

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084128.D
 Acq On : 24 Sep 2024 12:43
 Operator : JC\MD
 Sample : P4116-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20240916

Quant Time: Sep 25 01:32:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124011	51.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.171	113	91257	50.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	10.565	98	335538	53.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.847	95	113016	44.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.100%	

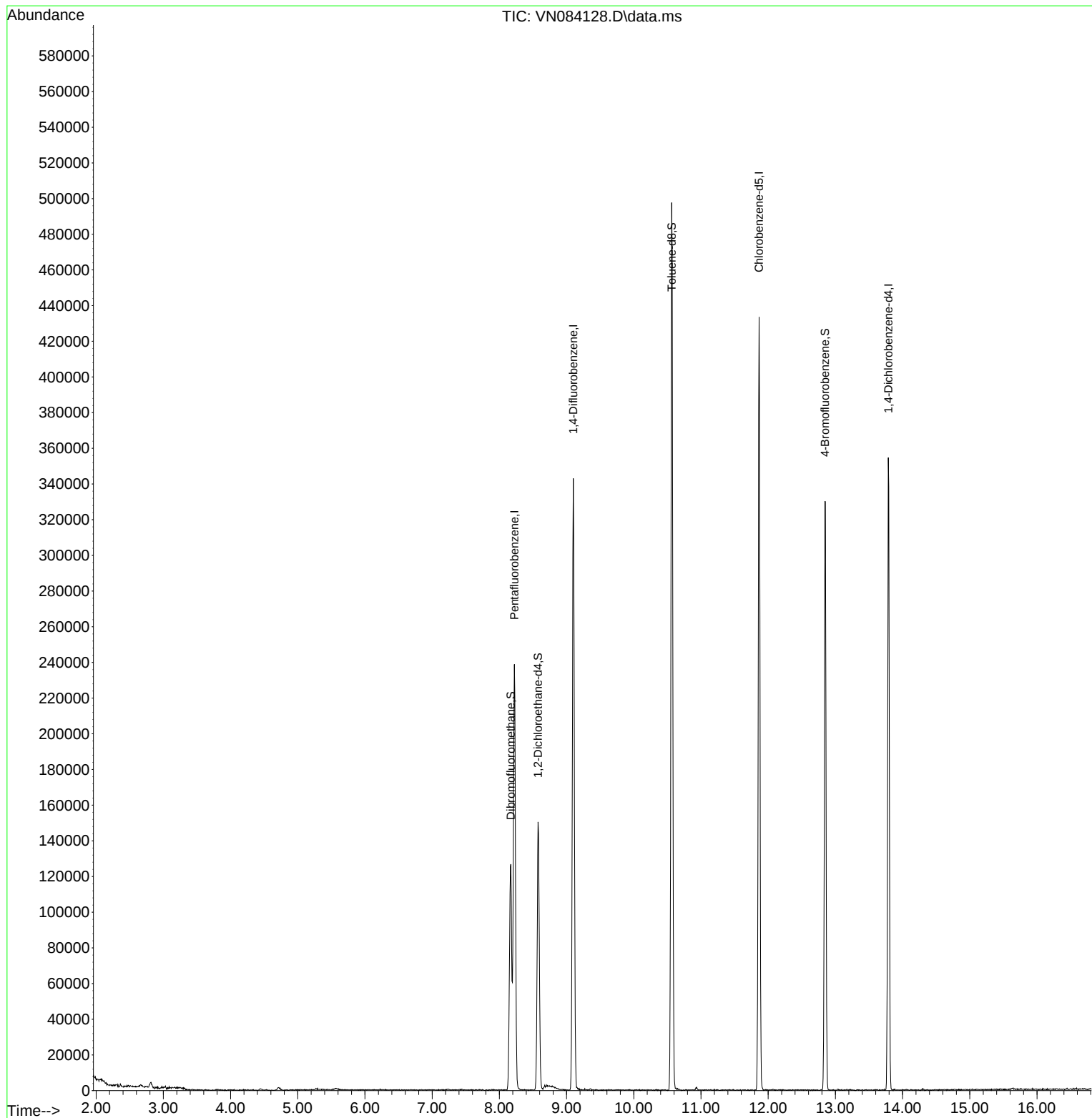
Target Compounds	Qvalue

