

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083387.D
 Acq On : 19 Aug 2024 21:07
 Operator : JC\MD
 Sample : P3663-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-04-081624

Quant Time: Aug 20 04:52:29 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	8.229	168	131650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102361	54.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.240%	
35) Dibromofluoromethane	8.171	113	81848	50.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	10.570	98	303927	50.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.847	95	123075	52.365	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.740%	

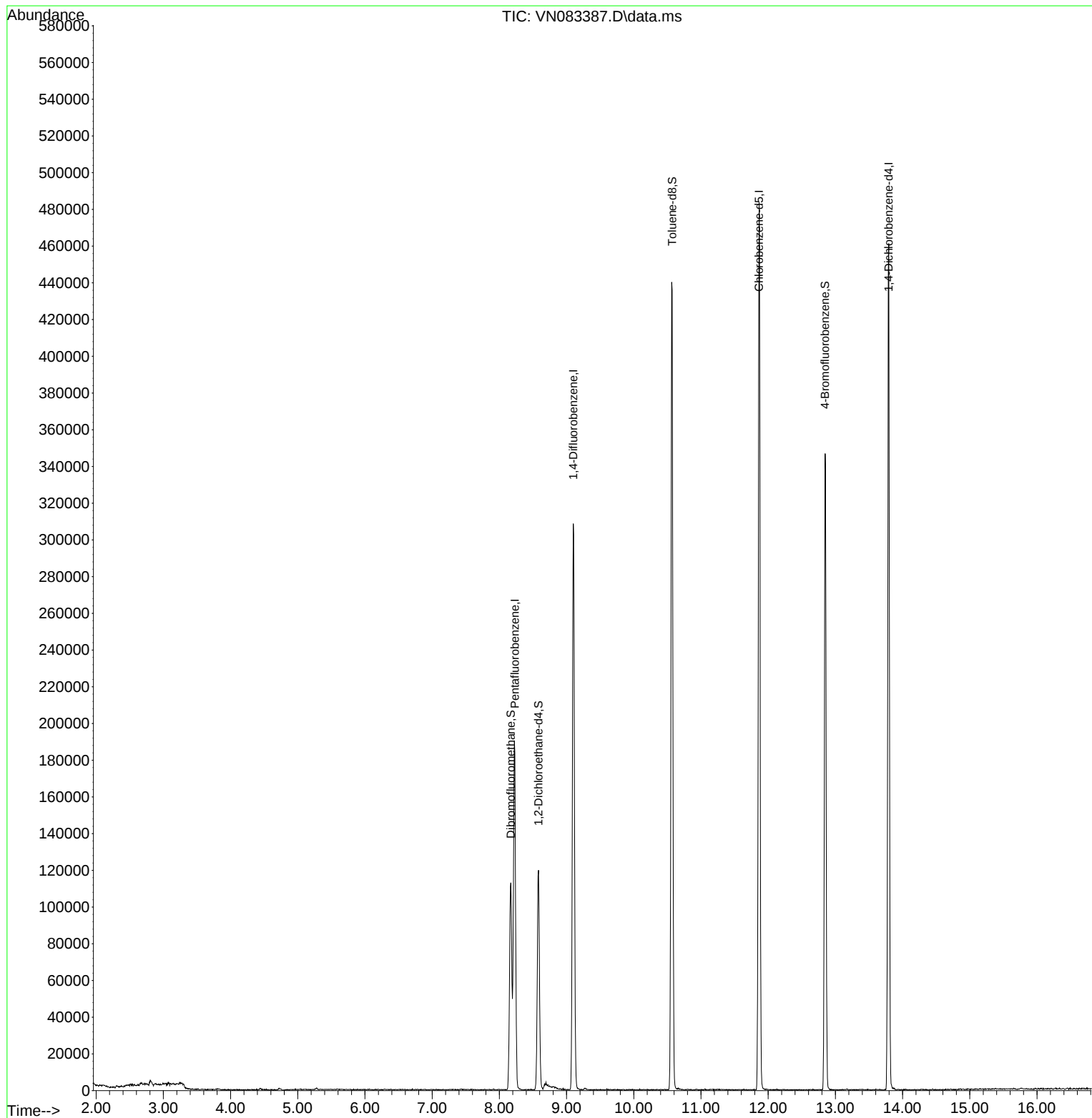
Target Compounds	Qvalue

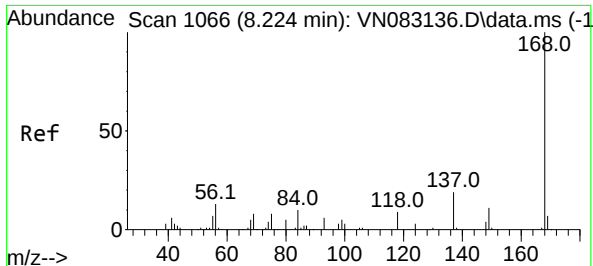
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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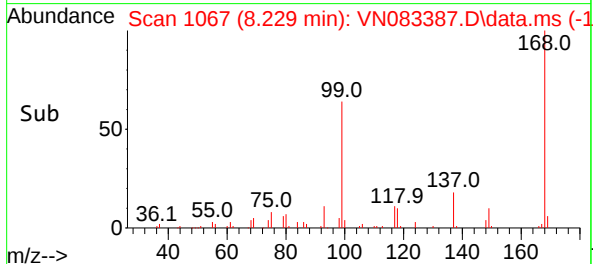
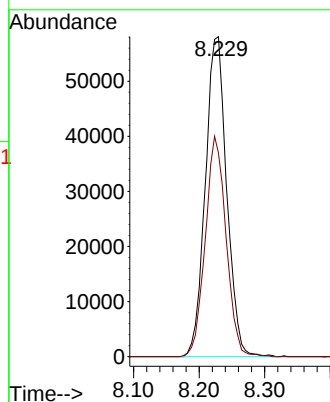
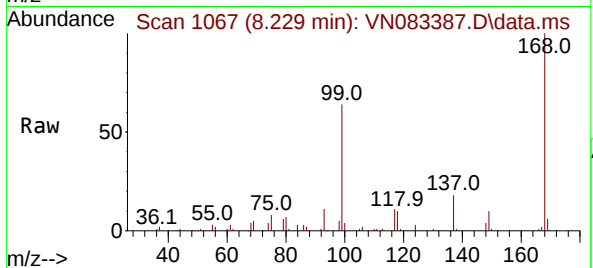




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

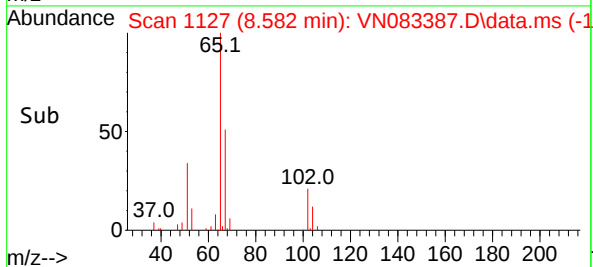
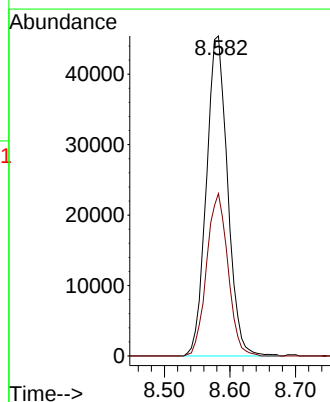
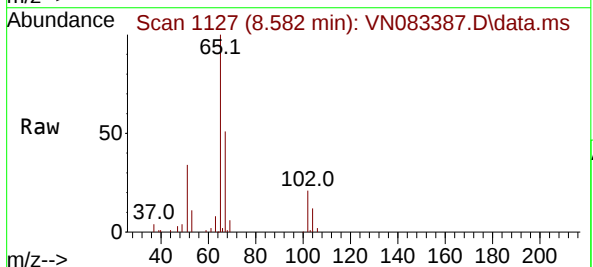
Instrument :
MSVOA_N
ClientSampleId :
TB-04-081624

