

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083346.D
 Acq On : 16 Aug 2024 11:52
 Operator : JC\MD
 Sample : VN0816WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01

Quant Time: Aug 17 01:42:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102266	56.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.320%
35) Dibromofluoromethane	8.165	113	81752	52.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.565	98	310957	53.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.847	95	125897	55.508	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.020%

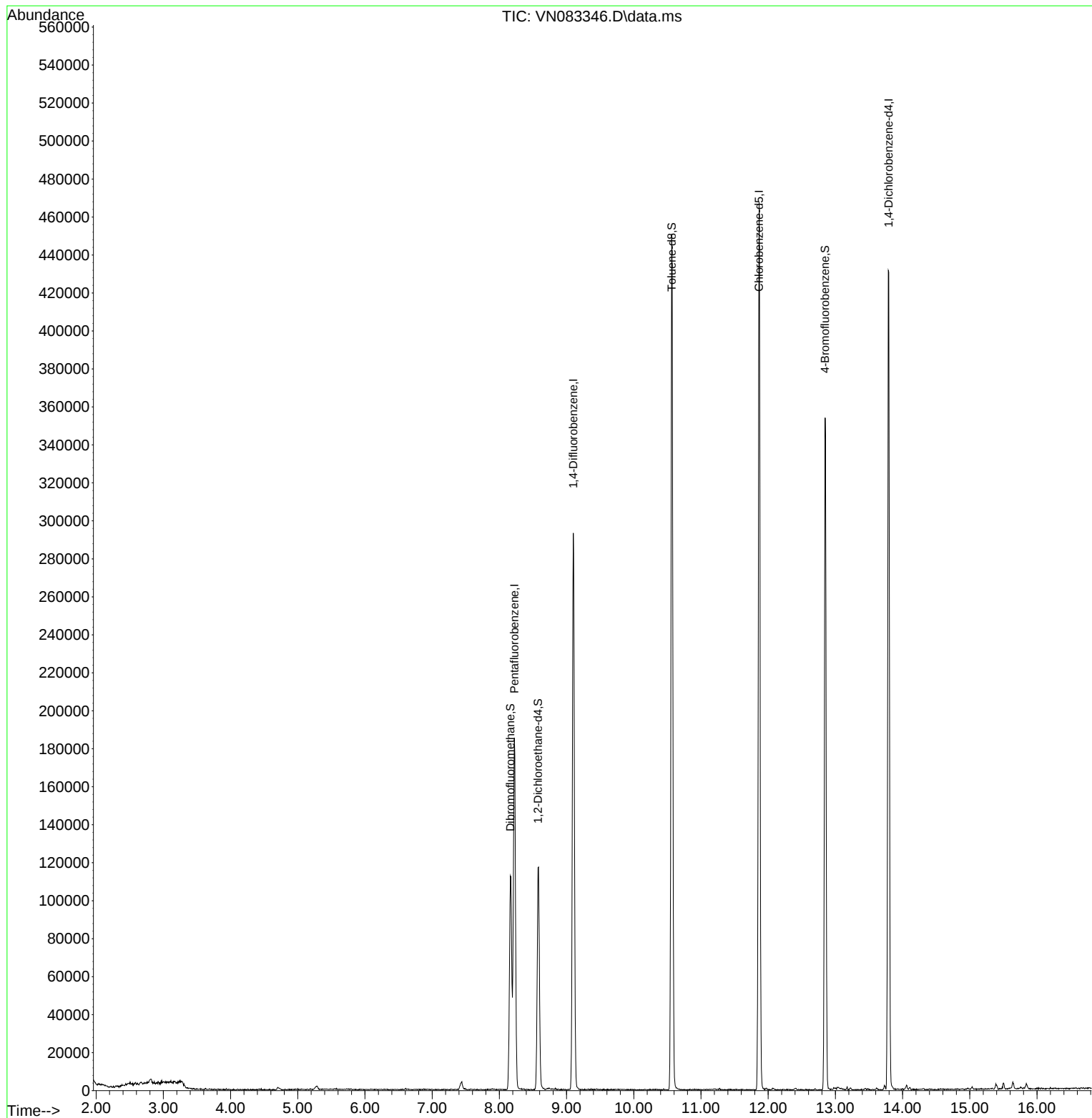
Target Compounds	Qvalue

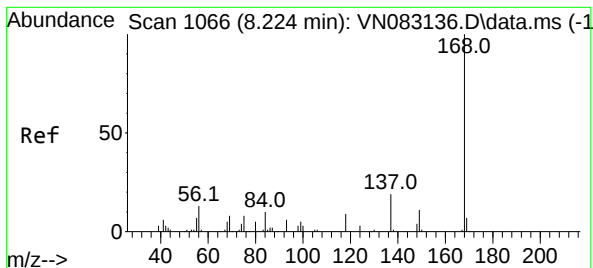
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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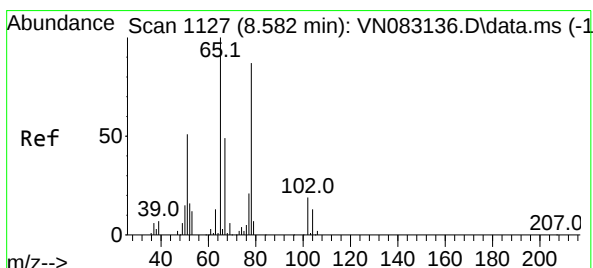
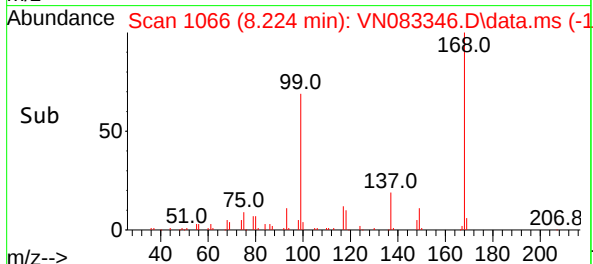
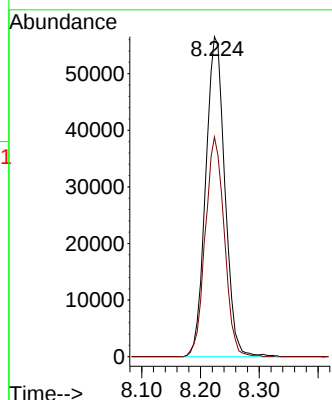
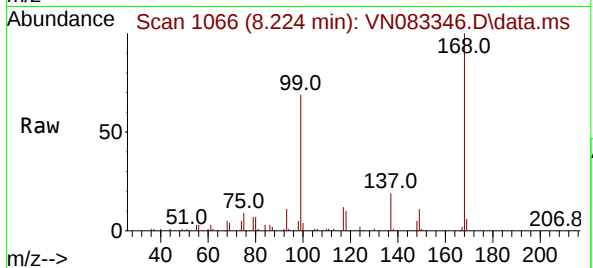




