

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082356.D
 Acq On : 28 May 2024 18:56
 Operator : JC\MD
 Sample : P2609-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 420

Quant Time: May 29 06:57:28 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	196892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	325151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	154070	49.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.171	113	109825	52.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.570	98	429503	53.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.853	95	155893	54.005	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.000%

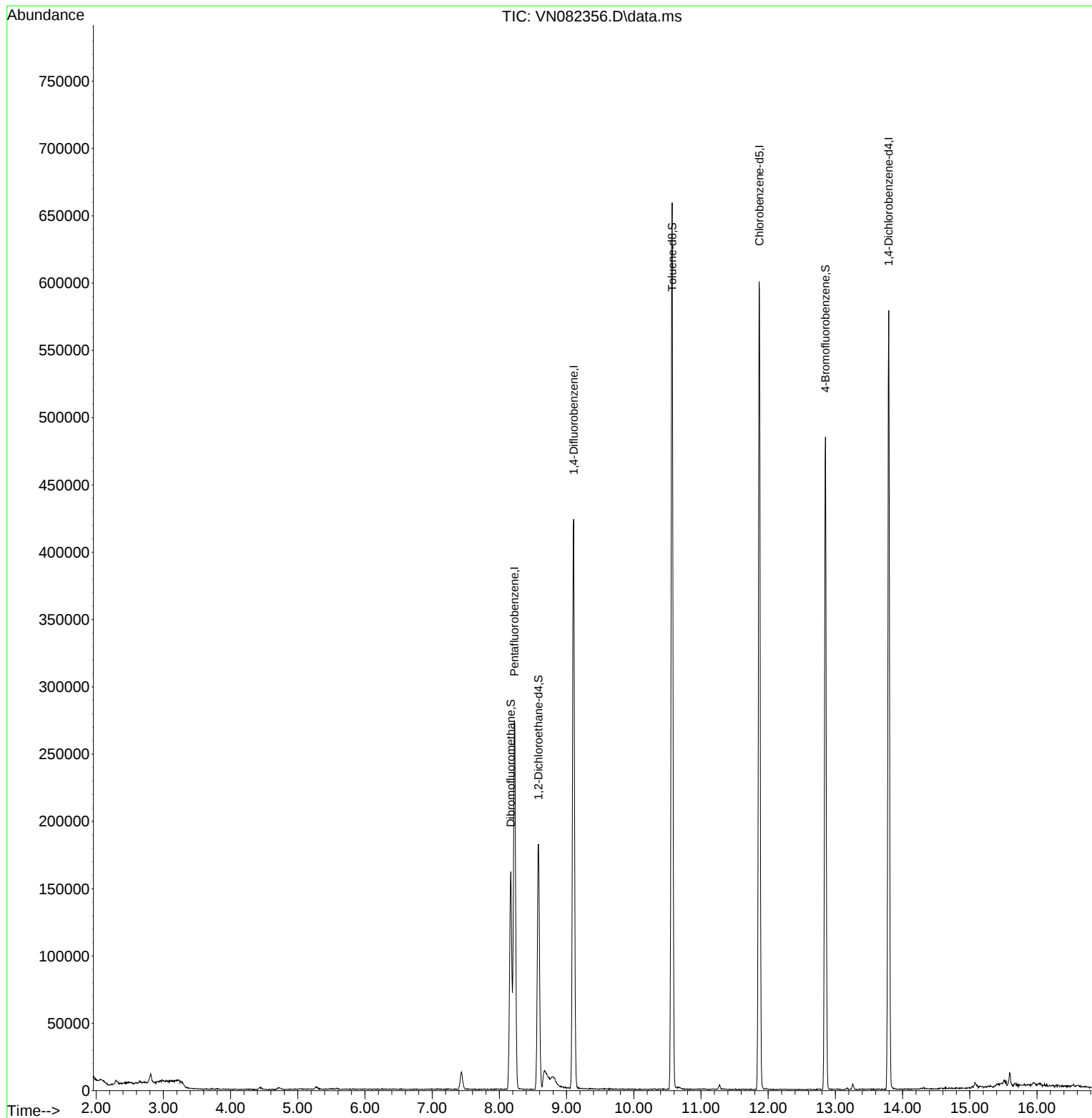
Target Compounds	Qvalue

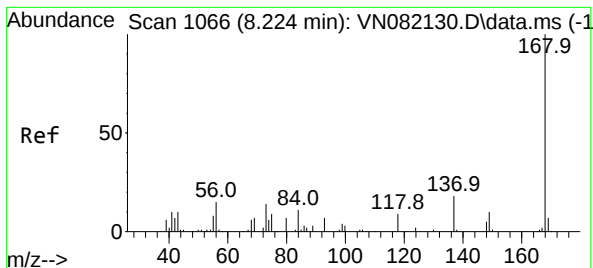
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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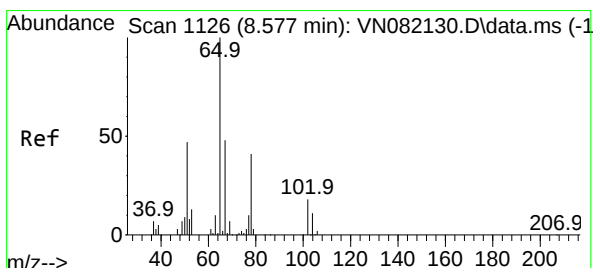
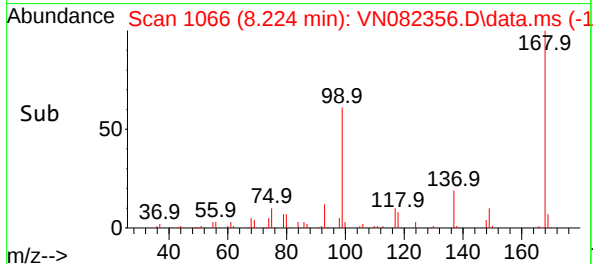
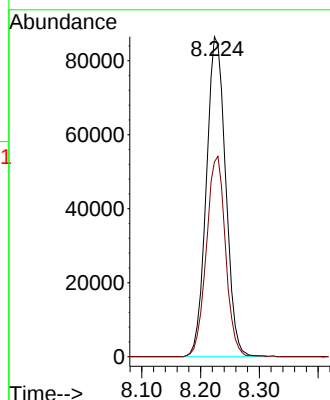
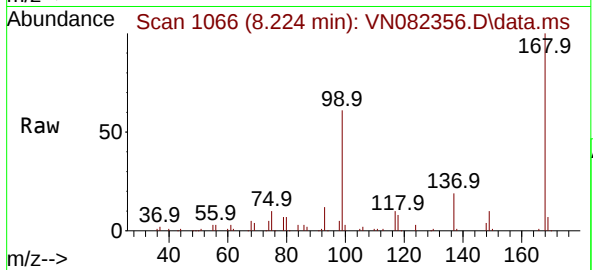




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

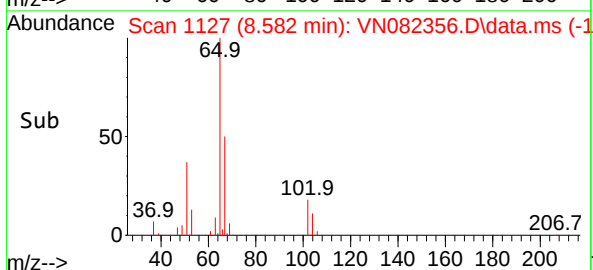
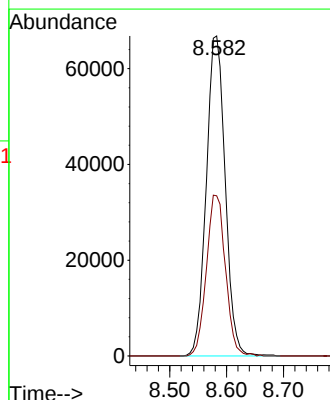
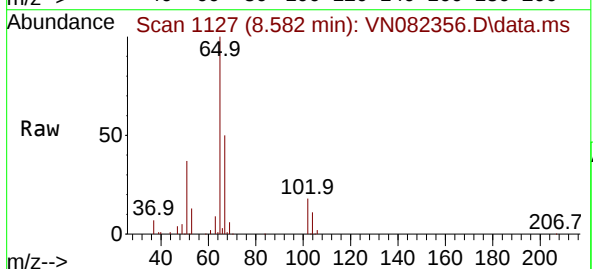
Instrument :
MSVOA_N
ClientSampleId :
420

