

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082556.D
 Acq On : 13 Jun 2024 13:54
 Operator : JC\MD
 Sample : P2840-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20240610

Quant Time: Jun 14 02:28:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137572	53.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.560%	
35) Dibromofluoromethane	8.171	113	98388	53.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.571	98	368298	52.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.853	95	119472	47.320	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.640%	

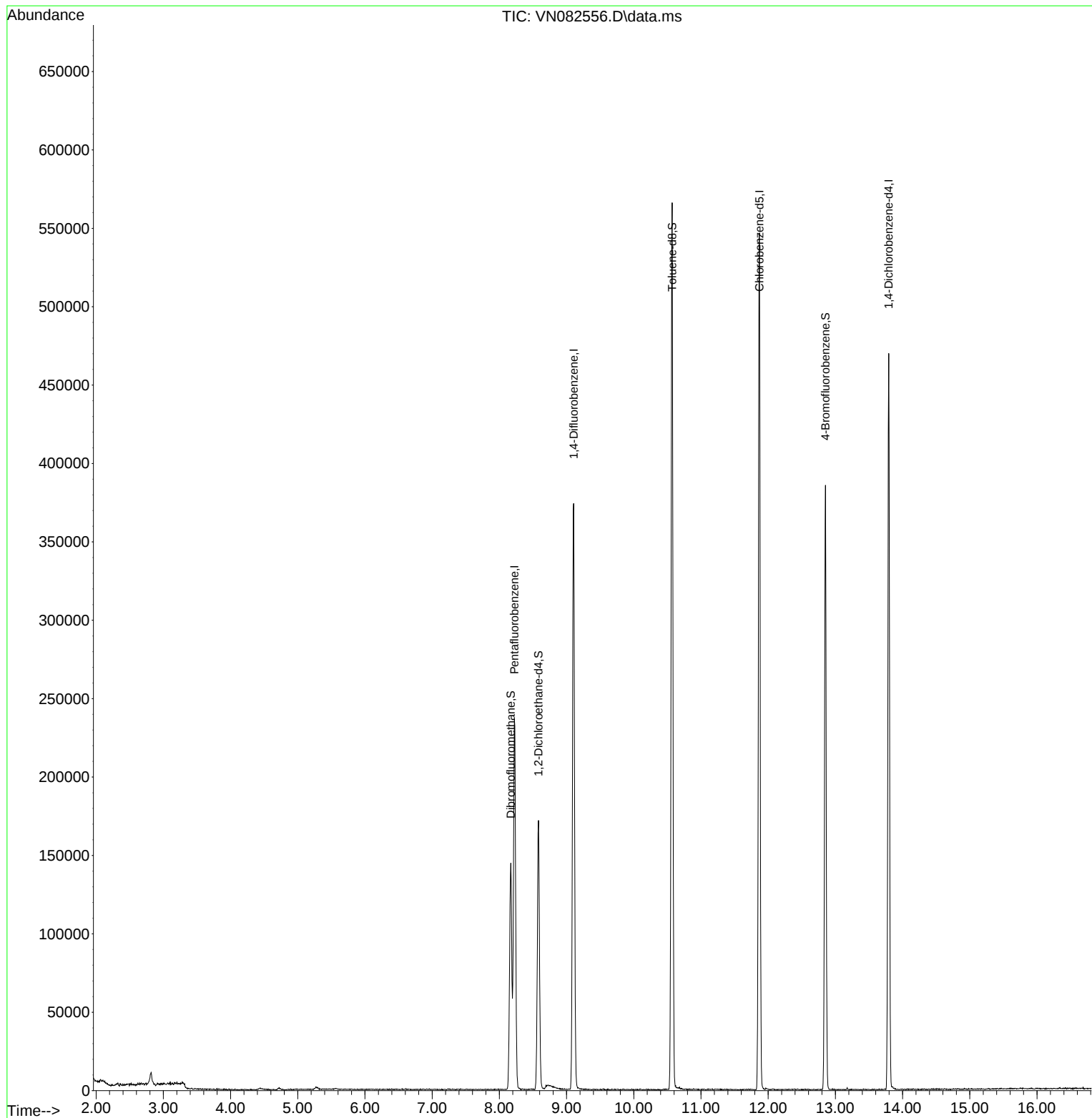
Target Compounds	Qvalue

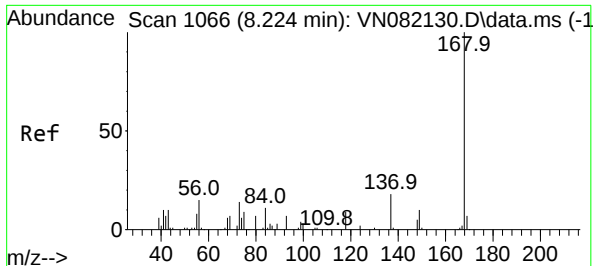
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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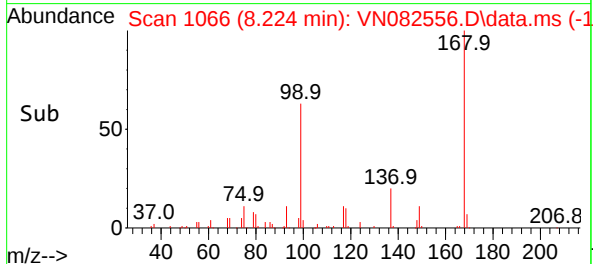
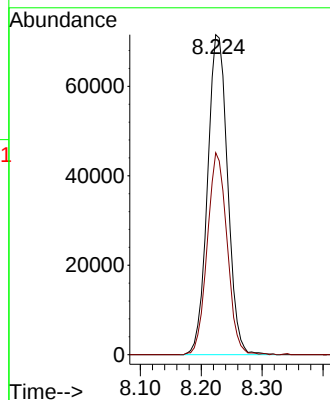
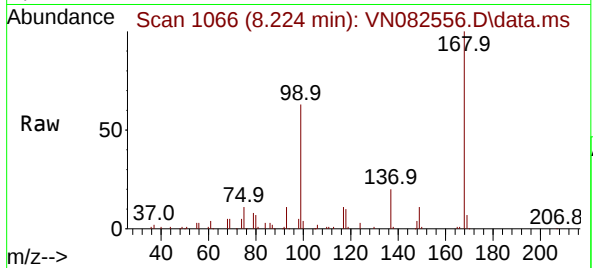




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

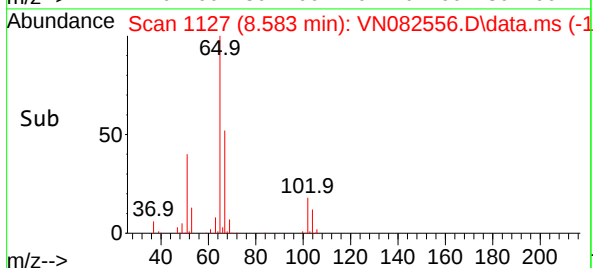
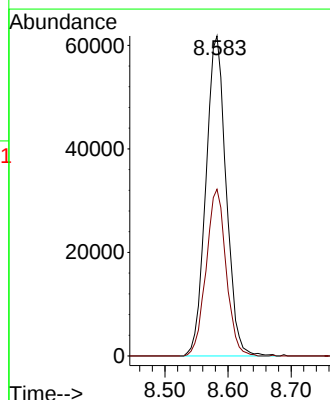
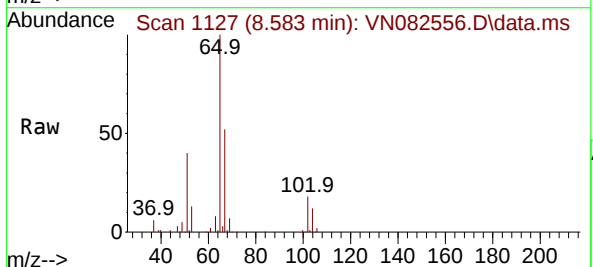
Instrument :
MSVOA_N
ClientSampleId :
TB01-20240610

