

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083256.D
 Acq On : 13 Aug 2024 14:31
 Operator : JC\MD
 Sample : P3429-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-073124

Quant Time: Aug 14 01:44:50 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	147065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116829	55.811	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.620%		
35) Dibromofluoromethane	8.171	113	92438	52.060	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.120%		
50) Toluene-d8	10.565	98	352167	53.170	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.340%		
62) 4-Bromofluorobenzene	12.847	95	148227	57.403	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 114.800%		

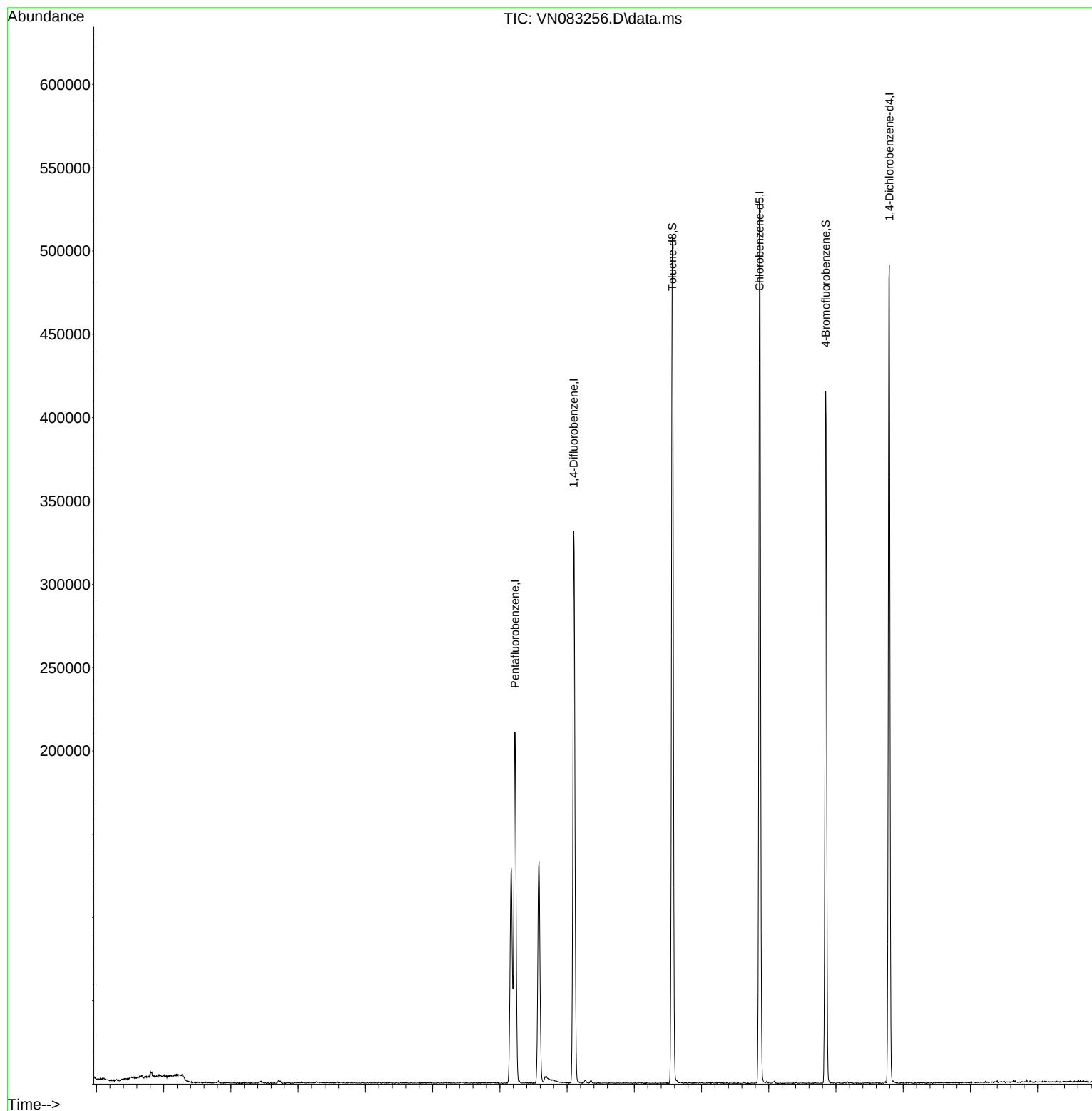
Target Compounds Qvalue

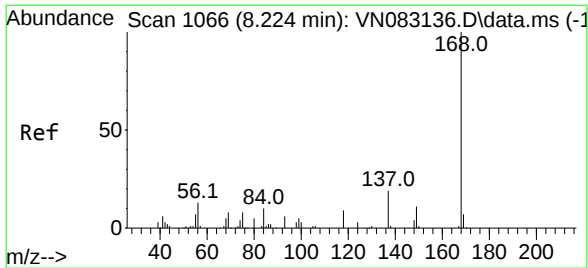
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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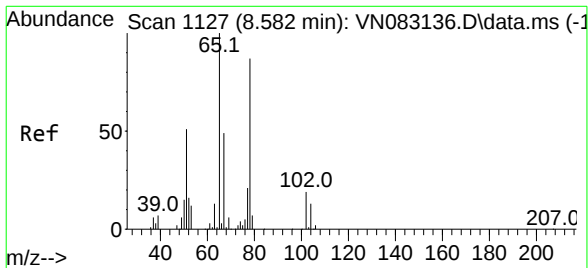
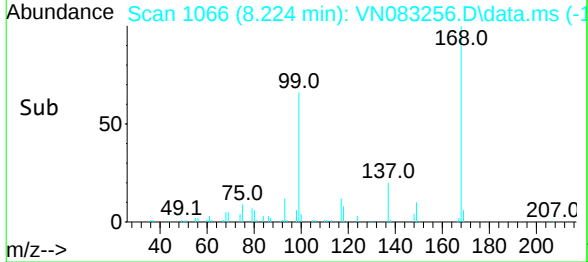
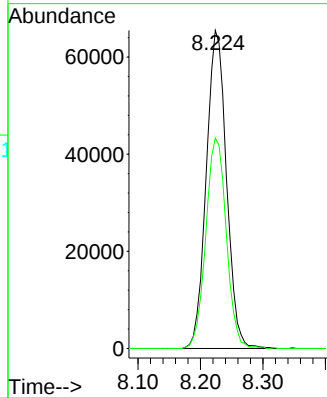
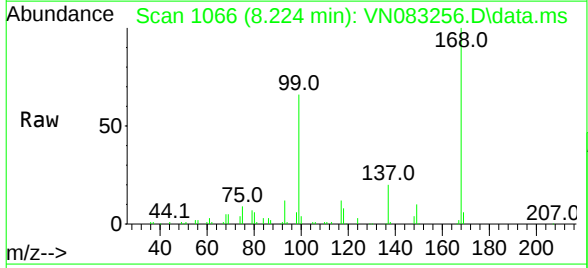




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

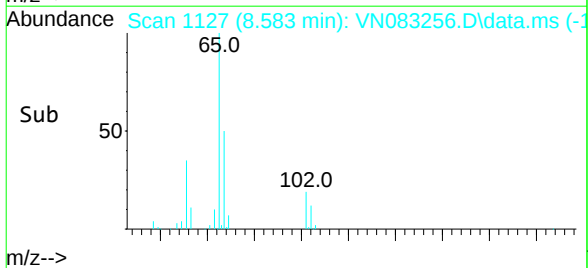
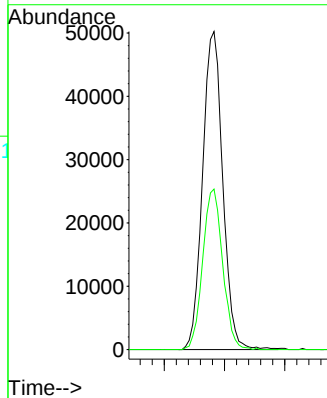
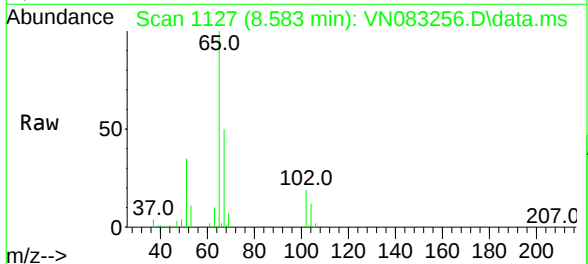
Instrument :
MSVOA_N
ClientSampleId :
TB-01-073124

