

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086295.D
 Acq On : 16 Apr 2025 14:26
 Operator : JC\MD
 Sample : Q1812-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-041525

Quant Time: Apr 17 03:07:11 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	185374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	336378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134272	49.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.165	113	92292	55.109	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.220%
50) Toluene-d8	10.565	98	459007	51.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.847	95	167350	51.261	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.520%

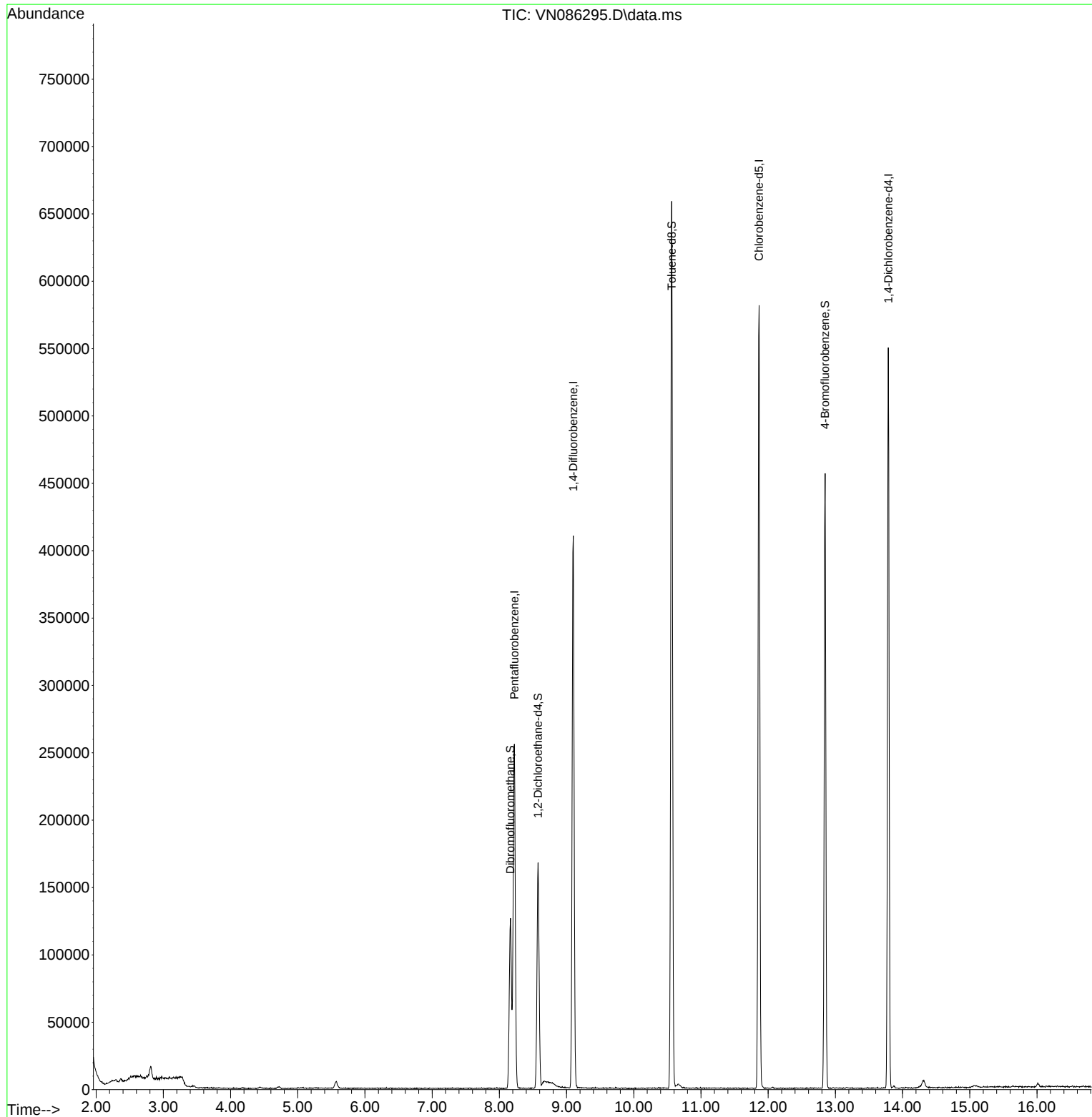
Target Compounds	Qvalue

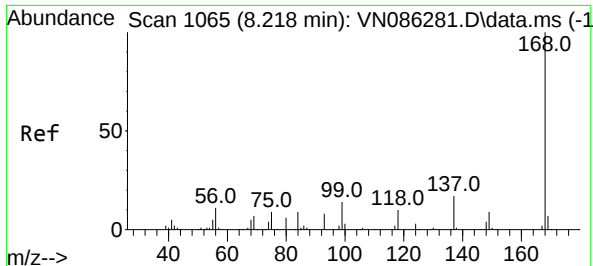
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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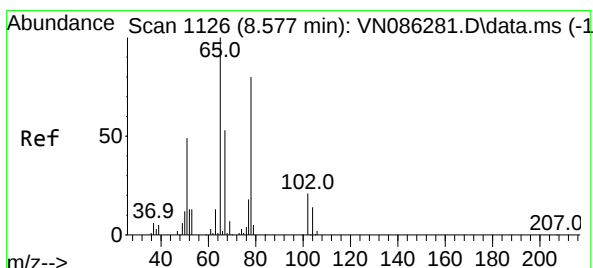
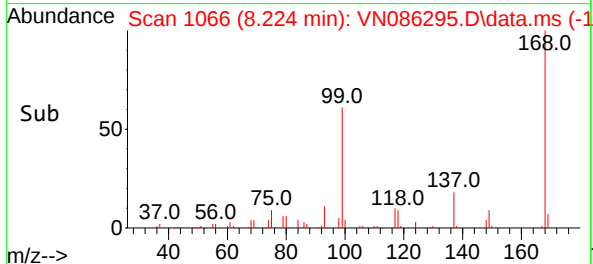
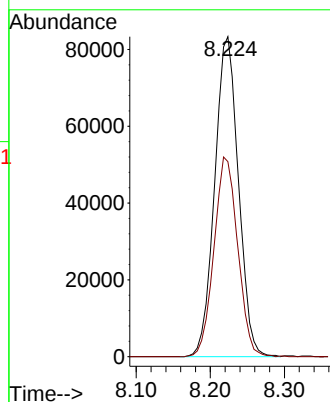
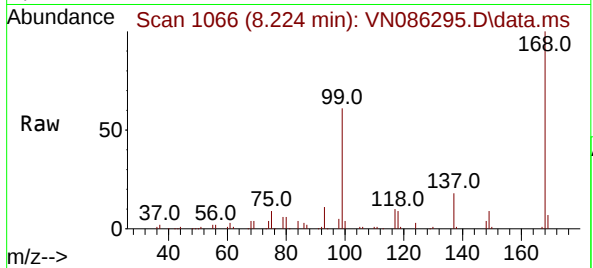




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

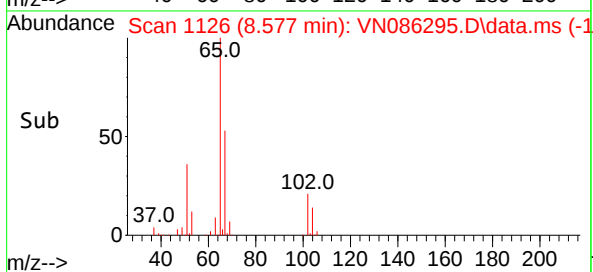
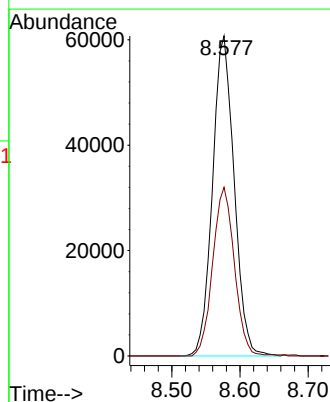
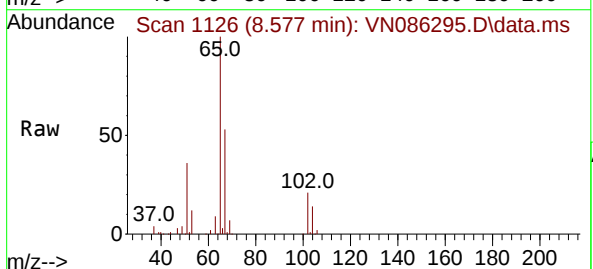
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

