

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082161.D
 Acq On : 16 May 2024 14:55
 Operator : JC\MD
 Sample : P2502-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240515057-01-TRIP-BLANK

Quant Time: May 17 05:02:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141682	51.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.780%	
35) Dibromofluoromethane	8.171	113	97536	52.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	10.570	98	388496	54.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.847	95	127006	50.052	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.100%	

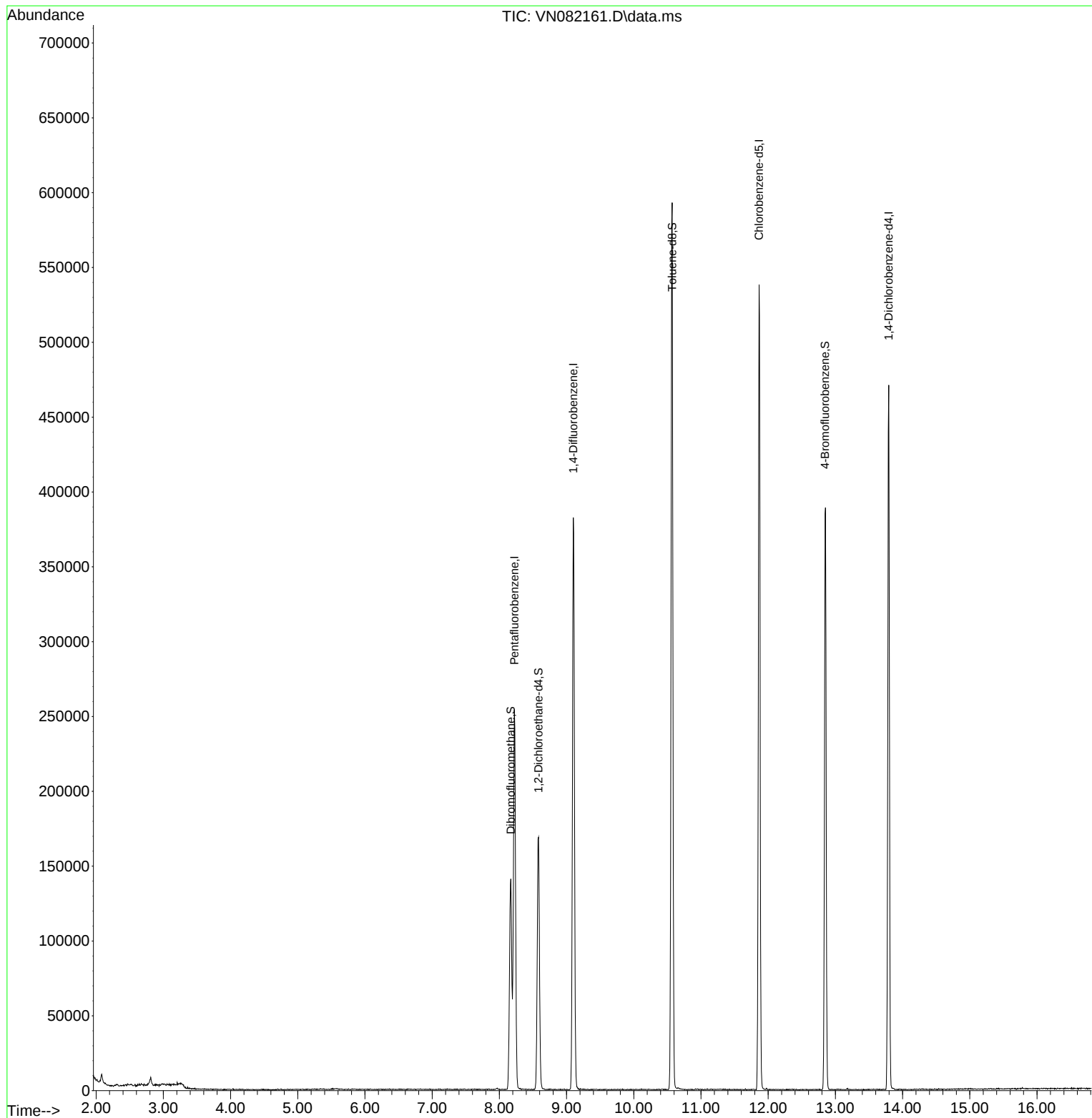
Target Compounds	Qvalue

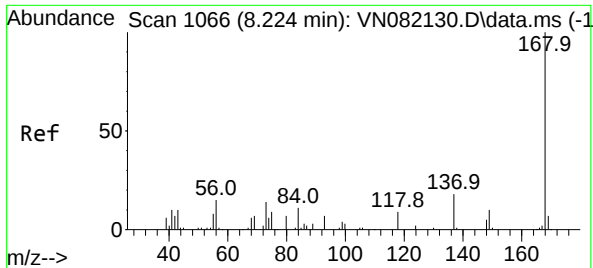
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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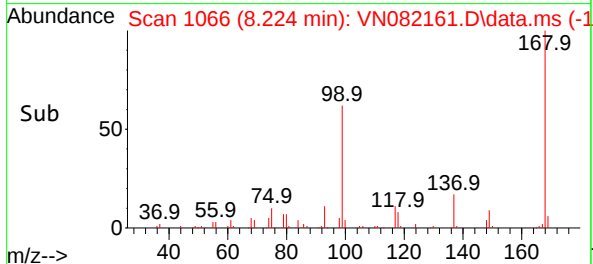
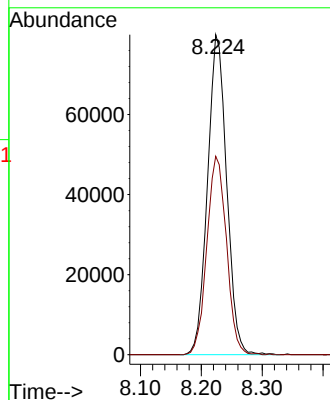
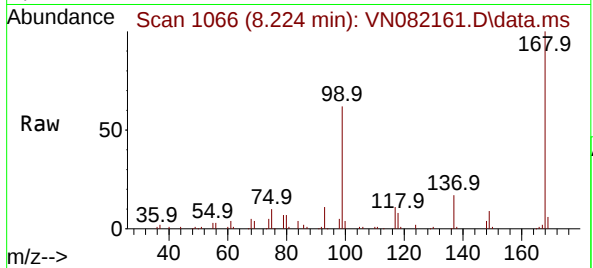




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

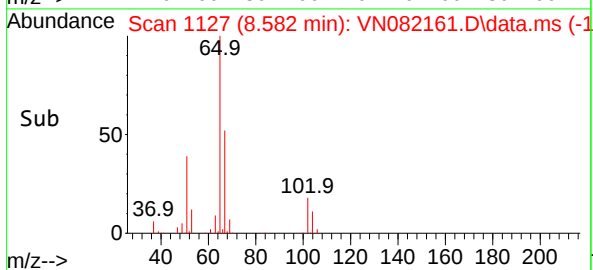
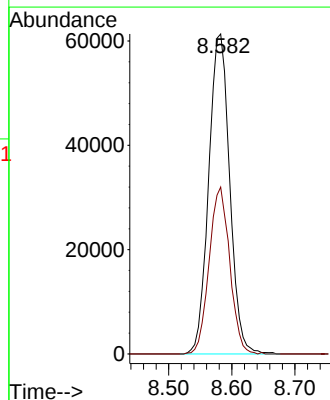
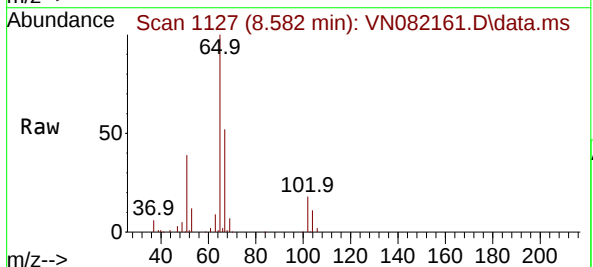
Instrument : MSVOA_N
ClientSampleId : 240515057-01-TRIP-BLANK