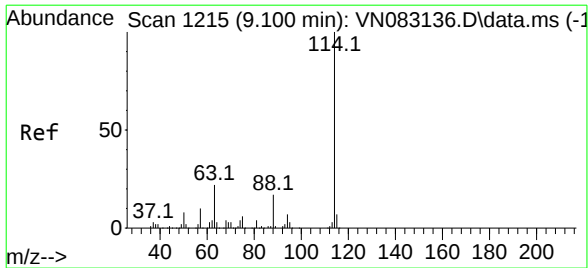
Tgt Ion:168 Resp: 147065
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.811 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion: 65 Resp: 116829
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4

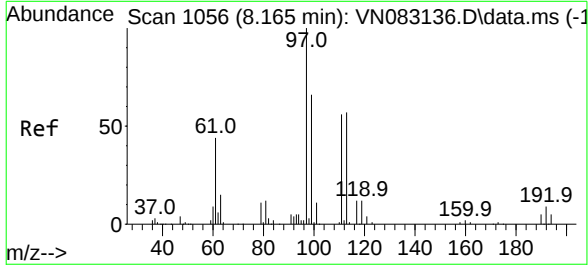
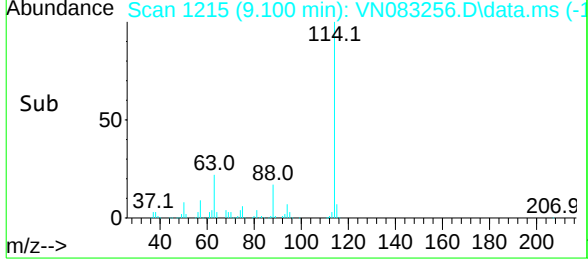
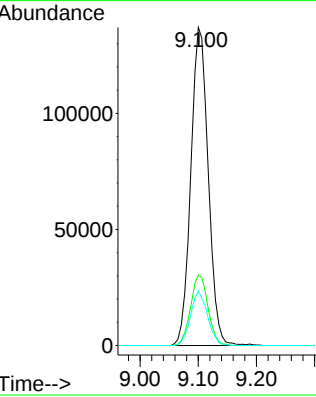
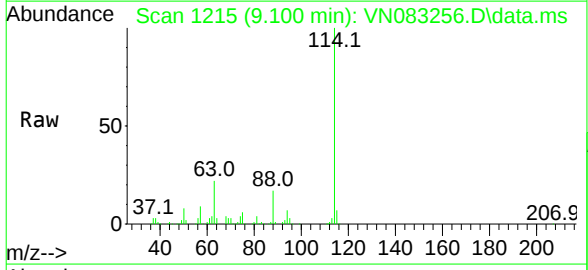




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

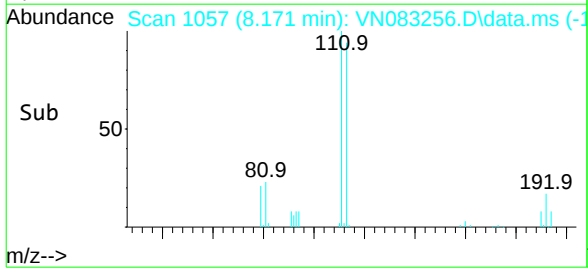
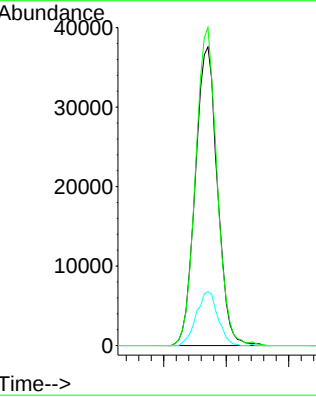
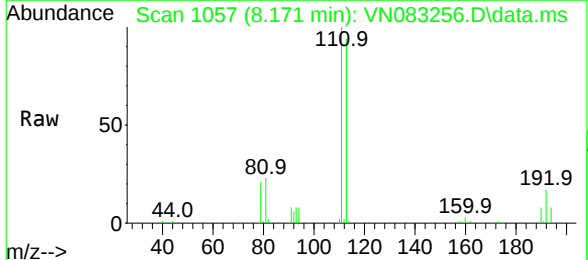
Instrument :
MSVOA_N
ClientSampleId :
TB-01-073124