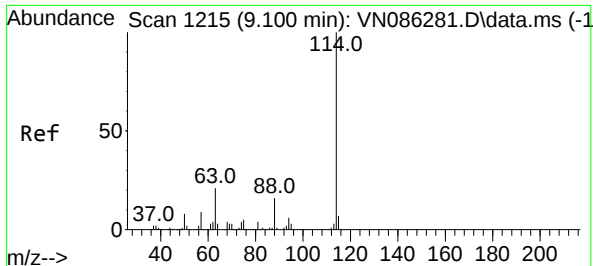
Tgt Ion:168 Resp: 185374
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.951 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 65 Resp: 134272
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0

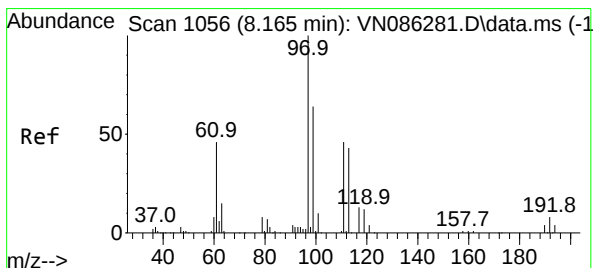
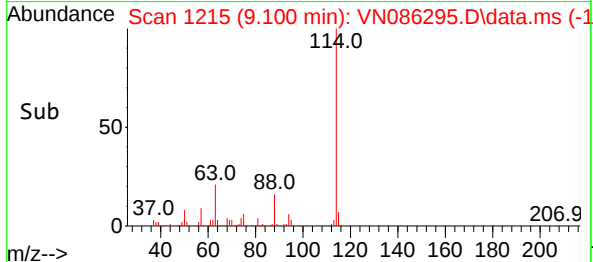
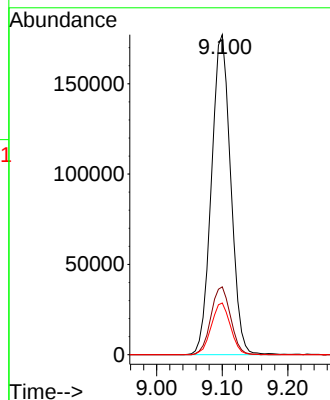
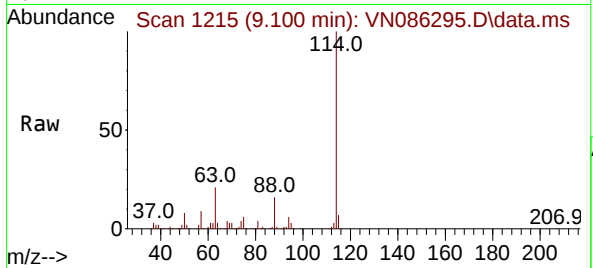




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

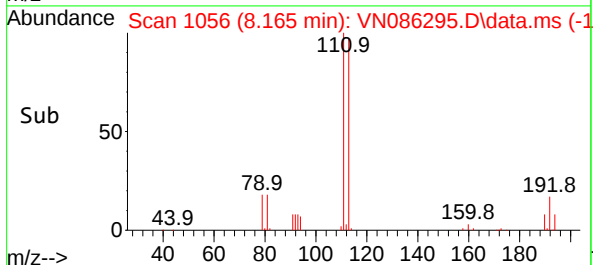
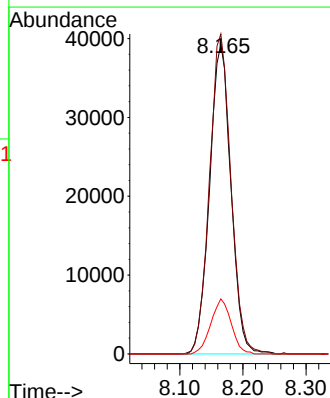
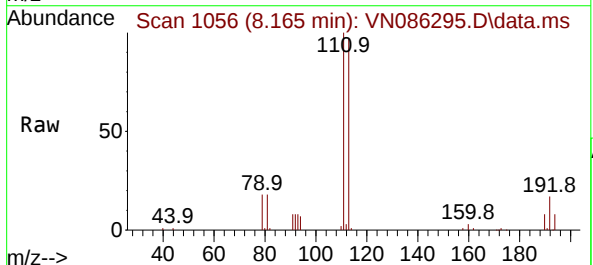
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