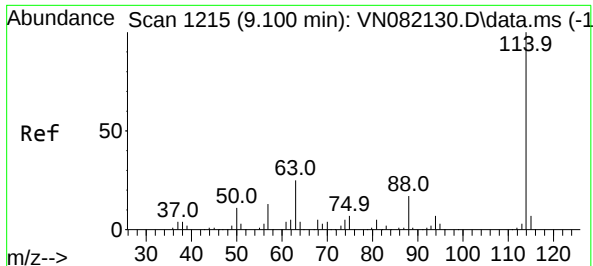
Tgt Ion:168 Resp: 174604
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.389 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

Tgt Ion: 65 Resp: 141682
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082161.D

Acq: 16 May 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

240515057-01-TRIP-BLANK

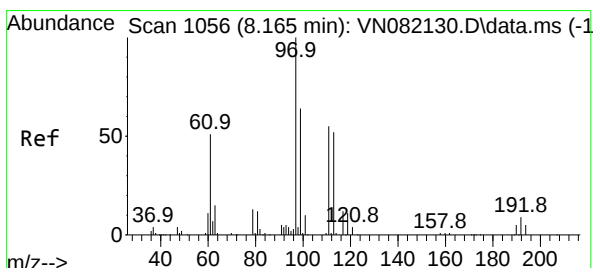
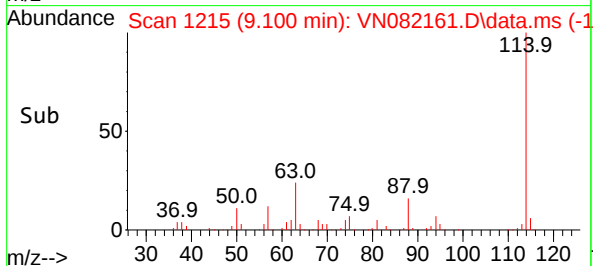
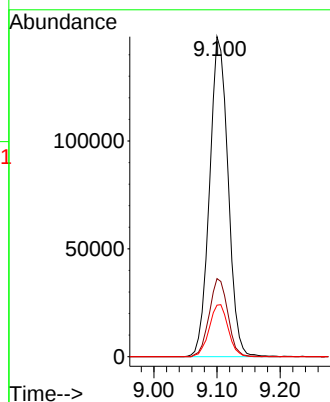
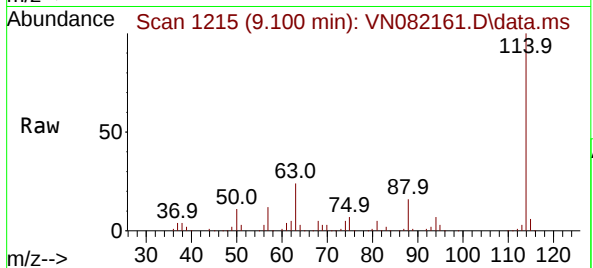
Tgt Ion:114 Resp: 301438

Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.600 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082161.D