Tgt Ion:168 Resp: 131650
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.625 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

Tgt Ion: 65 Resp: 102361
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

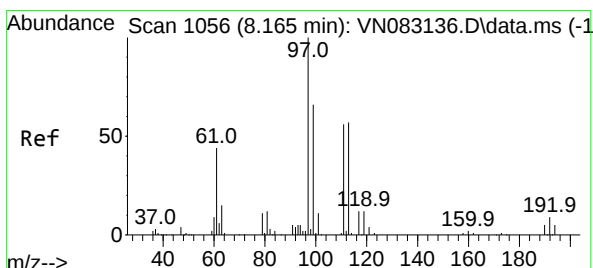
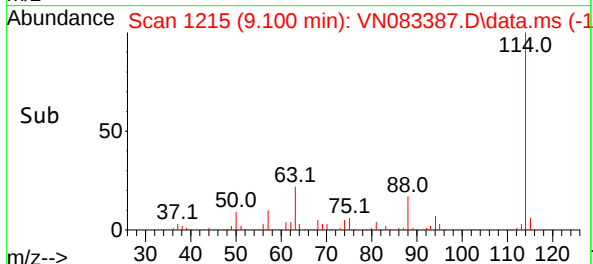
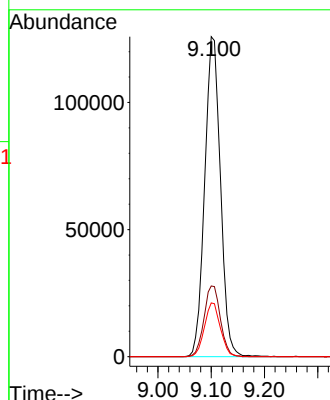
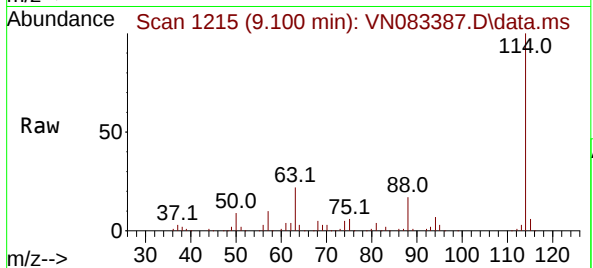




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

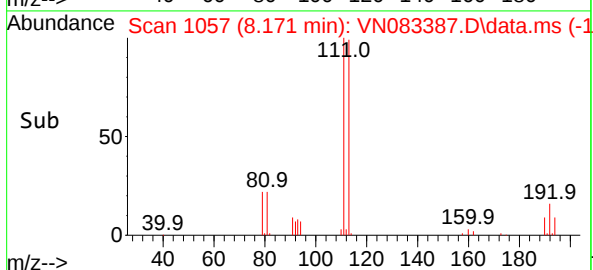
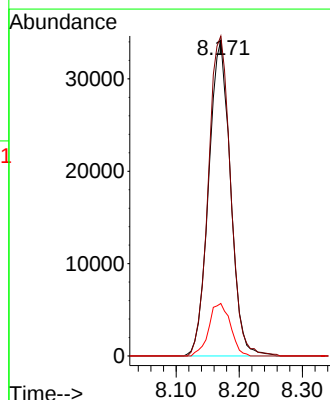
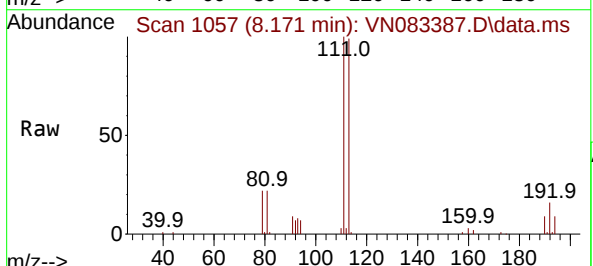
Instrument :
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ClientSampleId :
TB-04-081624