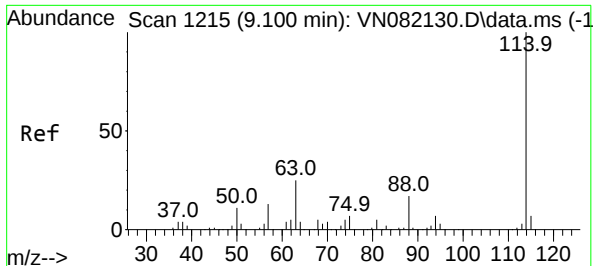
Tgt Ion:168 Resp: 196892
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.557 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Tgt Ion: 65 Resp: 154070
Ion Ratio Lower Upper
65 100
67 50.7 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: VN082356.D

Acq: 28 May 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

420

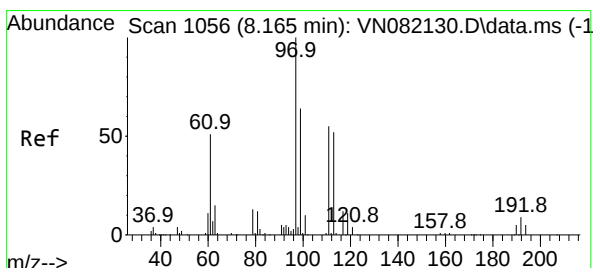
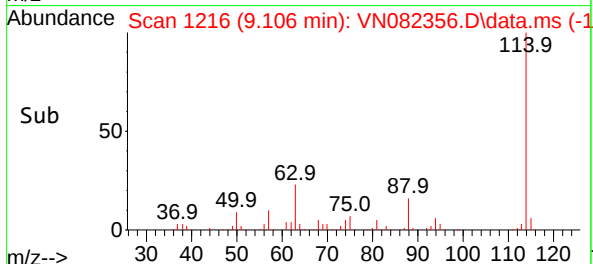
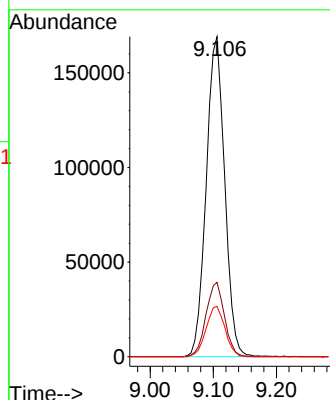
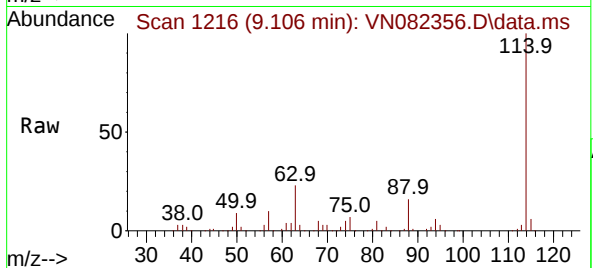
Tgt Ion:114 Resp: 342918

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.063 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082356.D