Acq: 16 May 2024 14:55

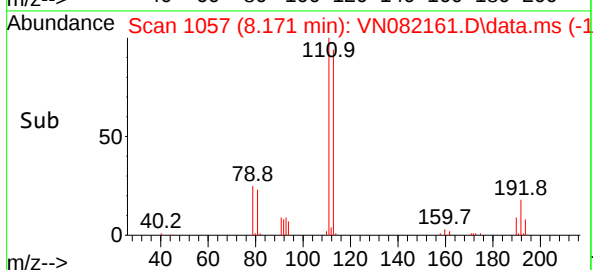
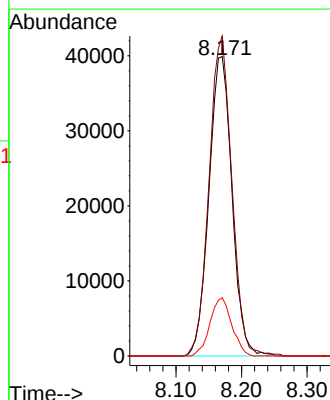
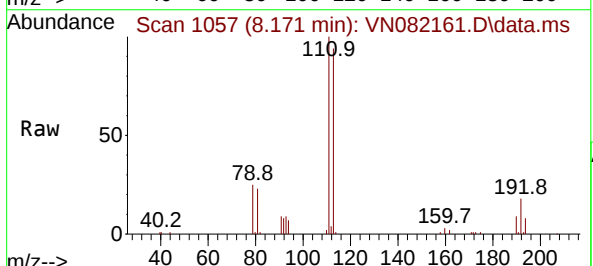
Tgt Ion:113 Resp: 97536

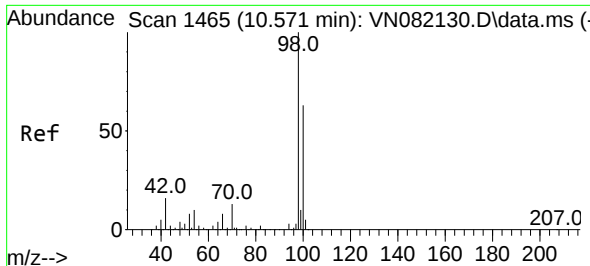
Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.2

192 18.4 14.0 21.0

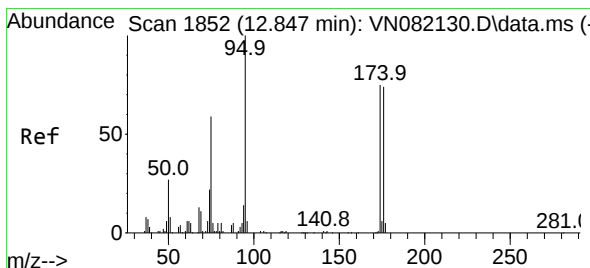
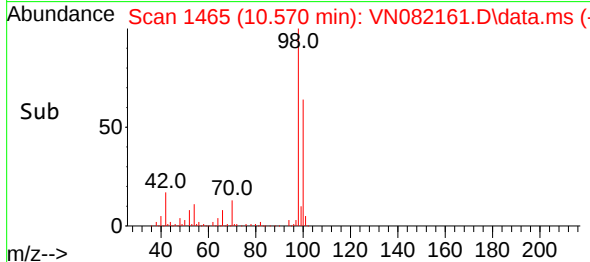
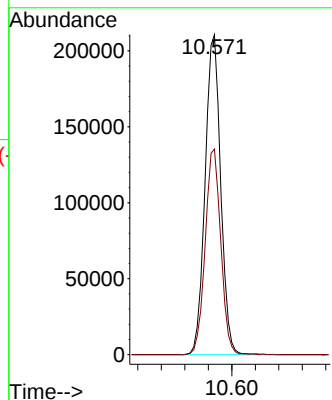
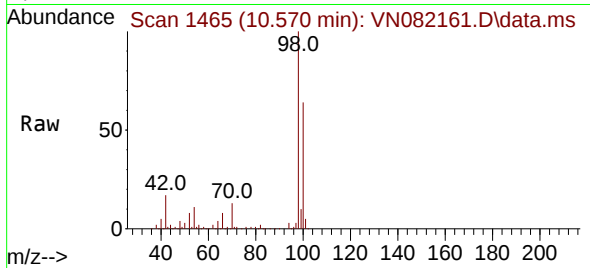




#50
Toluene-d8
Concen: 54.646 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

