

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083198.D
 Acq On : 10 Aug 2024 11:10
 Operator : JC\MD
 Sample : VN0810WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBL01

Quant Time: Aug 12 01:46:31 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	165059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118771	50.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.165	113	84047	47.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	10.565	98	302903	45.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.847	95	111783	43.140	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.280%

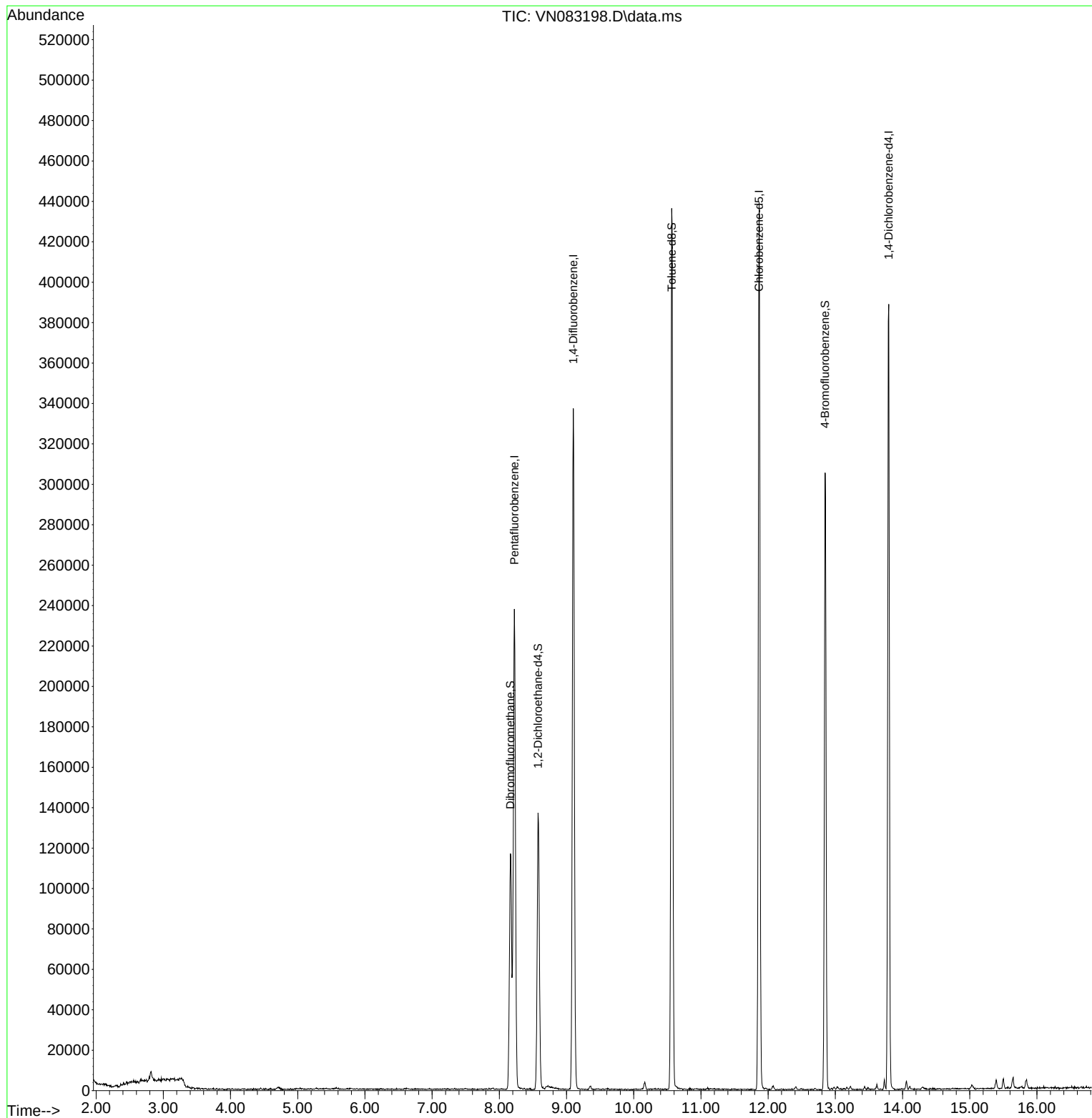
Target Compounds	Qvalue

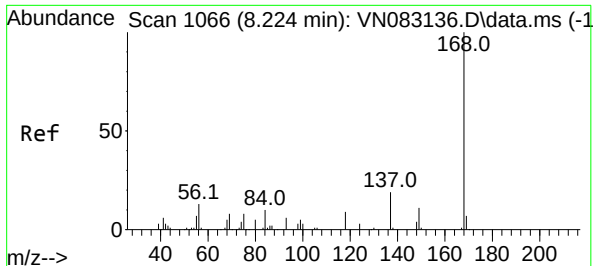
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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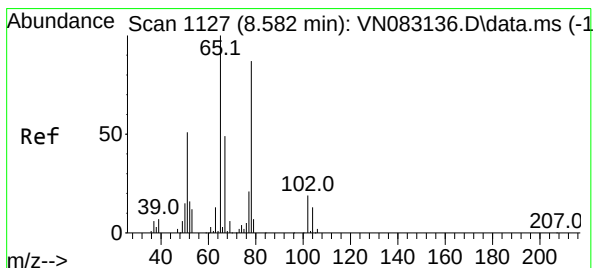
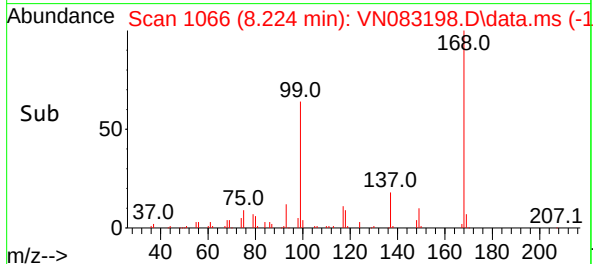
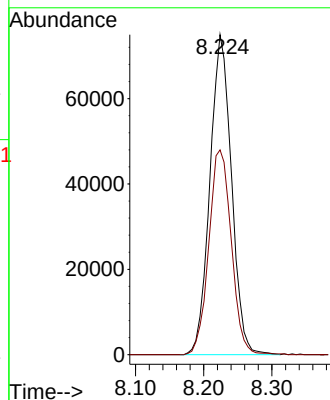
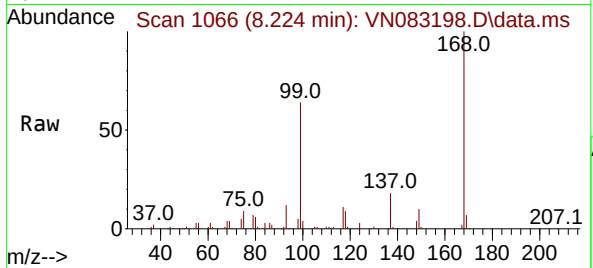




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

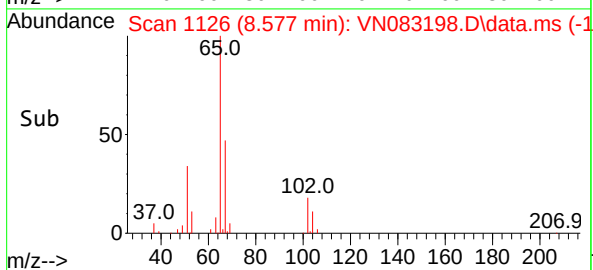
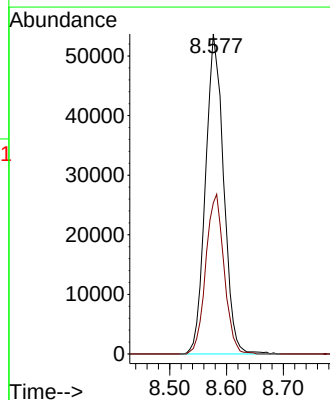
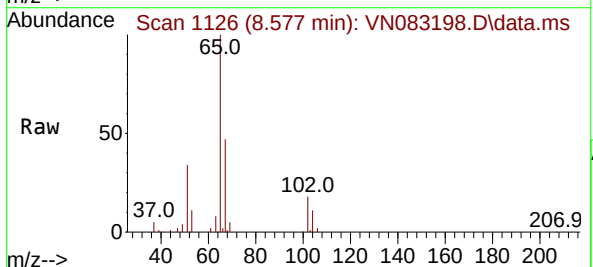
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL01