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

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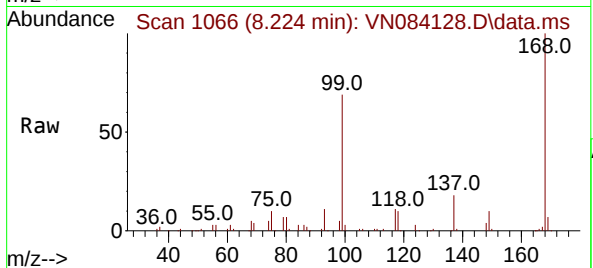
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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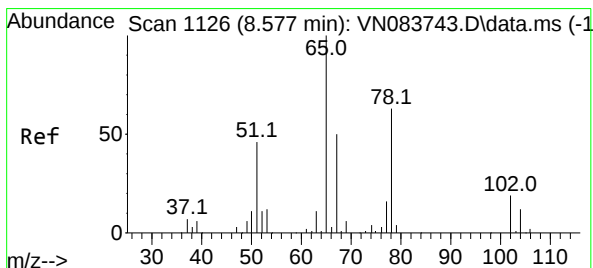
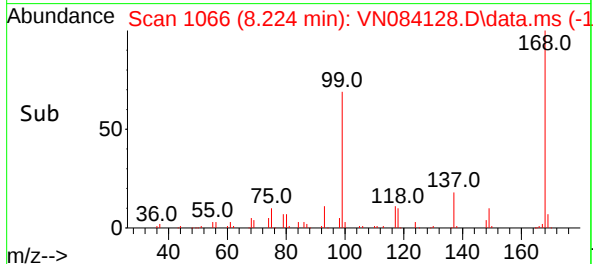
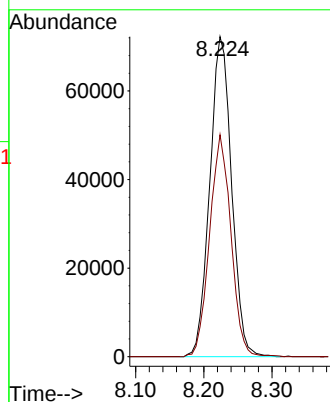


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084128.D
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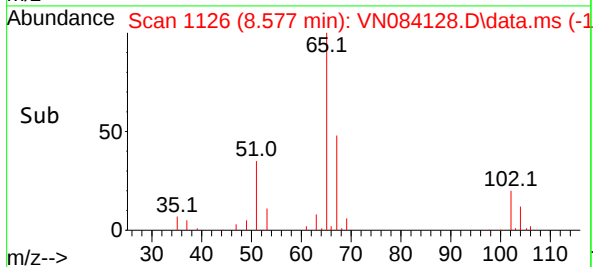
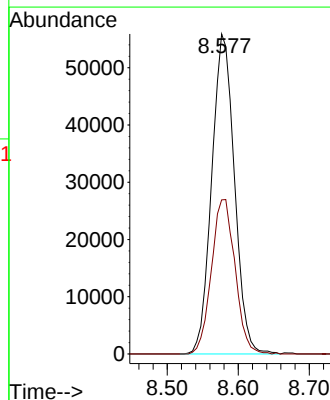
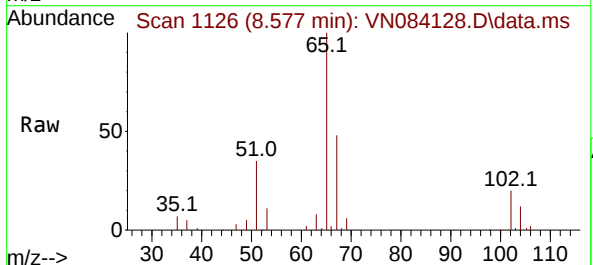


