

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083728.D
 Acq On : 09 Sep 2024 19:48
 Operator : JC\MD
 Sample : P3841-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-090424

Quant Time: Sep 10 02:16:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	121282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96367	56.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.700%
35) Dibromofluoromethane	8.165	113	78241	51.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	10.565	98	272905	46.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.847	95	129422	59.110	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.220%

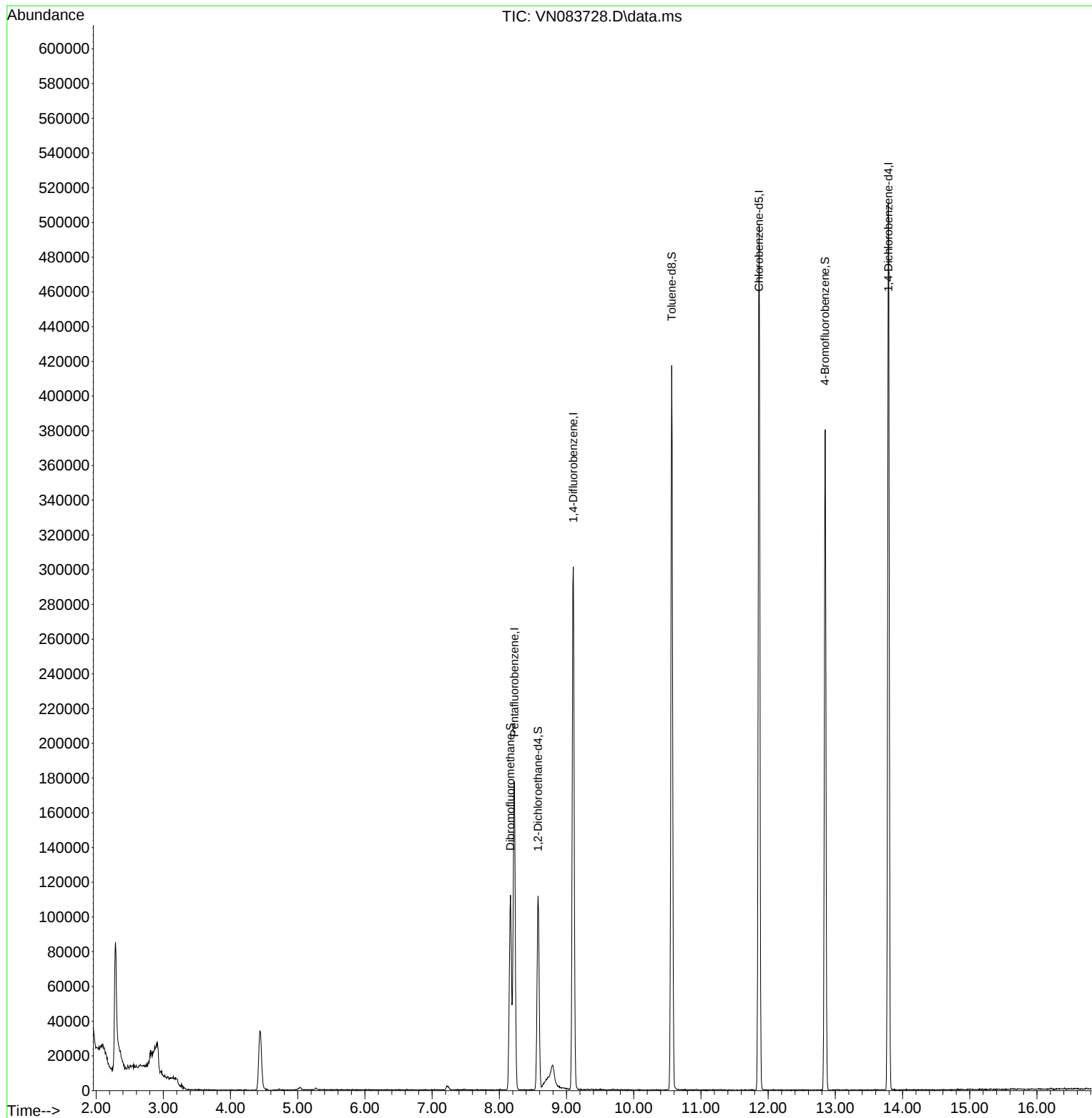
Target Compounds	Qvalue

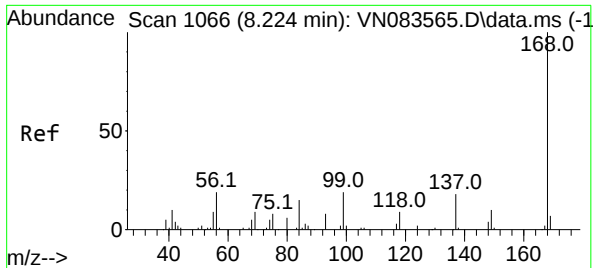
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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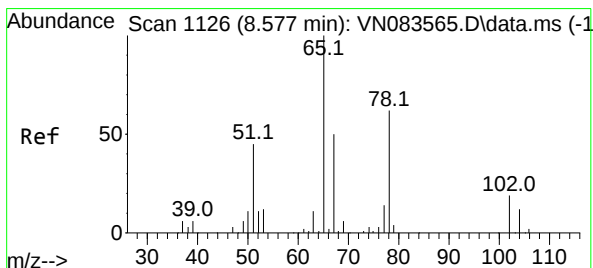
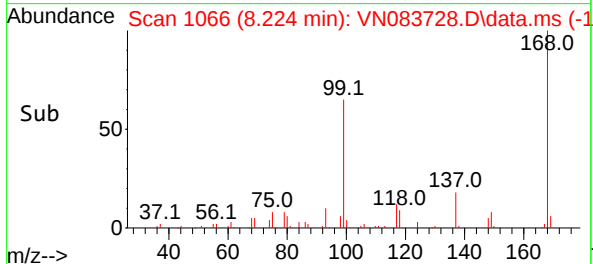
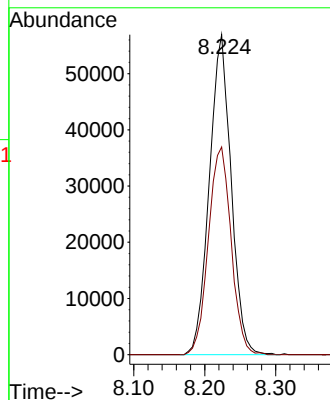
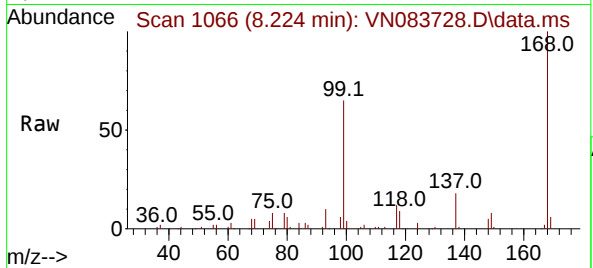




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

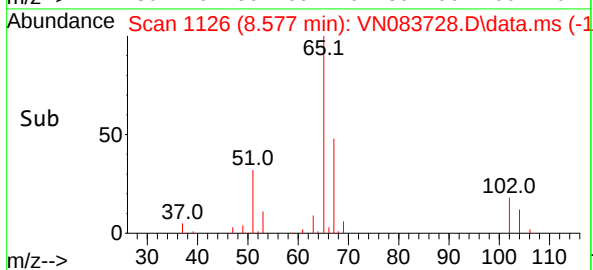
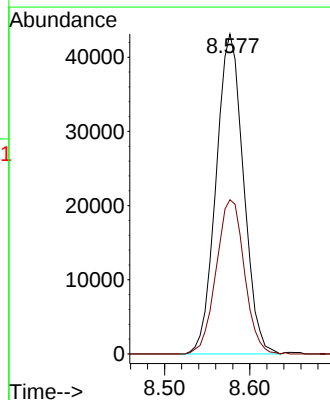
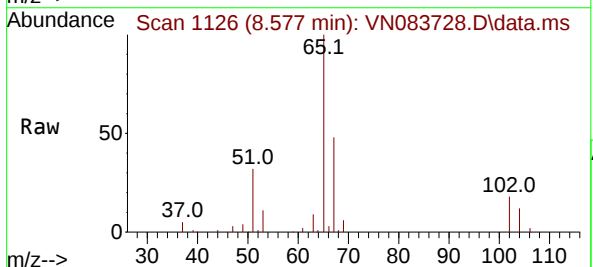
Instrument :
MSVOA_N
ClientSampleId :
TB01-090424