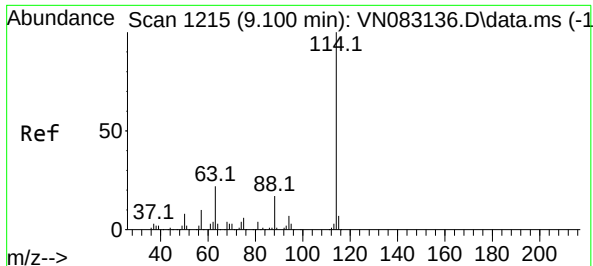
Tgt Ion:168 Resp: 165059
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.553 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 65 Resp: 118771
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

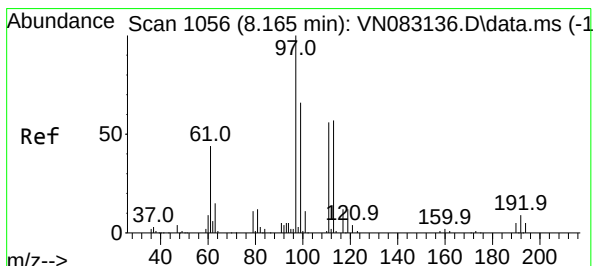
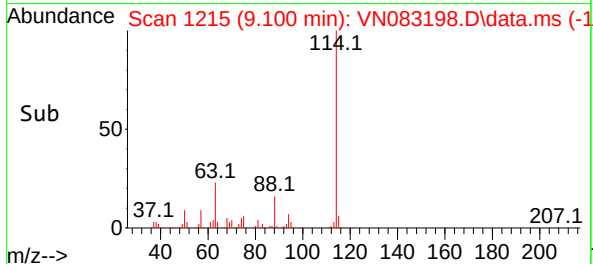
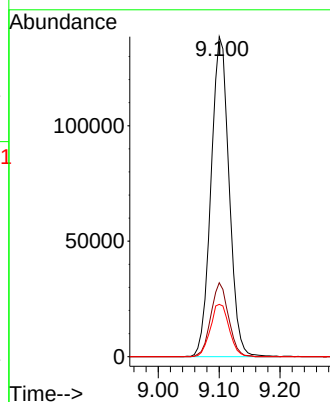
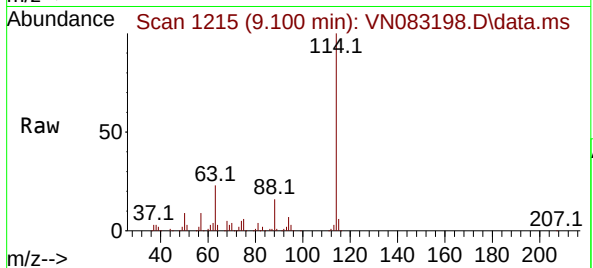




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

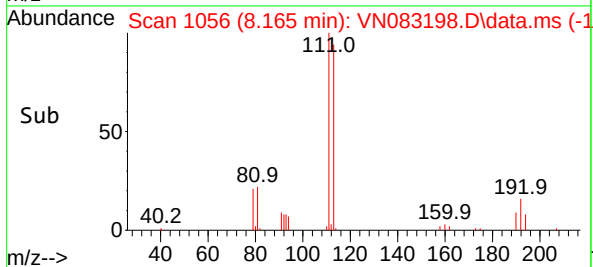
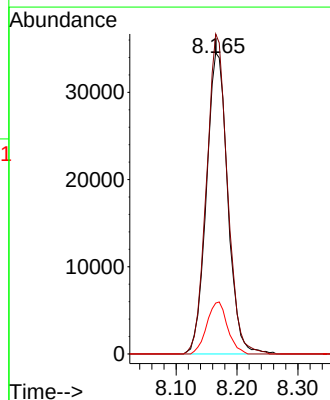
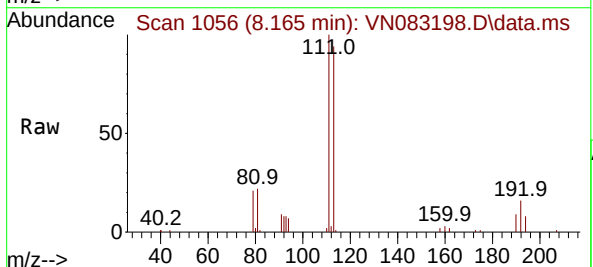
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL01

