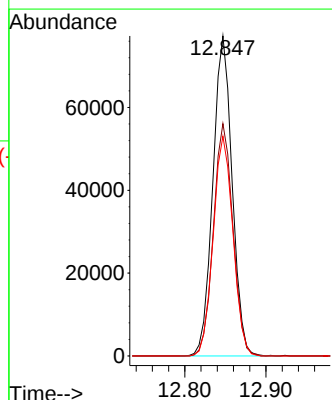
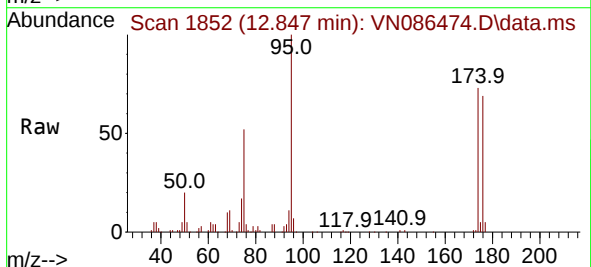
Instrument :
MSVOA_N
ClientSampleId :
MW-2

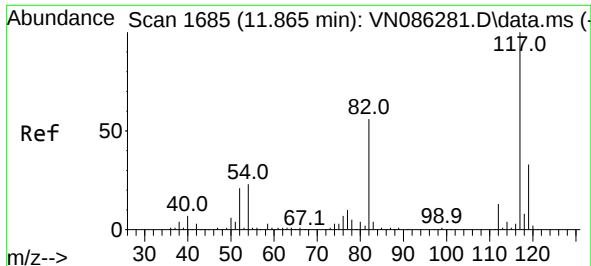
Tgt Ion: 98 Resp: 369568
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

Tgt Ion: 95 Resp: 127316
Ion Ratio Lower Upper
95 100
174 73.6 0.0 133.4
176 70.3 0.0 129.2

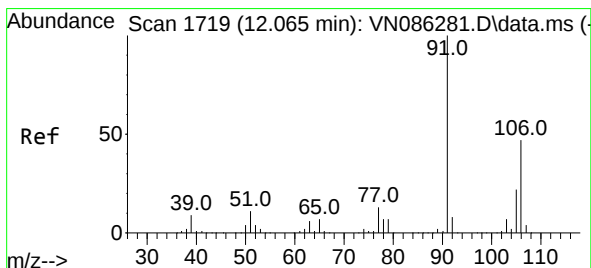
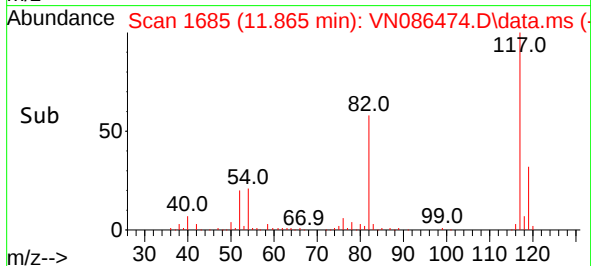
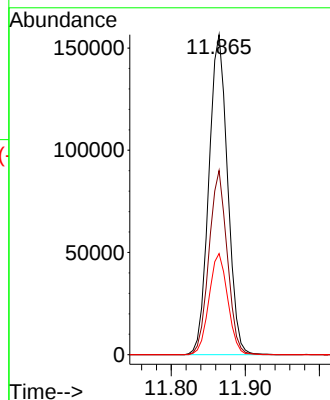
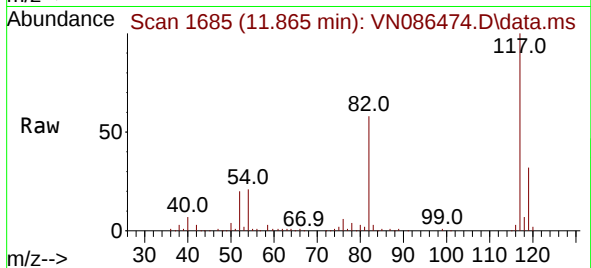




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

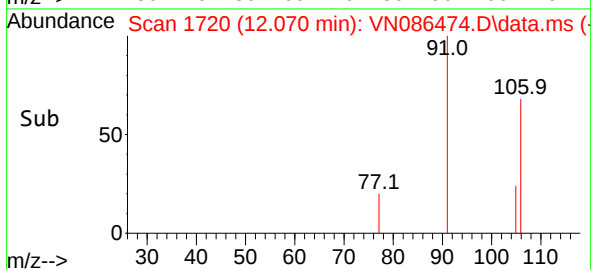
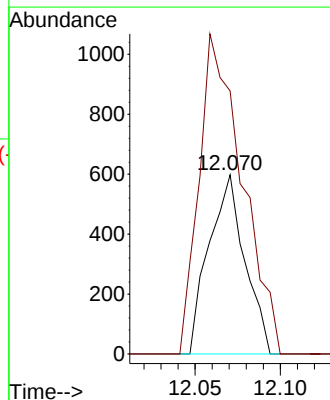
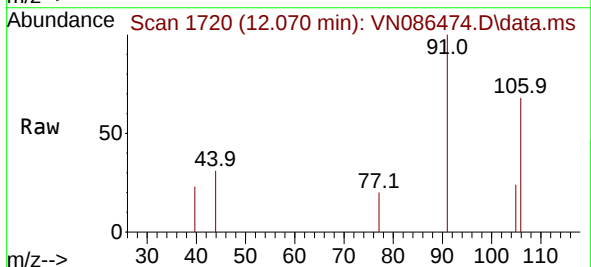
Instrument :
MSVOA_N
ClientSampleId :
MW-2

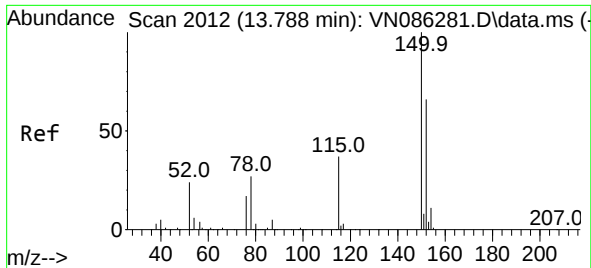
Tgt Ion:117 Resp: 274301
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.6 26.4 39.6



#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086474.D
Acq: 02 May 2025 19:31

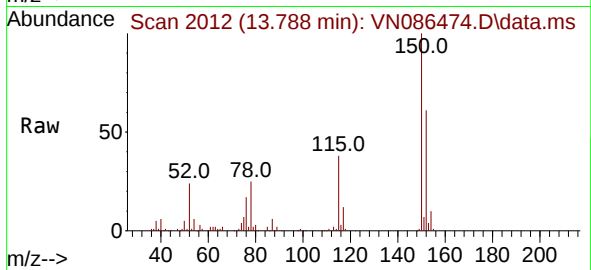
Tgt Ion:106 Resp: 874
Ion Ratio Lower Upper
106 100
91 214.6 166.5 249.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086474.D
 Acq: 02 May 2025 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2



Tgt Ion:152 Resp: 114473
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.9 95.9
 150 156.9 0.0 352.0

