

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086288.D
 Acq On : 16 Apr 2025 10:12
 Operator : JC\MD
 Sample : VN0416WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBL01

Quant Time: Apr 17 05:35:58 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	215943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153932	49.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	8.165	113	105409	55.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.060%
50) Toluene-d8	10.565	98	518345	50.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.847	95	186209	49.873	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.740%

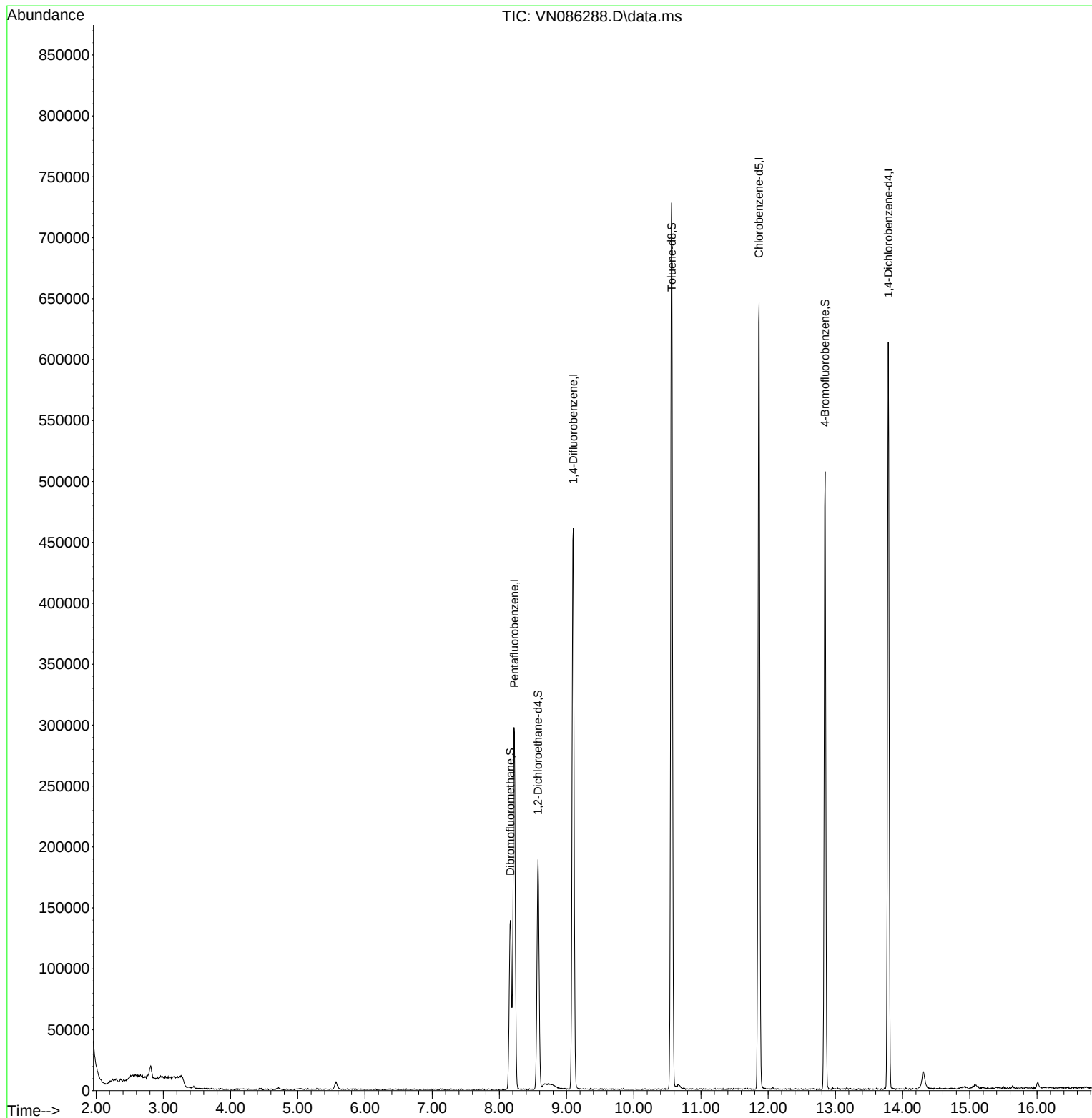