Tgt Ion:168 Resp: 161169
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.029 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion: 65 Resp: 124011
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8

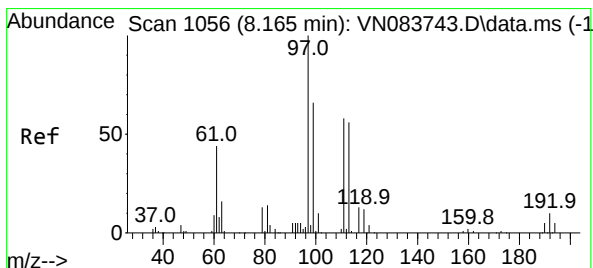
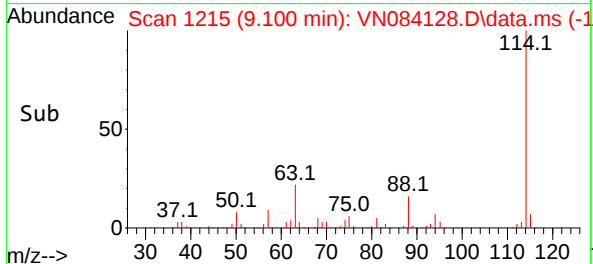
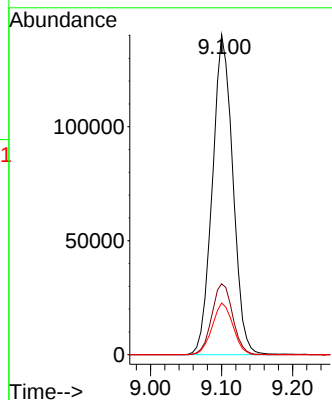
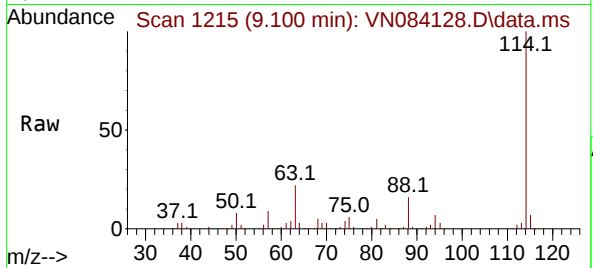




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

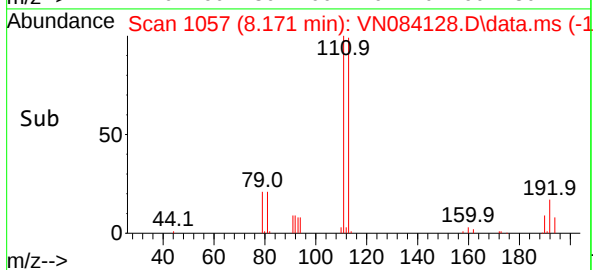
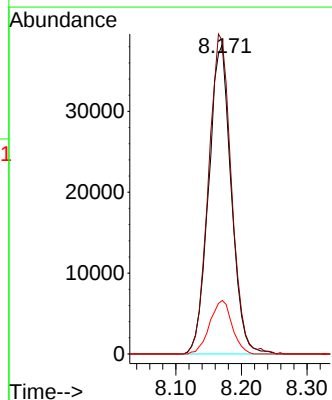
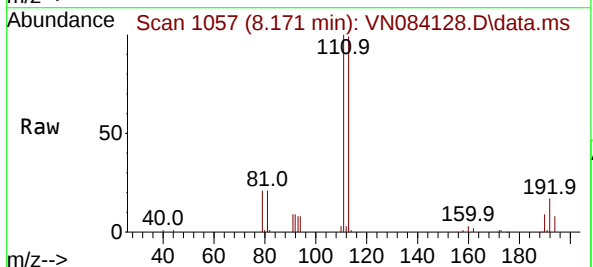
Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