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

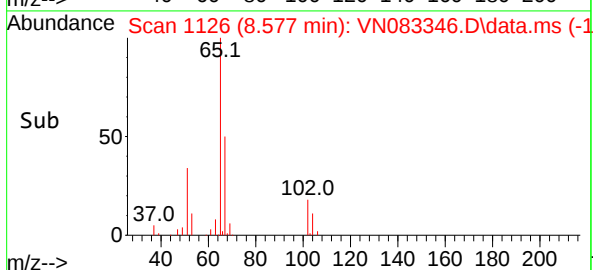
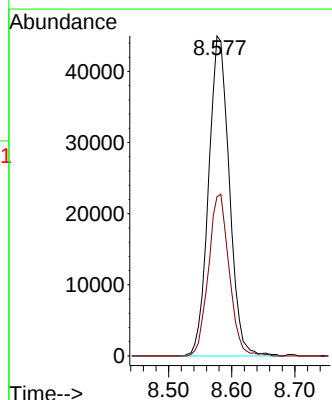
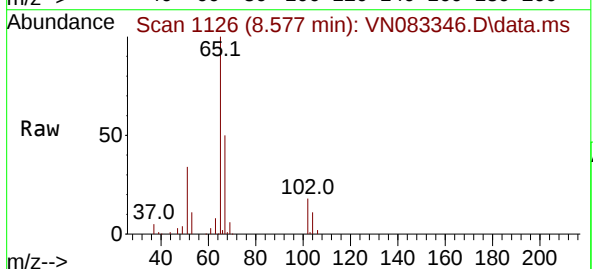
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:168 Resp: 127935
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.159 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

Tgt Ion: 65 Resp: 102266
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

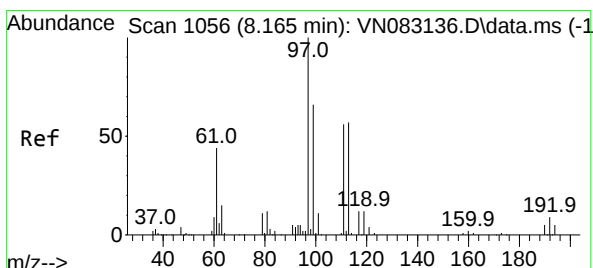
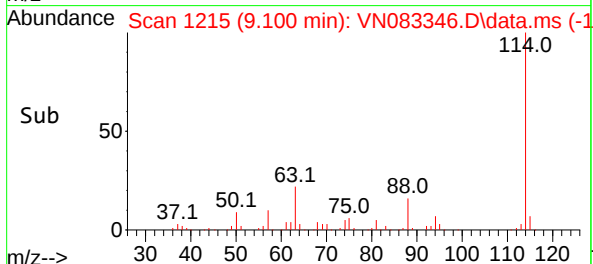
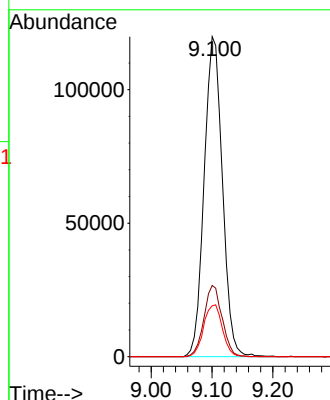
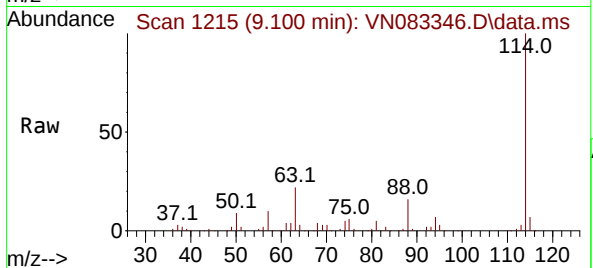