Target Compounds	Qvalue

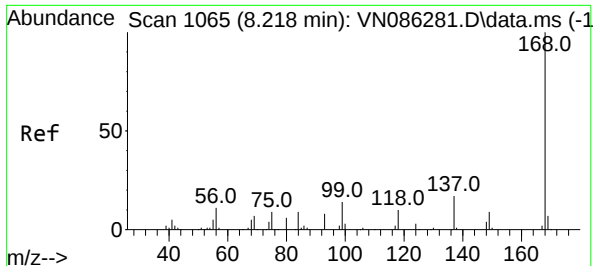
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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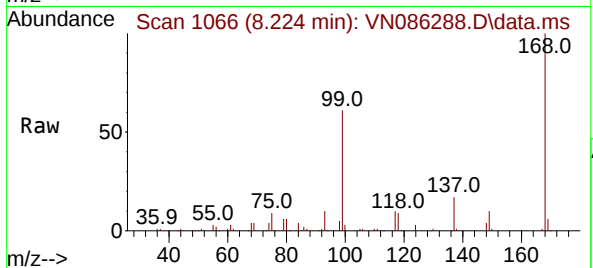
Quant Time: Apr 17 05:35:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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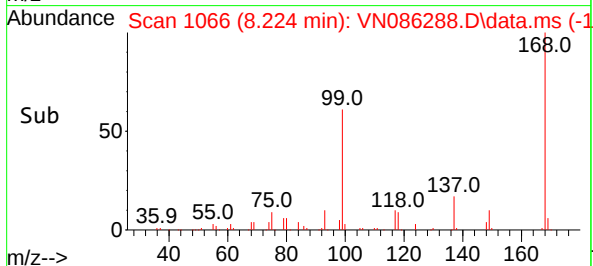
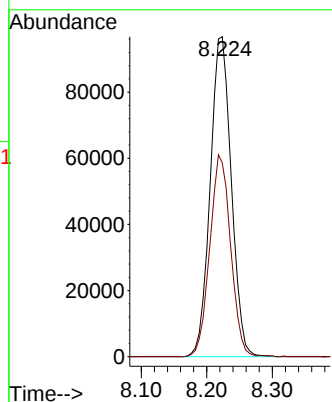


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

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ClientSampleId :
VN0416WBL01

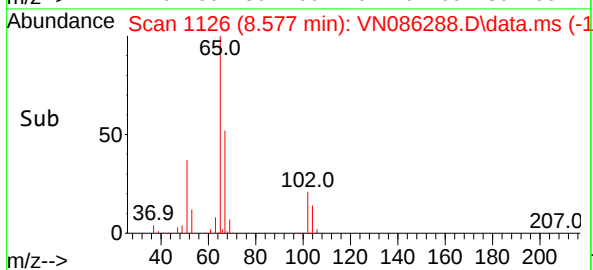
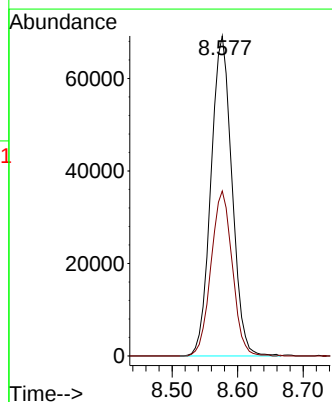
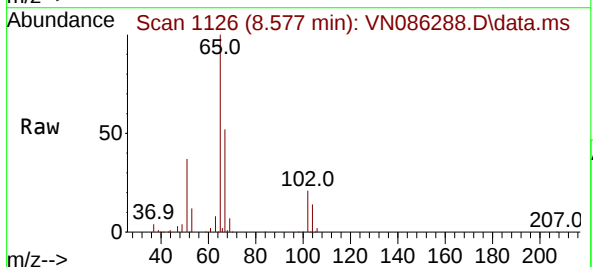