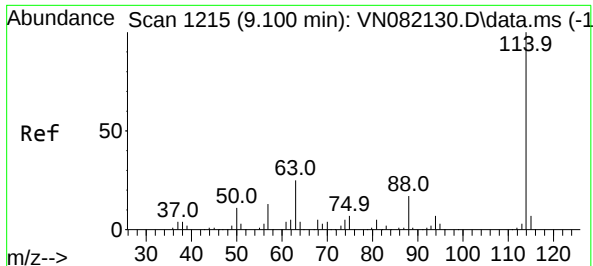
Tgt Ion:168 Resp: 163534
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.276 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion: 65 Resp: 137572
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

TB01-20240610

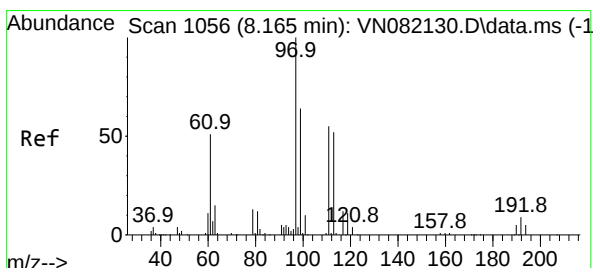
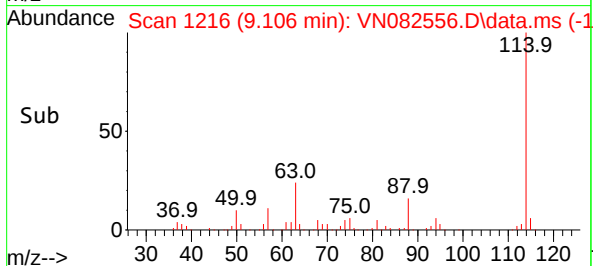
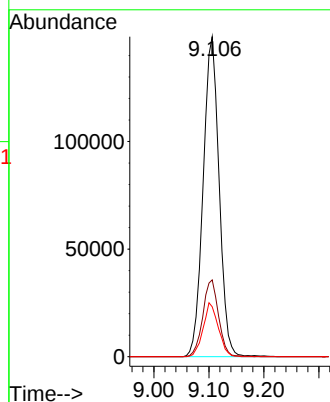
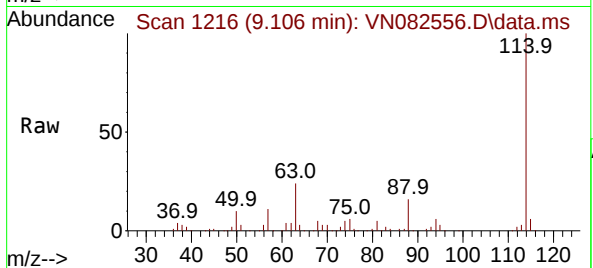
Tgt Ion:114 Resp: 299932

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.326 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