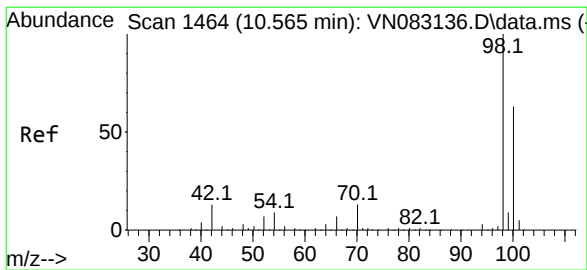
Tgt Ion:	114	Resp:	284471
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.6
88	17.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 52.060 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion:	113	Resp:	92438
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	17.6	14.9	22.3





#50

Toluene-d8

Concen: 53.170 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083256.D

Acq: 13 Aug 2024 14:31

Instrument :

MSVOA_N

ClientSampleId :

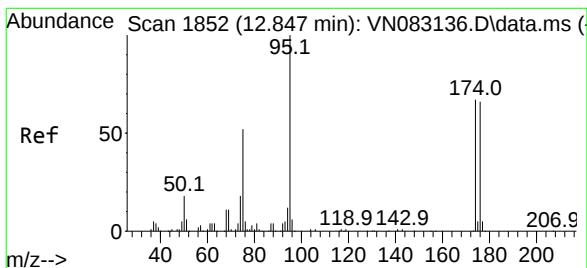
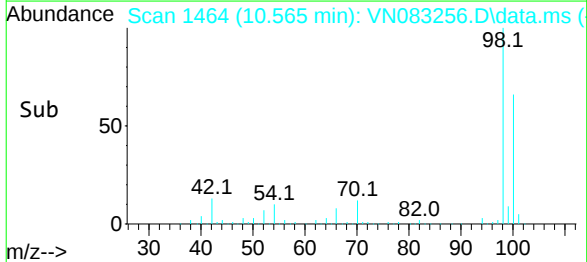
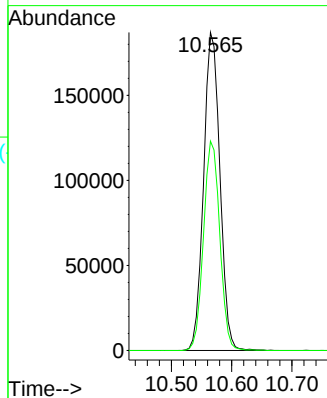
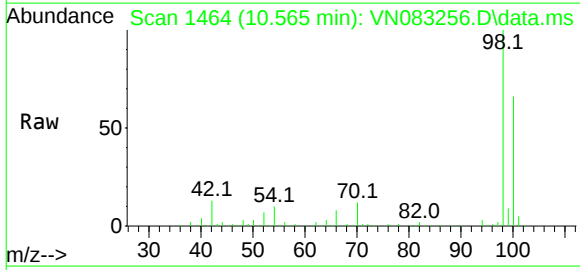
TB-01-073124

Tgt Ion: 98 Resp: 352167

Ion Ratio Lower Upper

98 100

100 65.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 57.403 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083256.D