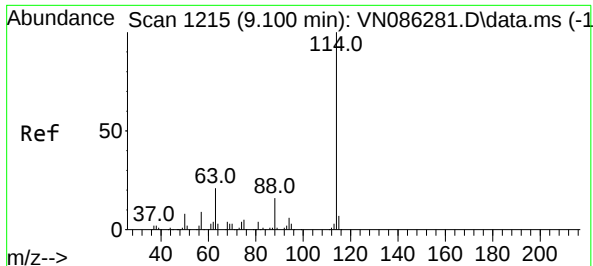
Tgt Ion:168 Resp: 215943
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion: 65 Resp: 153932
Ion Ratio Lower Upper
65 100
67 52.1 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: VN086288.D

Acq: 16 Apr 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBL01

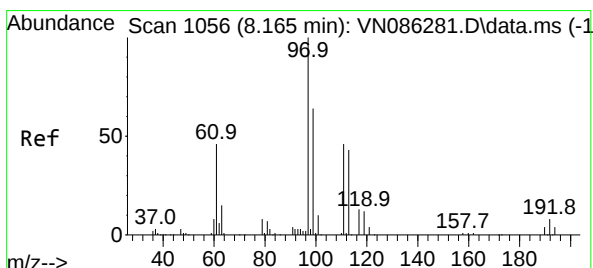
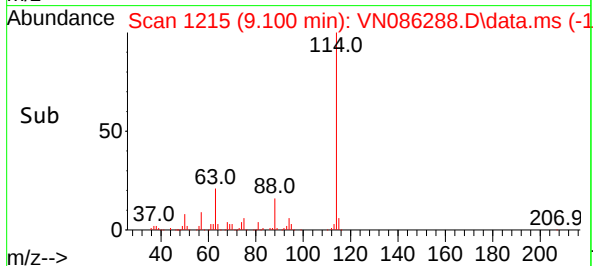
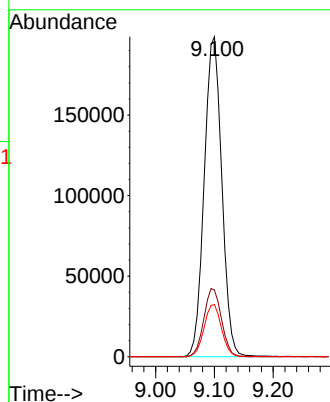
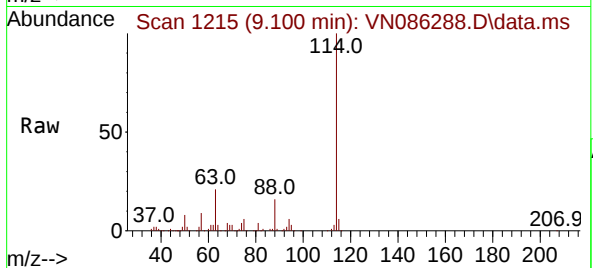
Tgt Ion:114 Resp: 412690

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.034 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086288.D

Acq: 16 Apr 2025 10:12

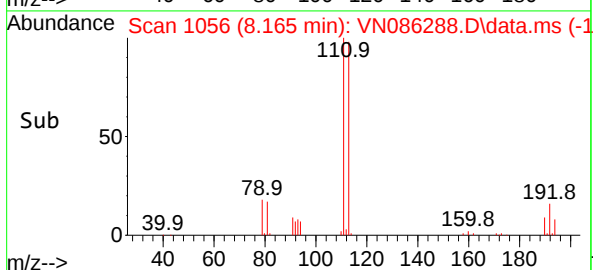
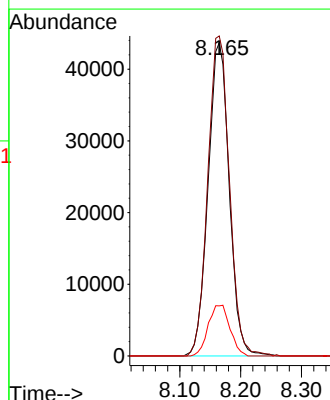
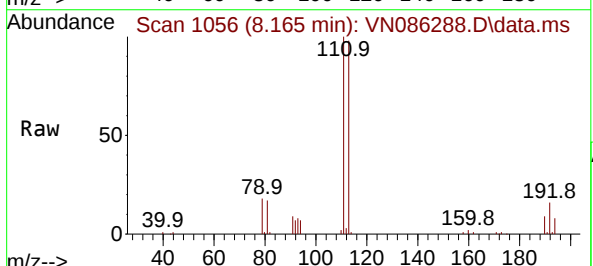
Tgt Ion:113 Resp: 105409