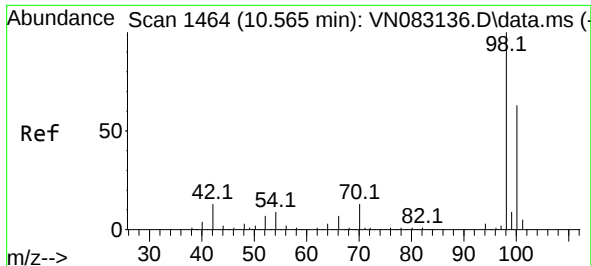
Tgt Ion:114 Resp: 258926
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.643 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

Tgt Ion:113 Resp: 81848
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 16.5 14.9 22.3

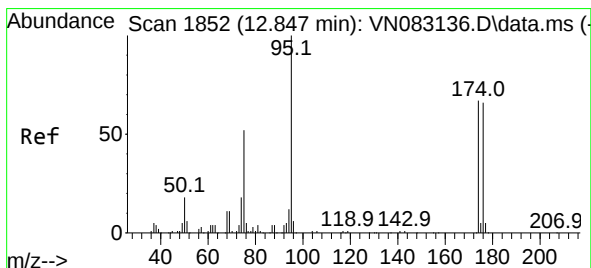
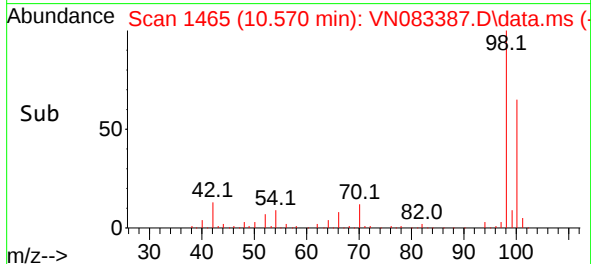
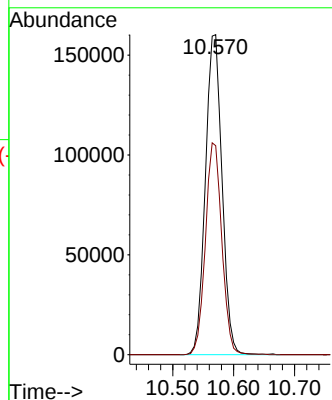
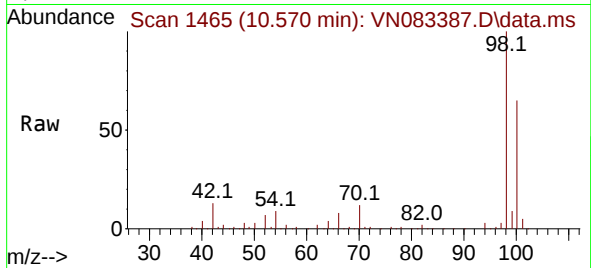




#50
Toluene-d8
Concen: 50.414 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