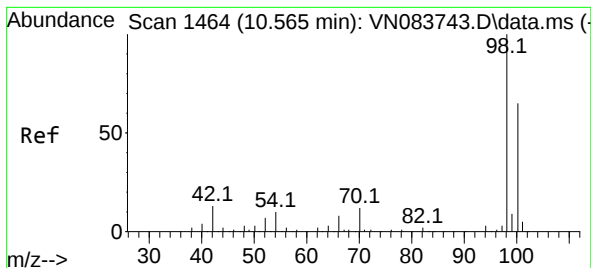
Tgt Ion:114 Resp: 280979
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.732 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion:113 Resp: 91257
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 17.1 14.3 21.5





#50

Toluene-d8

Concen: 53.958 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

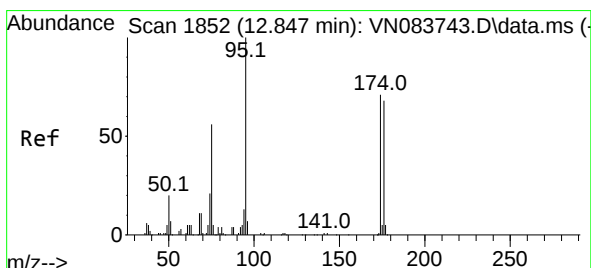
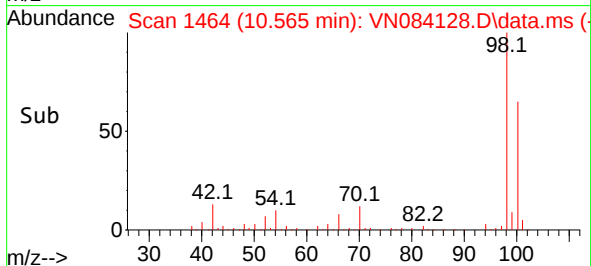
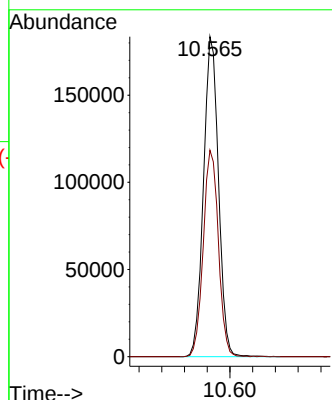
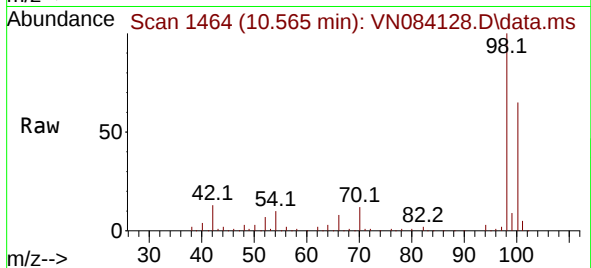
RE123D3-20240916

Tgt Ion: 98 Resp: 335538

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.050 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