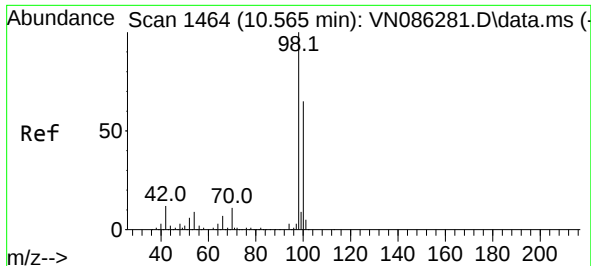
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

192 16.7 13.7 20.5

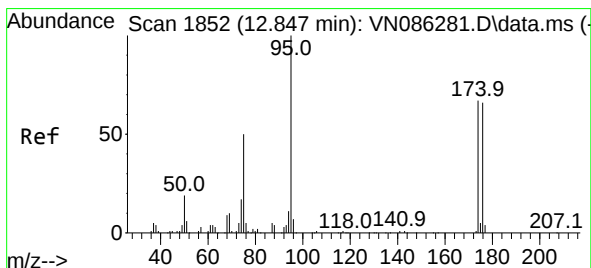
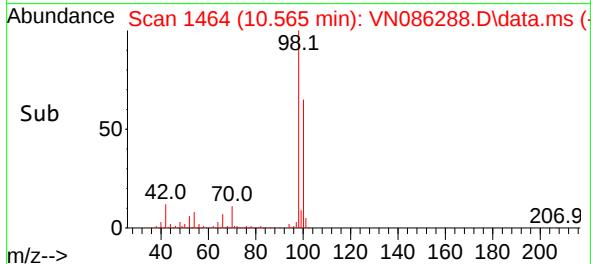
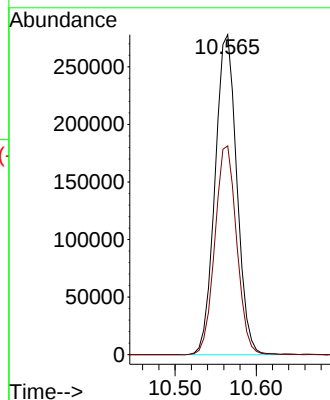
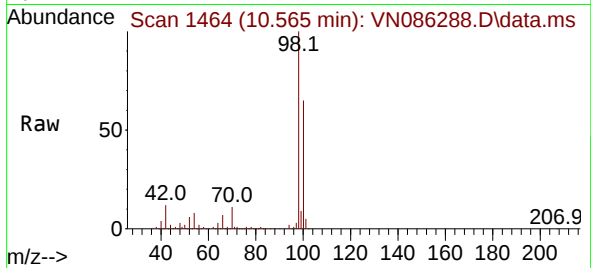




#50
Toluene-d8
Concen: 50.637 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