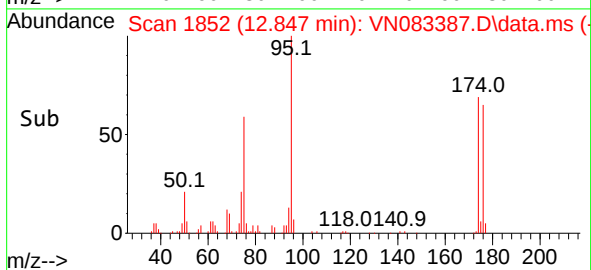
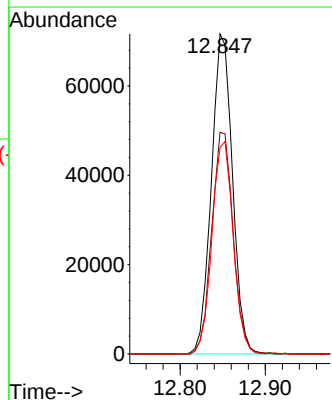
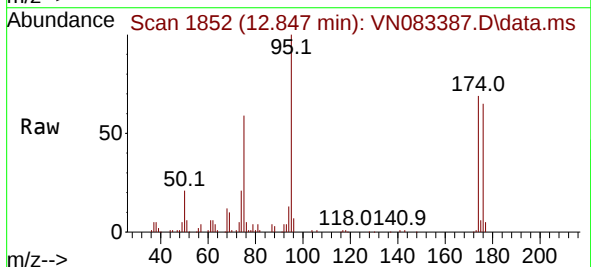
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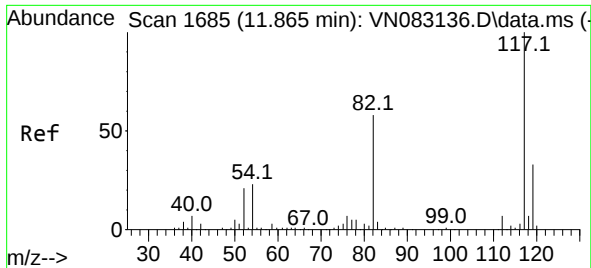
Tgt Ion: 98 Resp: 303927
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 52.365 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

Tgt Ion: 95 Resp: 123075
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.2
176 66.8 0.0 147.6

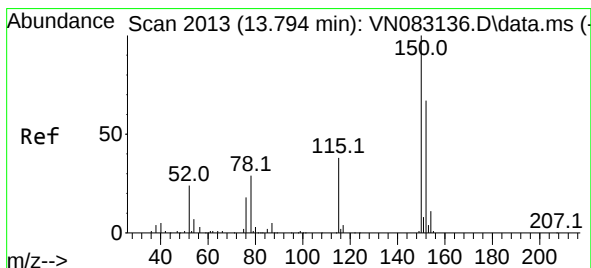
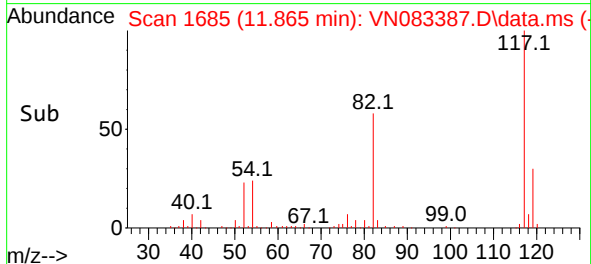
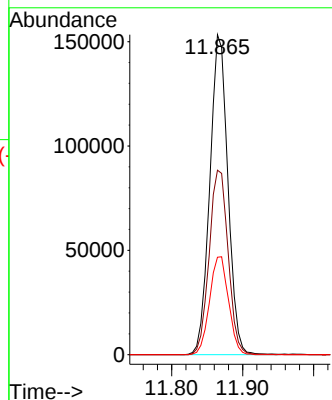
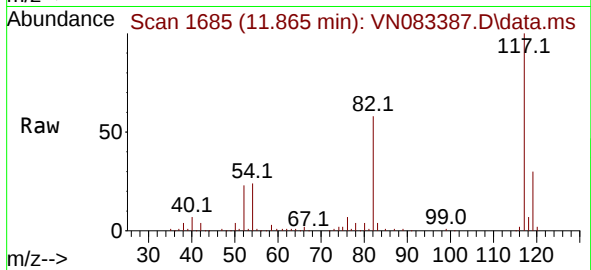




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083387.D
Acq: 19 Aug 2024 21:07

Instrument :
MSVOA_N
ClientSampleId :
TB-04-081624

Tgt Ion:117 Resp: 270980
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 30.5 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: VN083387.D
Acq: 19 Aug 2024 21:07

Tgt Ion:152 Resp: 118236
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 156.0 0.0 348.6