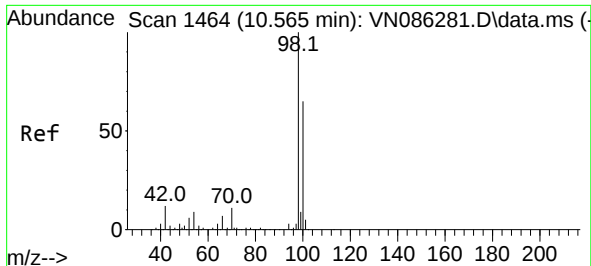
Tgt Ion:114 Resp: 360844
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.6
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.109 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion:113 Resp: 92292
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.0
192 17.0 13.7 20.5

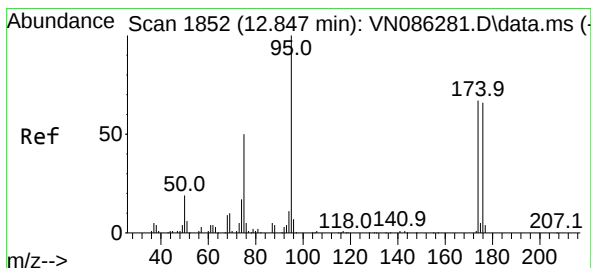
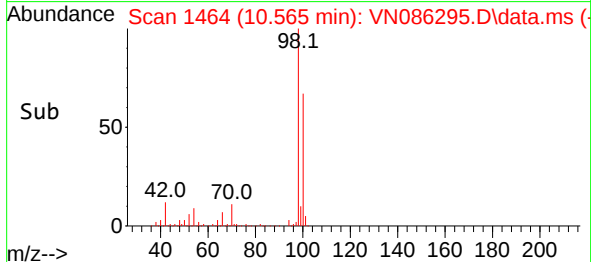
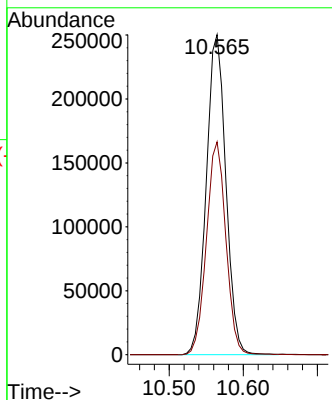
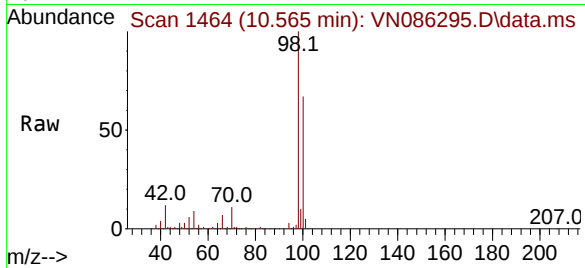




#50
Toluene-d8
Concen: 51.283 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