Acq: 28 May 2024 18:56

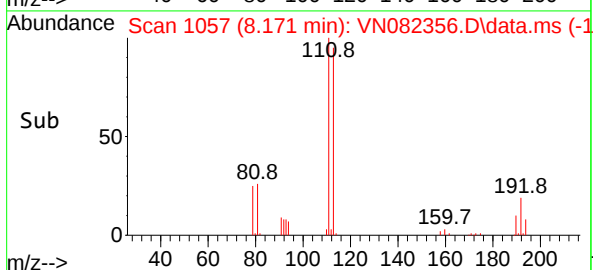
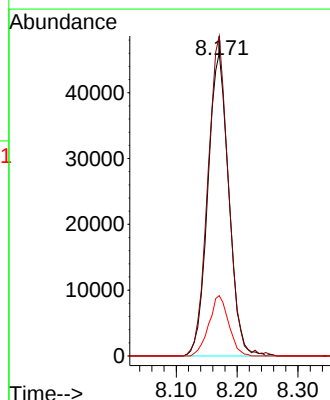
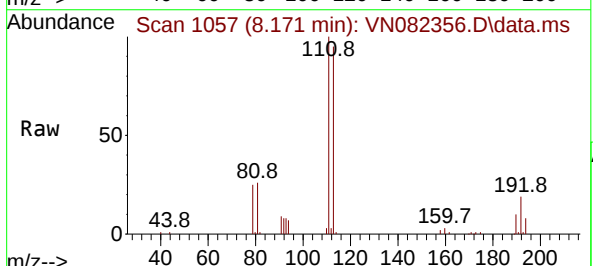
Tgt Ion:113 Resp: 109825

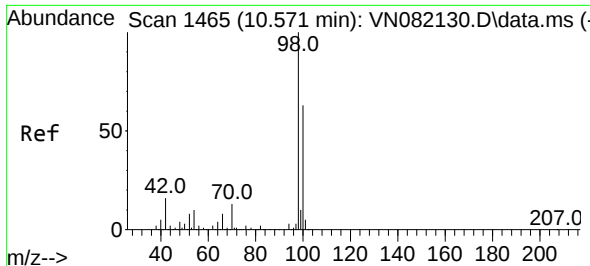
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 18.8 14.0 21.0

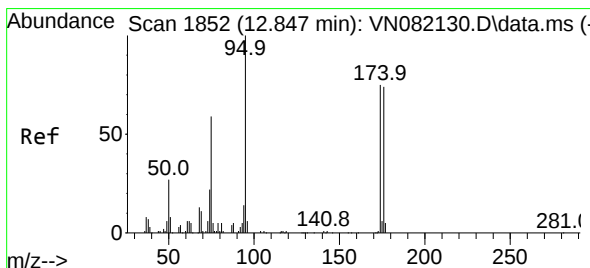
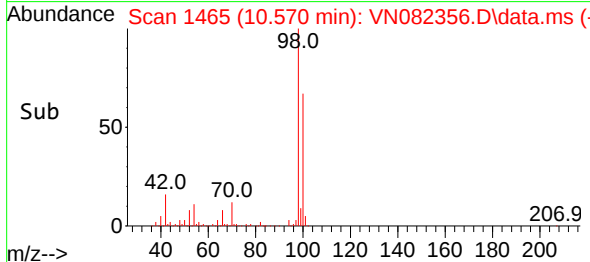
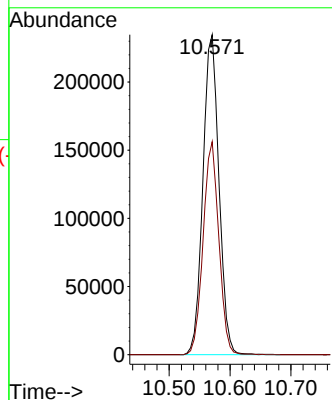
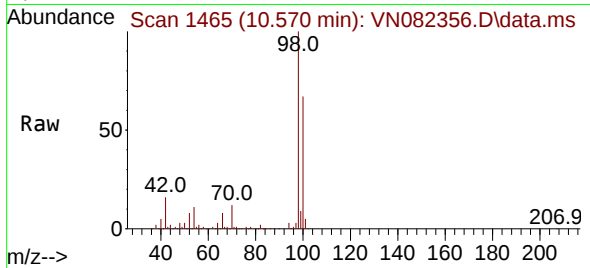




#50
Toluene-d8
Concen: 53.107 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