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

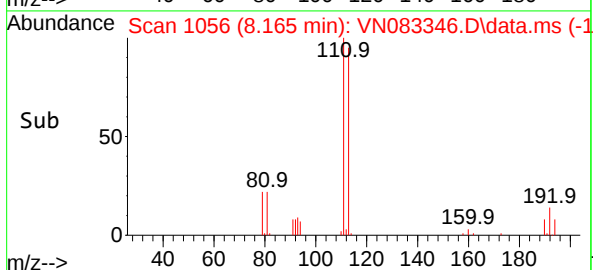
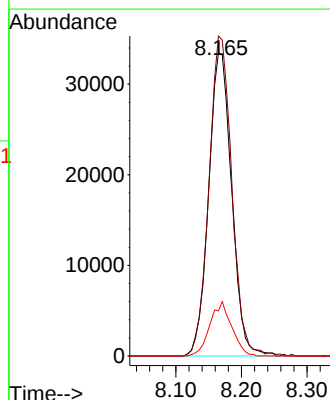
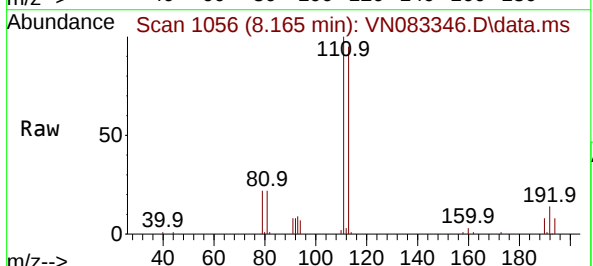
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:114 Resp: 249866
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.418 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

Tgt Ion:113 Resp: 81752
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 16.9 14.9 22.3

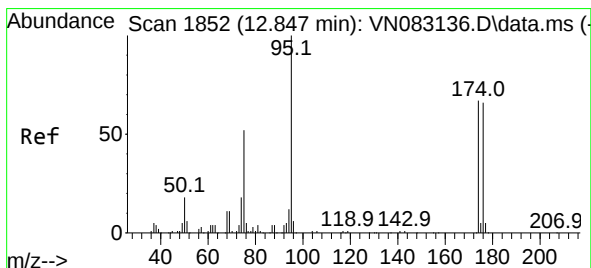
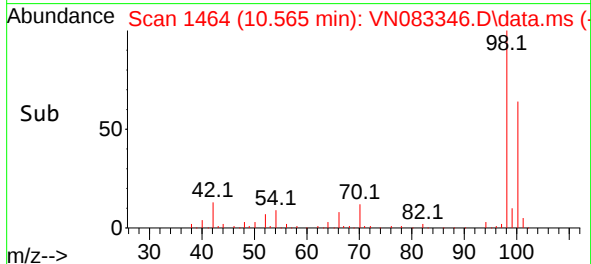
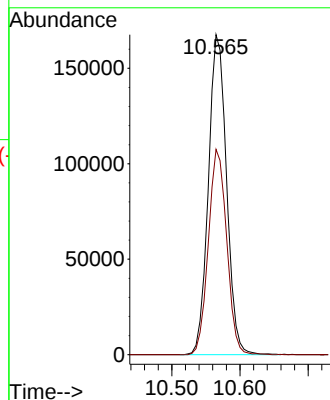
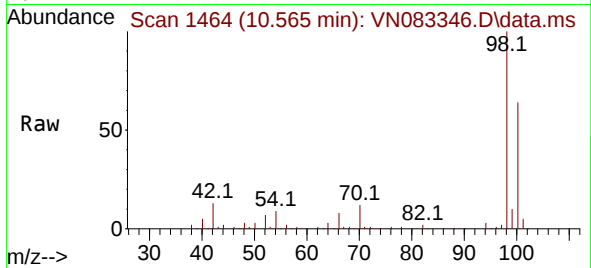




#50
Toluene-d8
Concen: 53.450 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