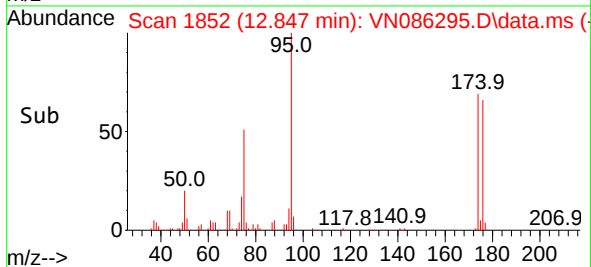
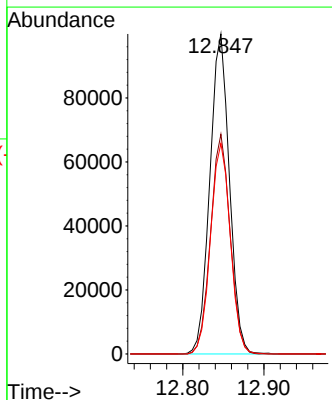
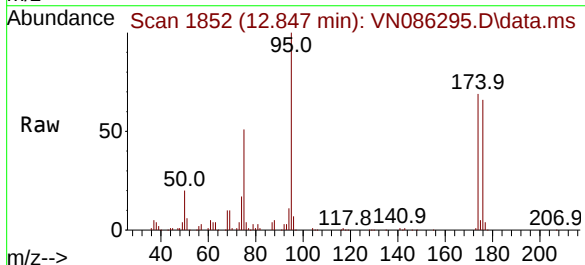
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

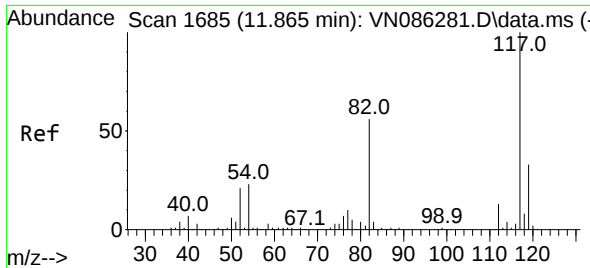
Tgt Ion: 98 Resp: 459007
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 95 Resp: 167350
Ion Ratio Lower Upper
95 100
174 68.7 0.0 133.4
176 66.4 0.0 129.2

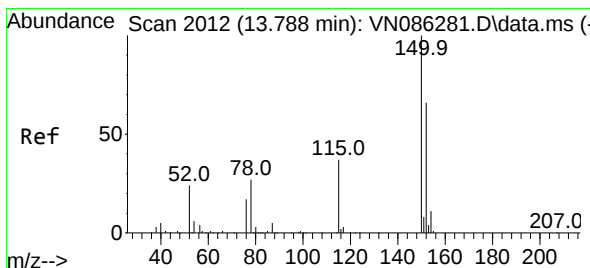
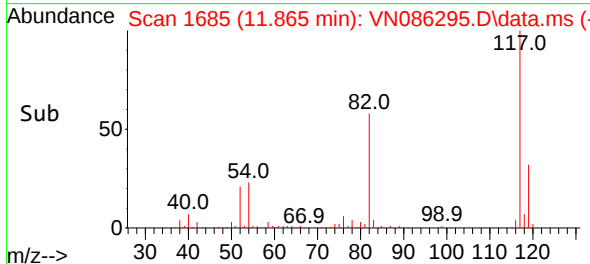
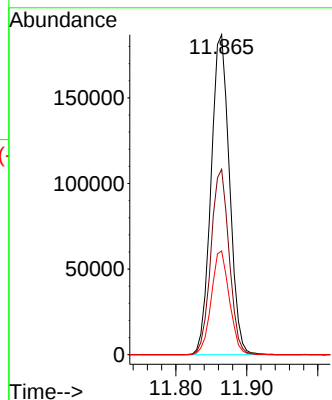
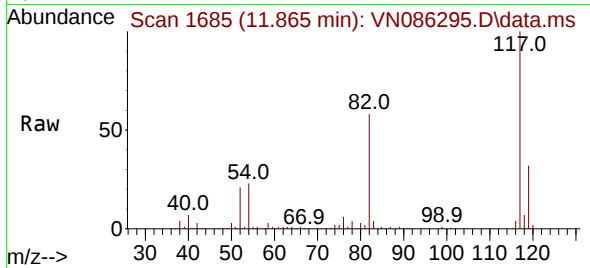




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

Tgt Ion:117 Resp: 336378
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 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: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion:152 Resp: 145687
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.9
150 157.6 0.0 352.0