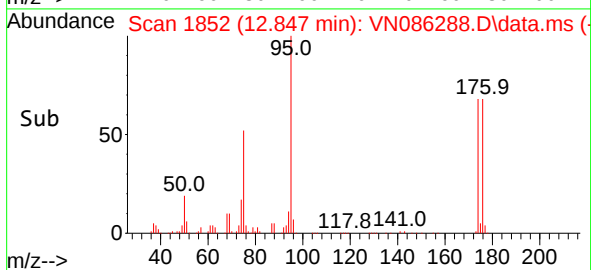
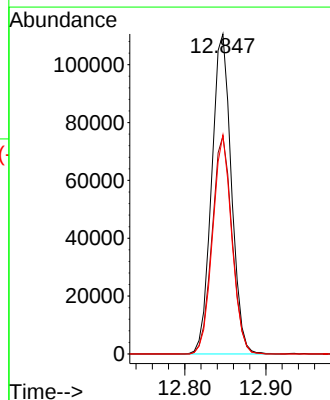
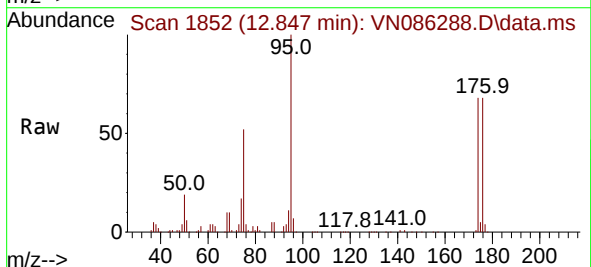
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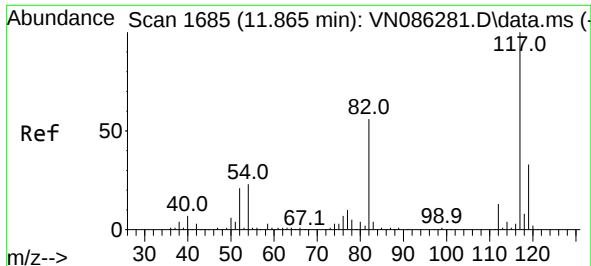
Tgt Ion: 98 Resp: 518345
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion: 95 Resp: 186209
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 66.4 0.0 129.2

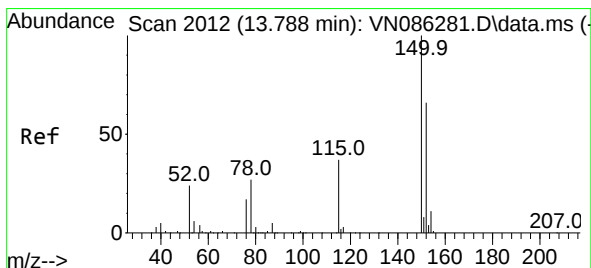
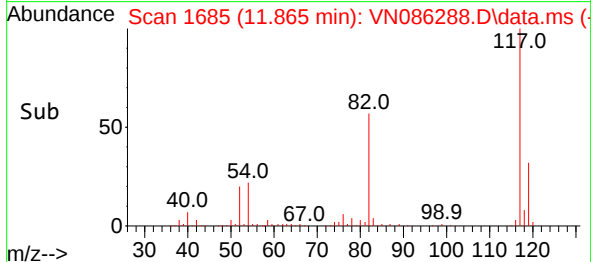
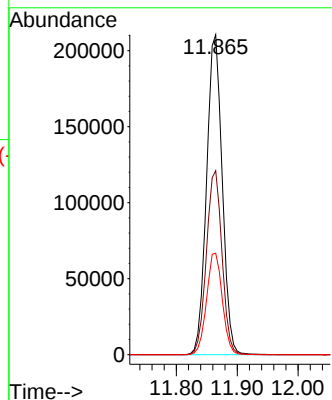
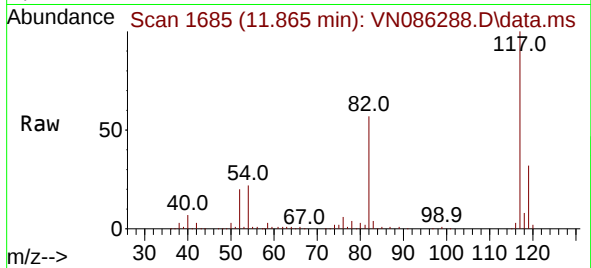




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBL01

Tgt Ion:117 Resp: 374988
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086288.D
Acq: 16 Apr 2025 10:12

Tgt Ion:152 Resp: 162383
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.9
150 158.0 0.0 352.0