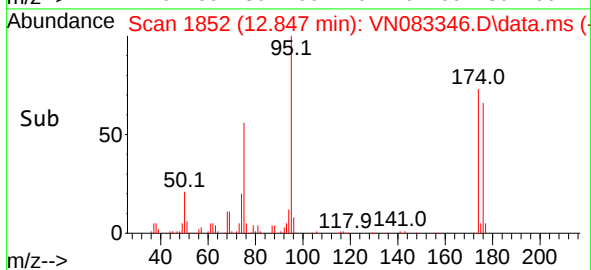
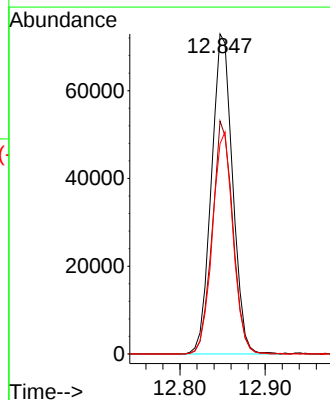
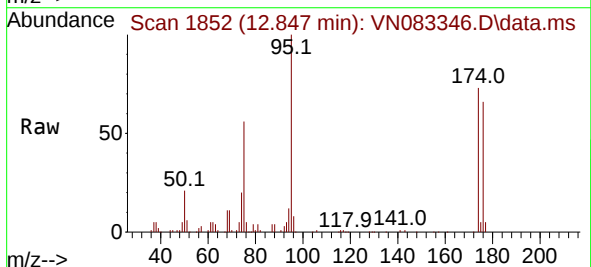
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

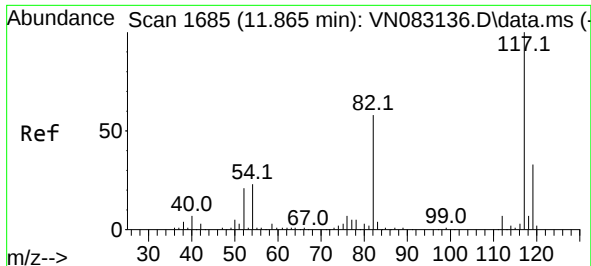
Tgt Ion: 98 Resp: 310957
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

Tgt Ion: 95 Resp: 125897
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.2
176 67.5 0.0 147.6

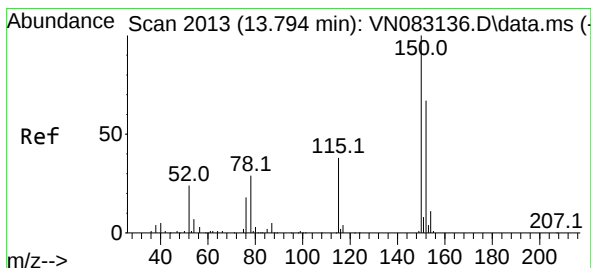
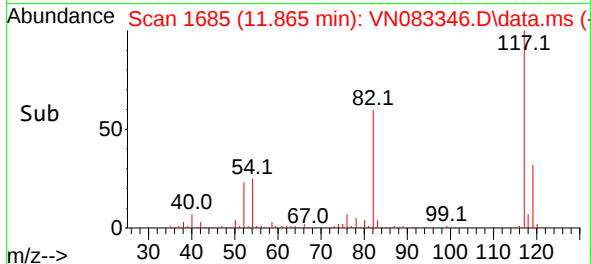
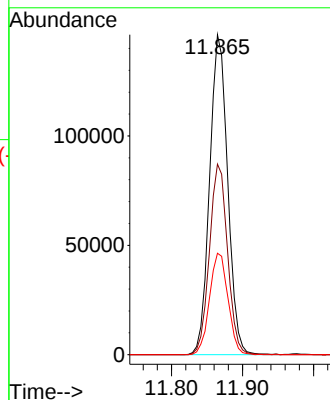
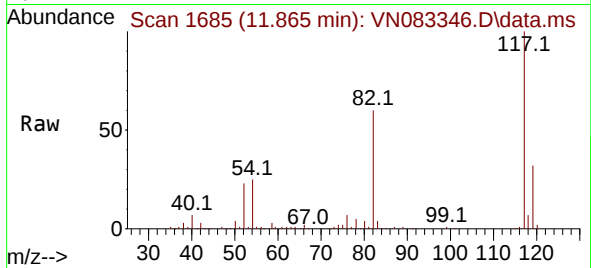




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:117 Resp: 257817
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083346.D
Acq: 16 Aug 2024 11:52

Tgt Ion:152 Resp: 114934
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 157.7 0.0 348.6