Acq: 13 Aug 2024 14:31

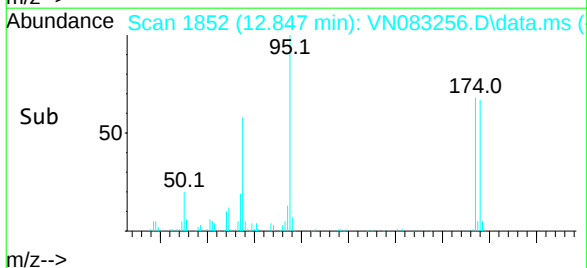
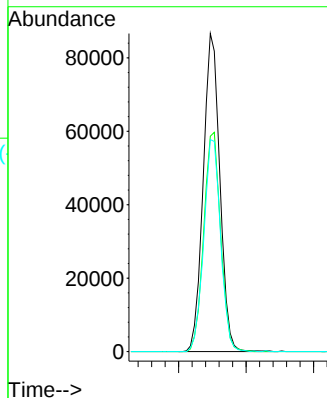
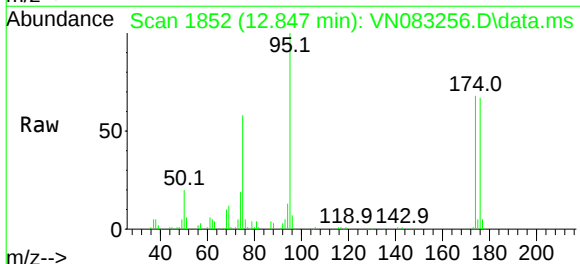
Tgt Ion: 95 Resp: 148227

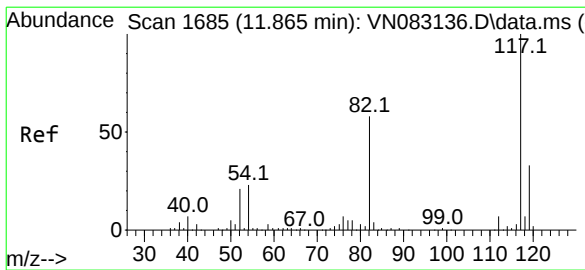
Ion Ratio Lower Upper

95 100

174 70.0 0.0 159.2

176 67.4 0.0 147.6

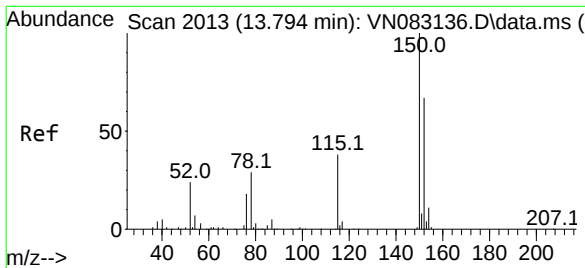
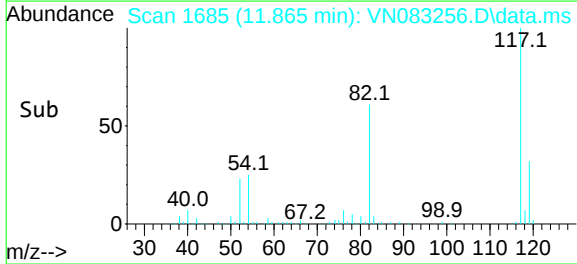
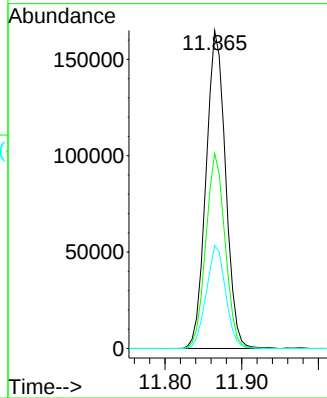
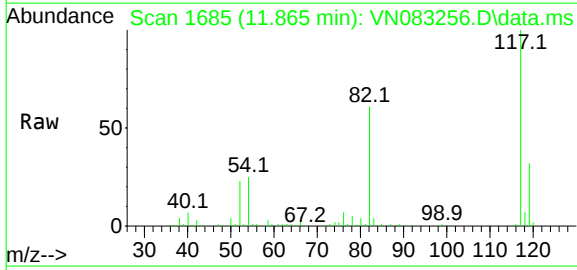




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
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TB-01-073124

Tgt Ion:	117	Resp:	291862
Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.5	71.3
119	32.4	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: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion:	152	Resp:	130851
Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.6	91.6
150	158.5	0.0	348.6