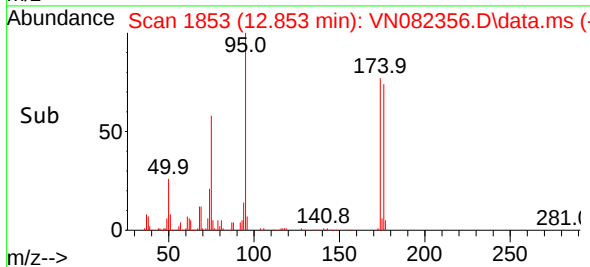
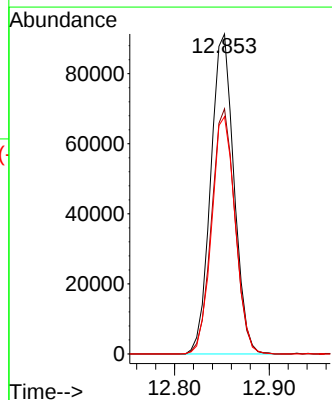
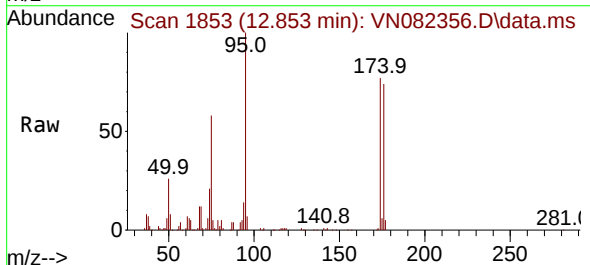
Instrument :
MSVOA_N
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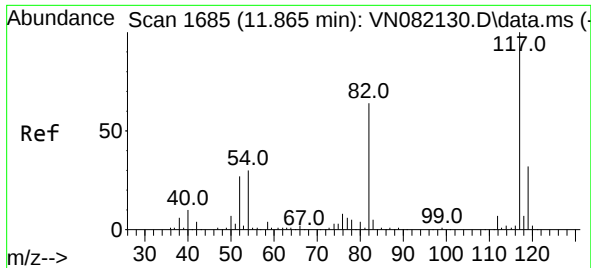
Tgt Ion: 98 Resp: 429503
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.005 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Tgt Ion: 95 Resp: 155893
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 75.3 0.0 152.8

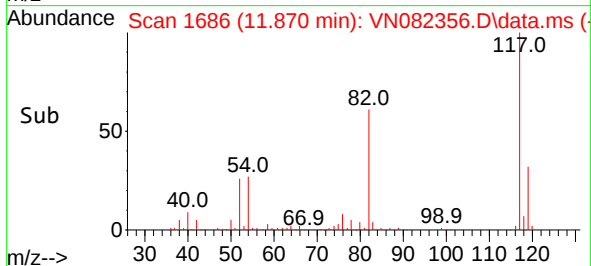
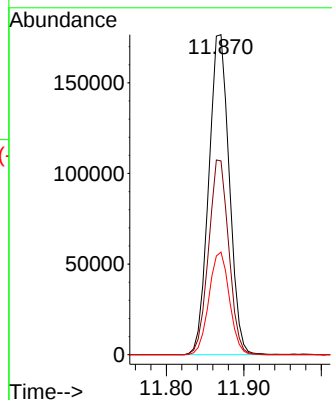
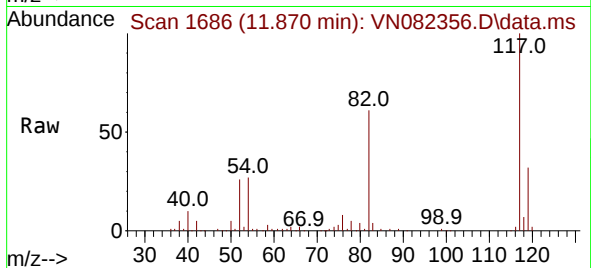




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
420

Tgt Ion:117 Resp: 325151
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 32.1 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: VN082356.D
Acq: 28 May 2024 18:56

Tgt Ion:152 Resp: 145618
Ion Ratio Lower Upper
152 100
115 59.6 30.4 91.3
150 157.2 0.0 353.2