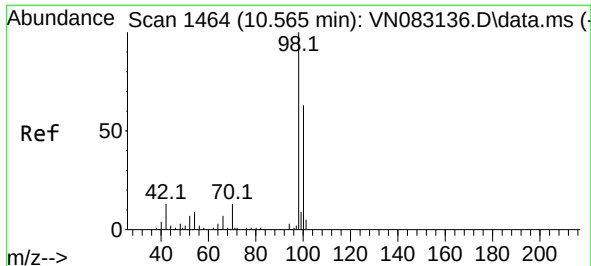
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	44.6
88	16.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 47.170 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	16.7	14.9	22.3

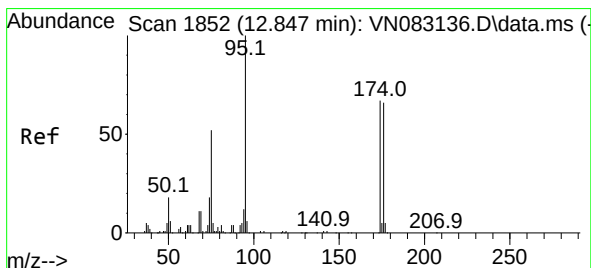
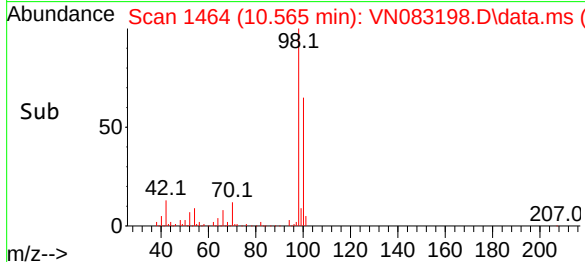
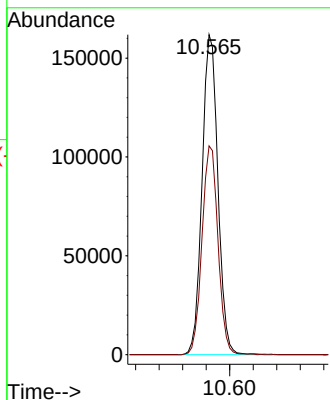
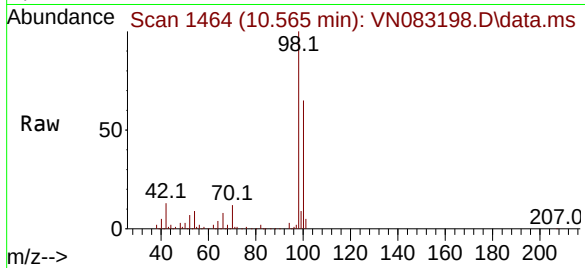




#50
Toluene-d8
Concen: 45.574 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