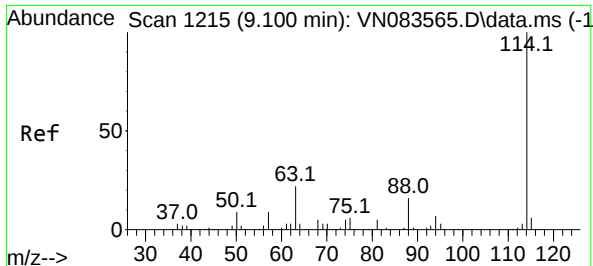
Tgt Ion:168 Resp: 121282
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.853 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 65 Resp: 96367
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

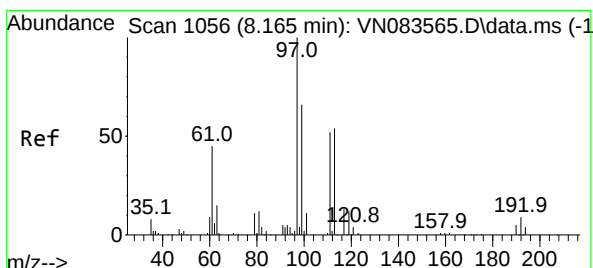
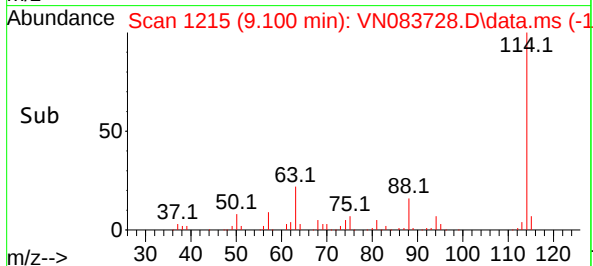
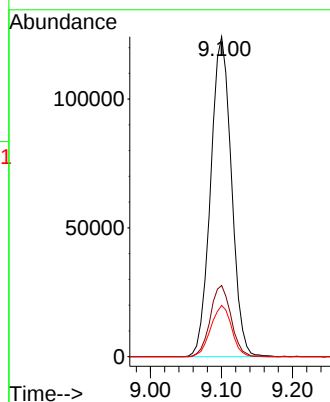
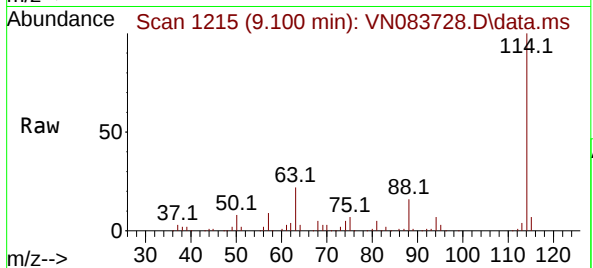




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

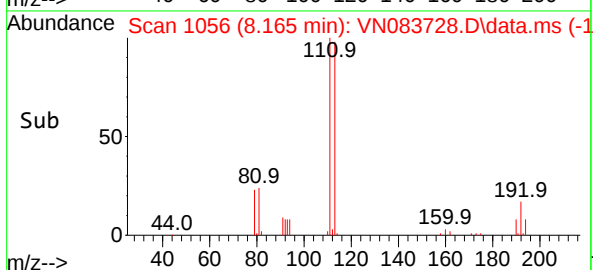
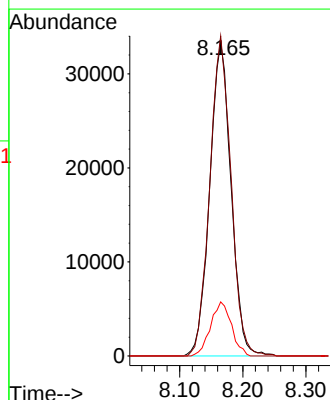
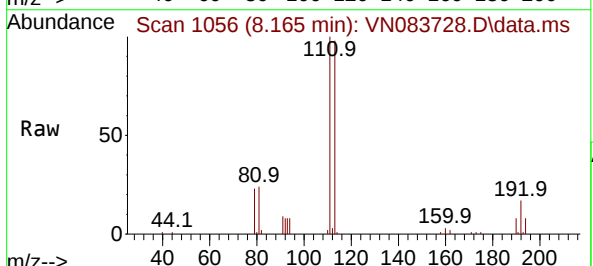
Instrument :
MSVOA_N
ClientSampleId :
TB01-090424