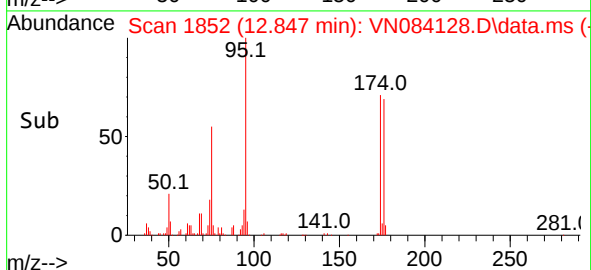
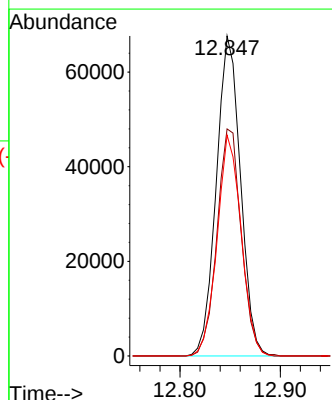
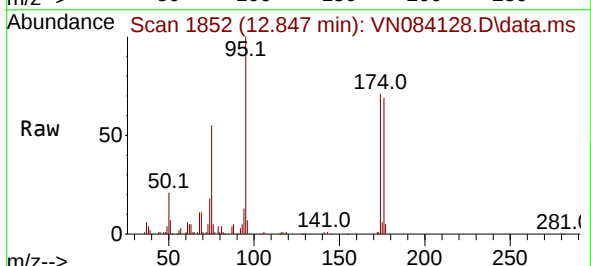
Tgt Ion: 95 Resp: 113016

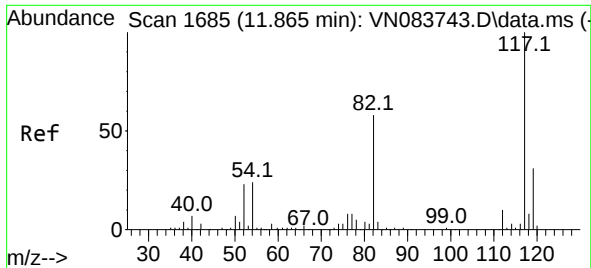
Ion Ratio Lower Upper

95 100

174 71.1 0.0 139.8

176 68.7 0.0 131.4

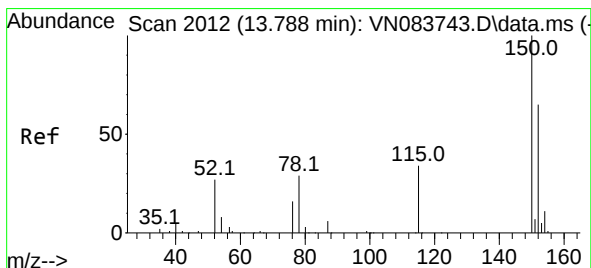
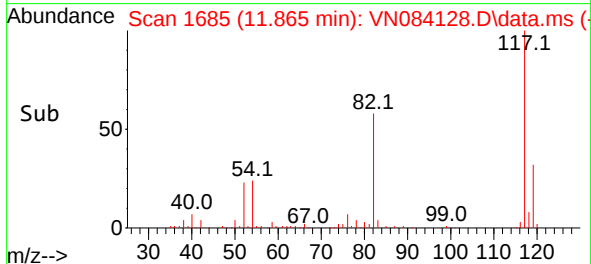
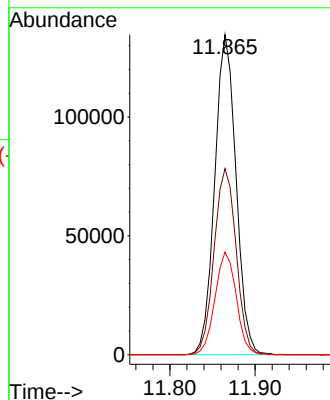
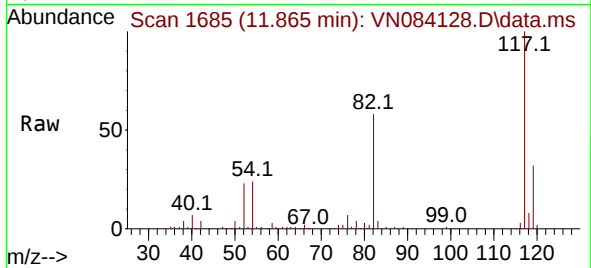




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

Tgt Ion:117 Resp: 234274
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 32.1 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: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion:152 Resp: 90496
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 157.9 0.0 348.6