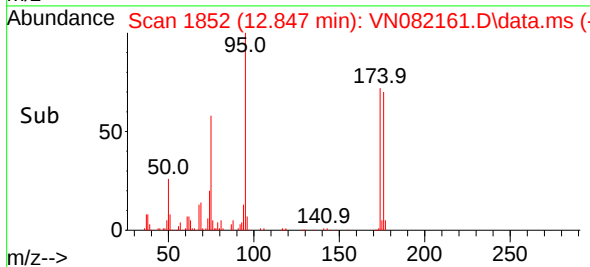
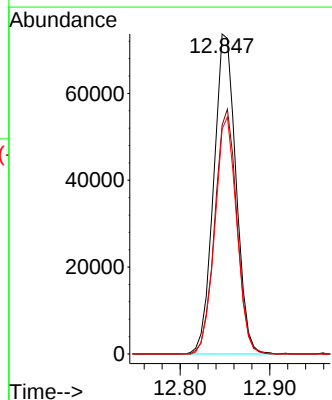
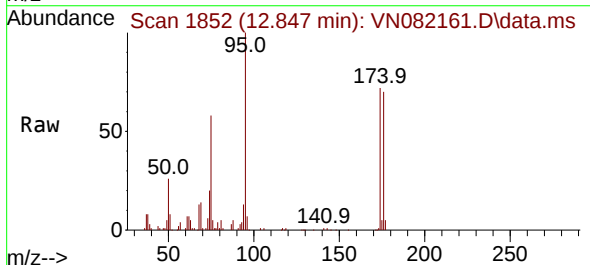
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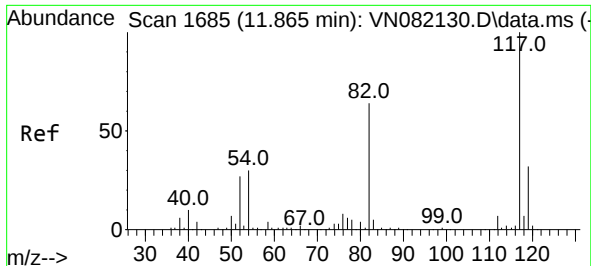
Tgt Ion: 98 Resp: 388496
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

Tgt Ion: 95 Resp: 127006
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 72.3 0.0 152.8

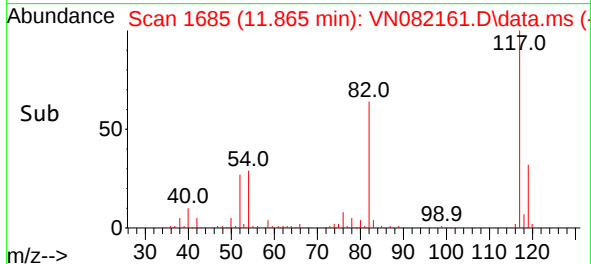
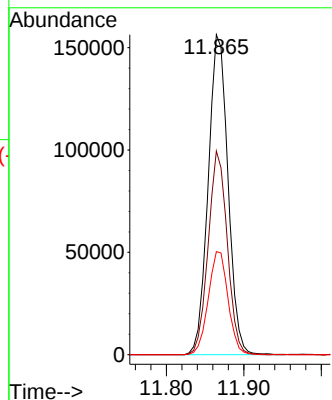
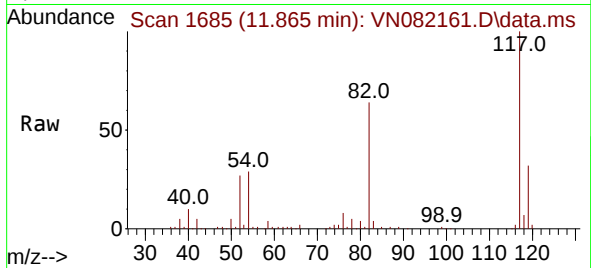




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
240515057-01-TRIP-BLANK

Tgt Ion:117 Resp: 277545
Ion Ratio Lower Upper
117 100
82 63.7 44.6 66.8
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082161.D
Acq: 16 May 2024 14:55

Tgt Ion:152 Resp: 115129
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 158.1 0.0 353.2