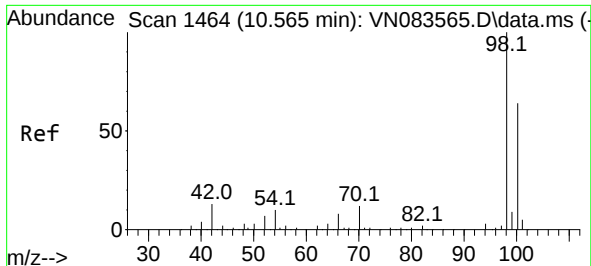
Tgt Ion:	114	Resp:	252173
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	43.4
88	16.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.550 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion:	113	Resp:	78241
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.6	124.0
192	16.9	14.3	21.5

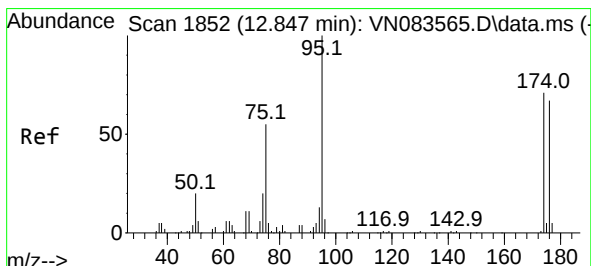
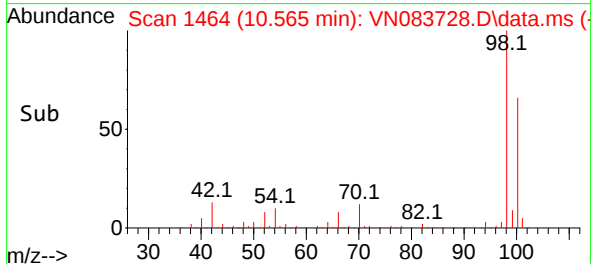
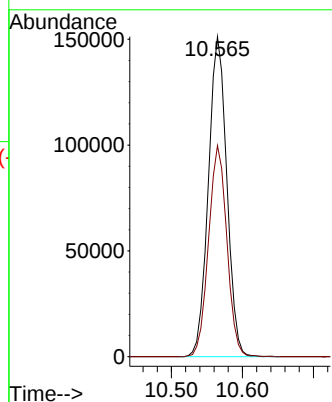
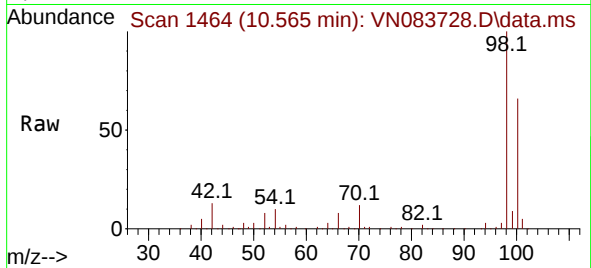




#50
Toluene-d8
Concen: 46.209 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