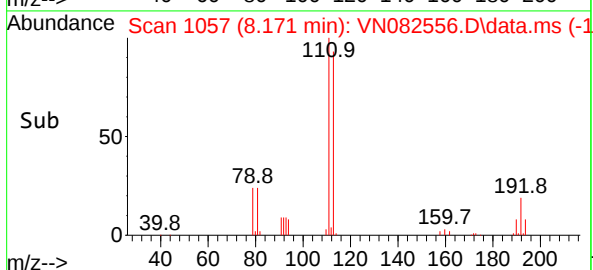
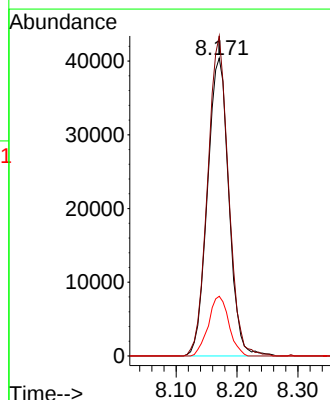
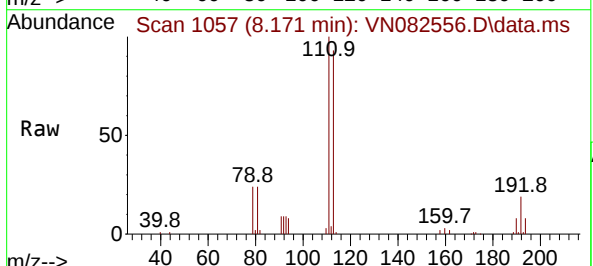
Tgt Ion:113 Resp: 98388

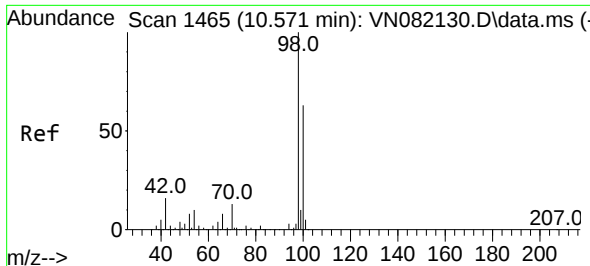
Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.2

192 19.2 14.0 21.0

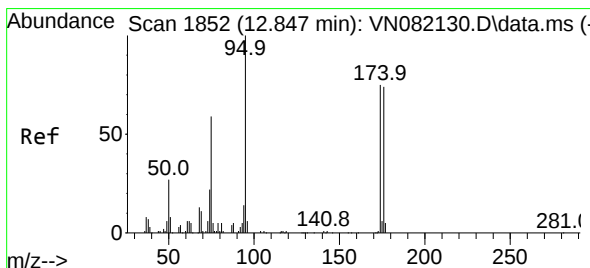
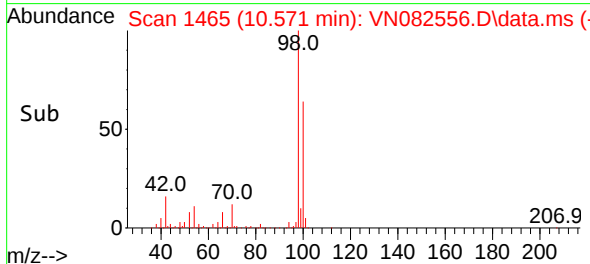
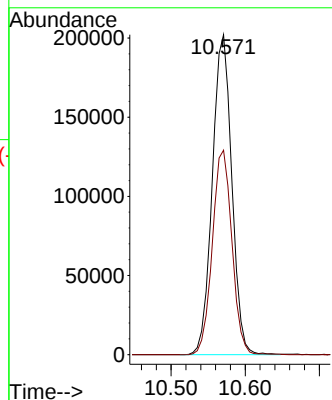
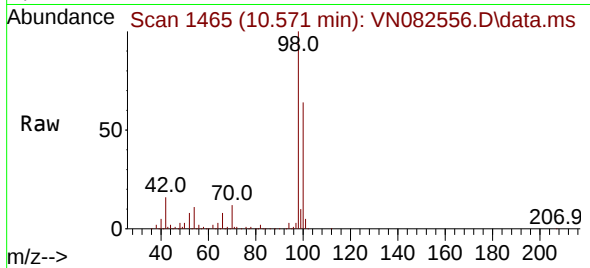




#50
Toluene-d8
Concen: 52.065 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