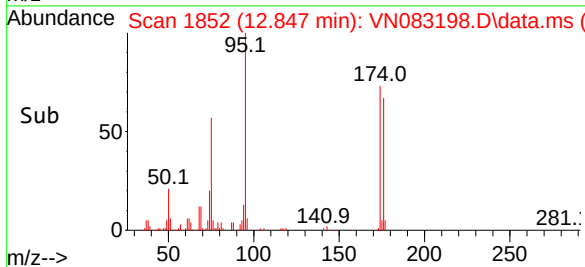
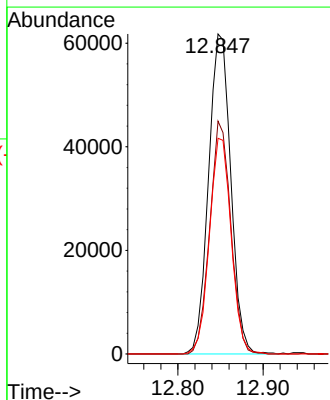
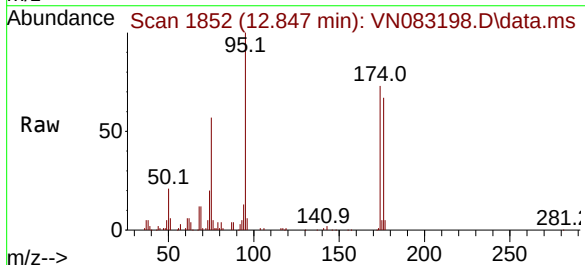
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL01

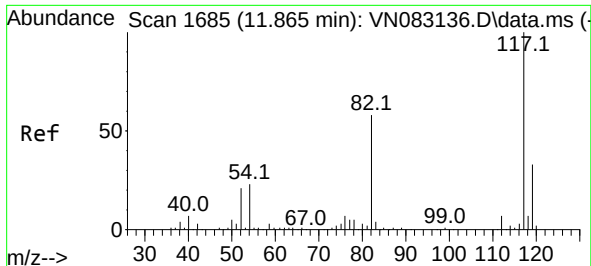
Tgt Ion: 98 Resp: 302903
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 95 Resp: 111783
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 66.0 0.0 147.6

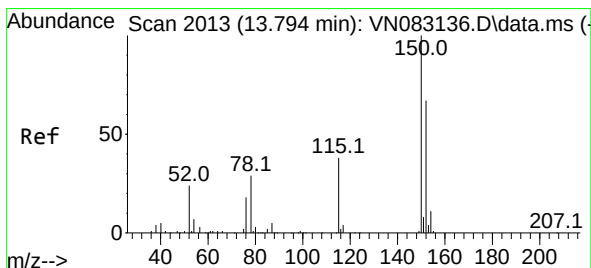
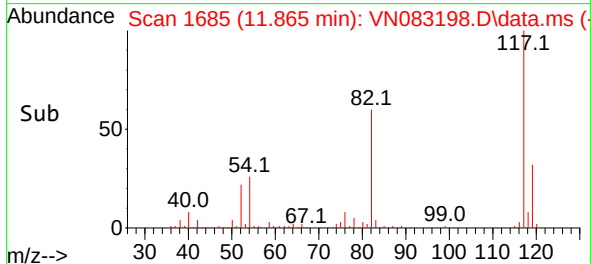
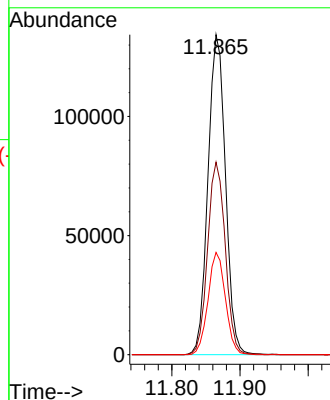
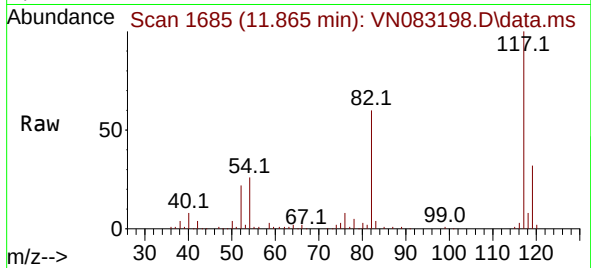




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL01

Tgt Ion:117 Resp: 240025
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.0 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: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion:152 Resp: 101495
Ion Ratio Lower Upper
152 100
115 65.0 30.6 91.6
150 159.2 0.0 348.6