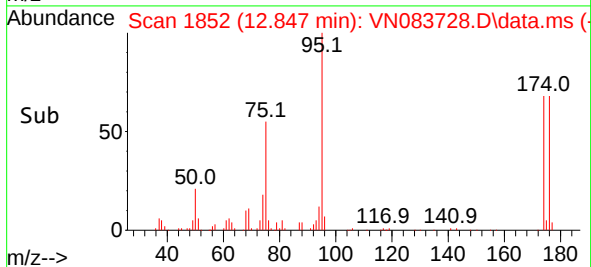
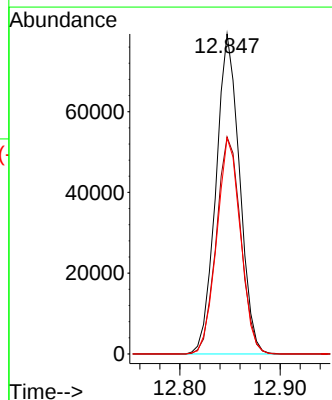
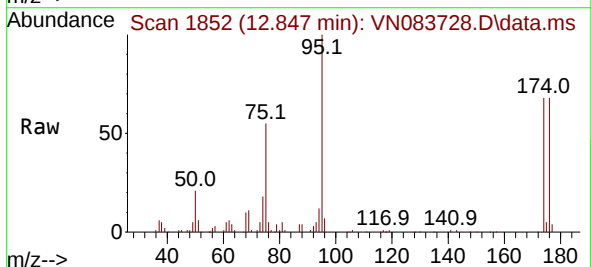
Instrument :
MSVOA_N
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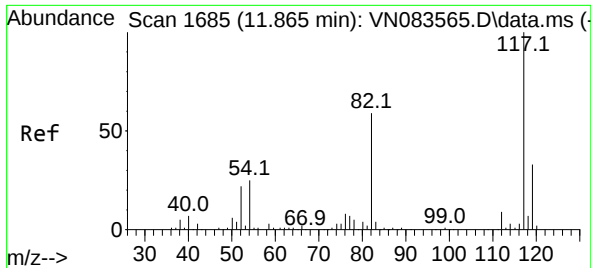
Tgt Ion: 98 Resp: 272905
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.110 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 95 Resp: 129422
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 67.9 0.0 131.4

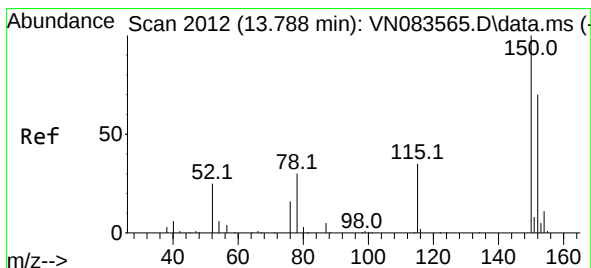
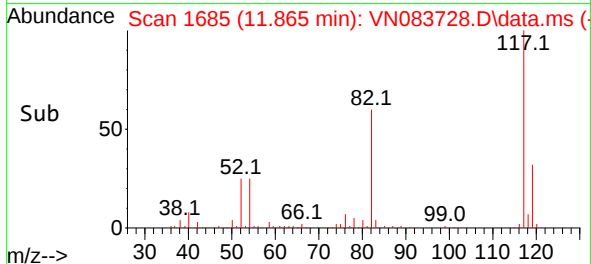
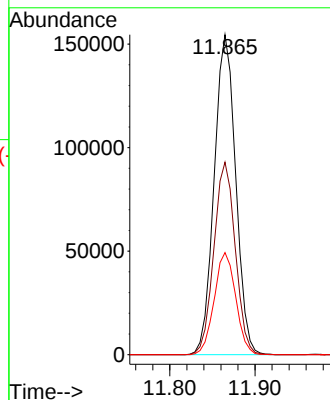
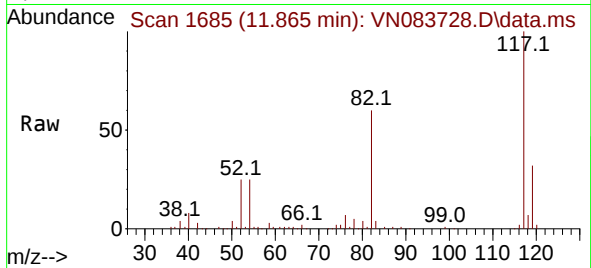




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :
TB01-090424

Tgt Ion:117 Resp: 271034
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion:152 Resp: 128565
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 158.6 0.0 348.6