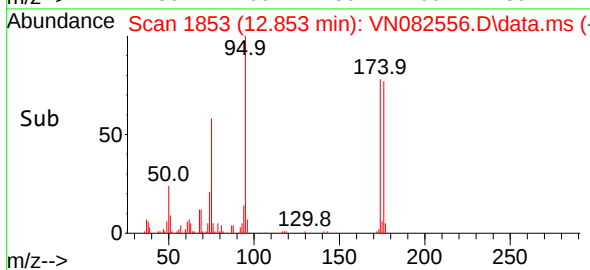
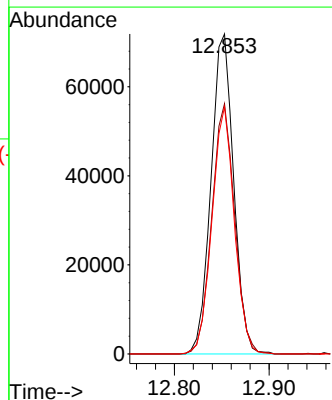
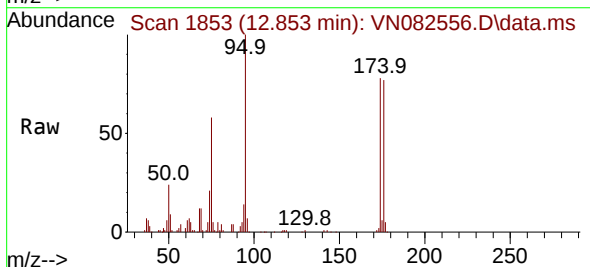
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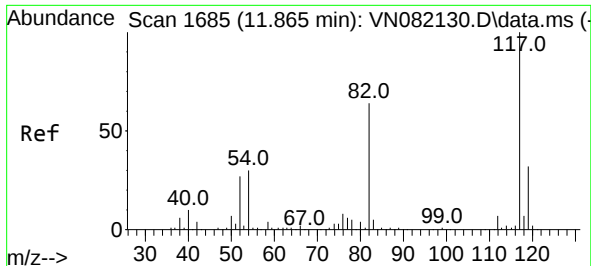
Tgt Ion: 98 Resp: 368298
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.320 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion: 95 Resp: 119472
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.6
176 76.4 0.0 152.8

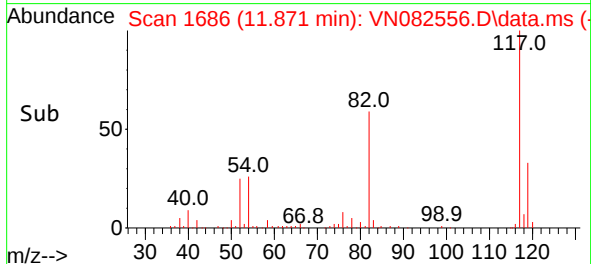
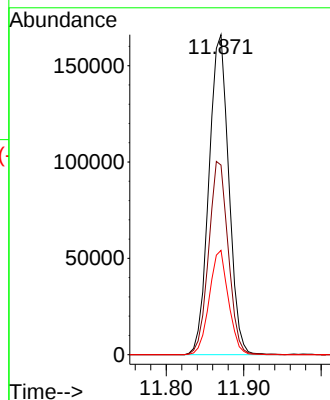
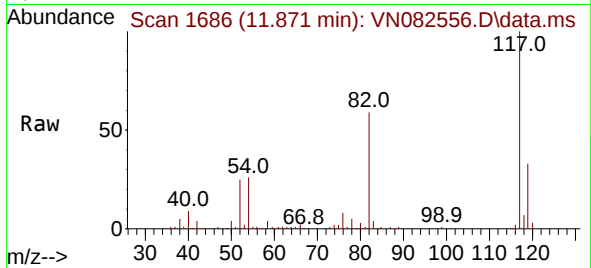




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
TB01-20240610

Tgt Ion:117 Resp: 295197
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 32.6 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: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion:152 Resp: 119344
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 157.7 0.0 353.2

