

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081256.D
 Acq On : 28 Feb 2024 20:29
 Operator : JC\MD
 Sample : P1587-12 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1825-A

Quant Time: Feb 28 23:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	314348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217637	56.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.960%
35) Dibromofluoromethane	8.171	113	164656	50.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.571	98	645091	55.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.940%
62) 4-Bromofluorobenzene	12.853	95	205909	47.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.240%

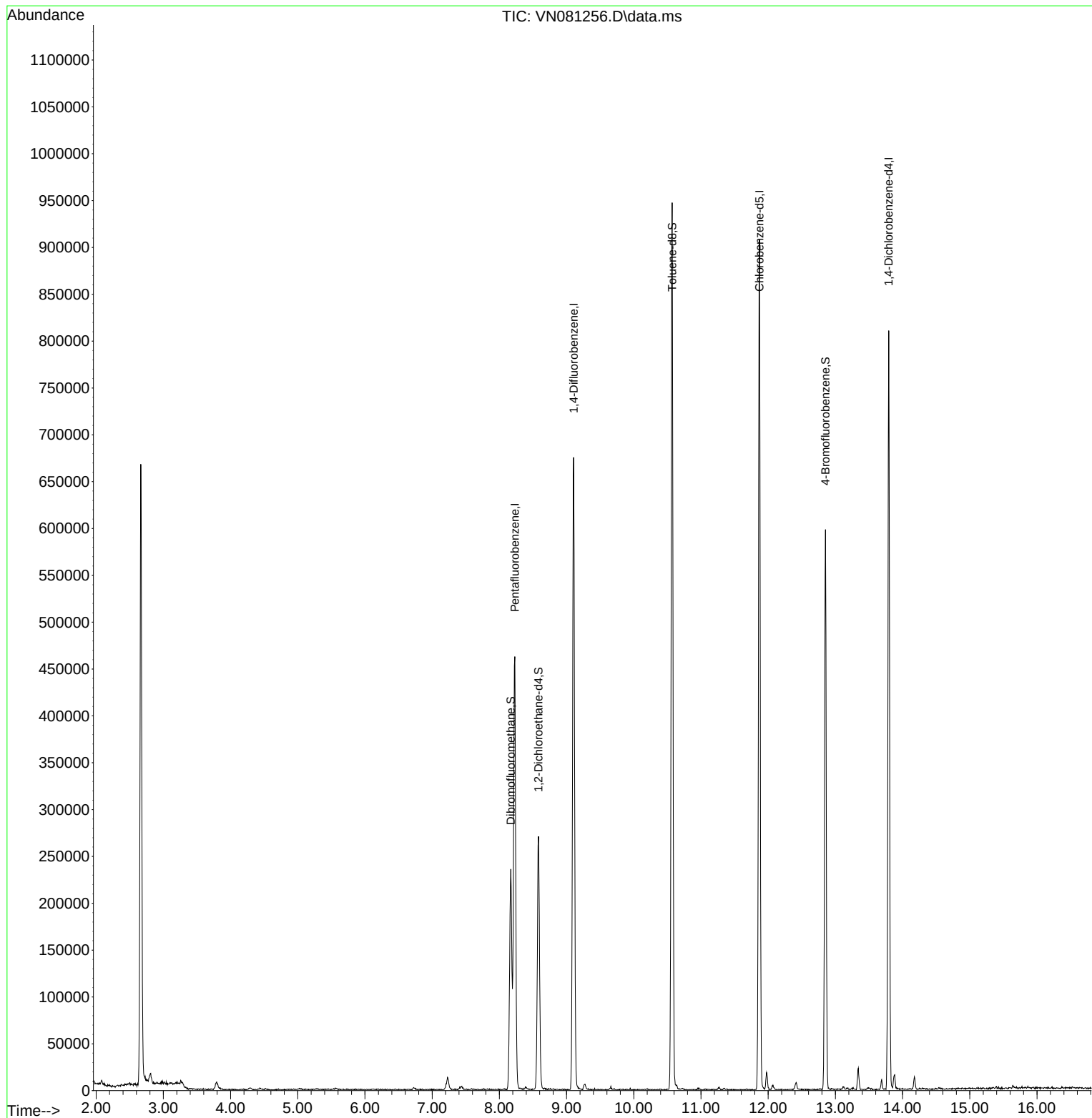
Target Compounds	Qvalue

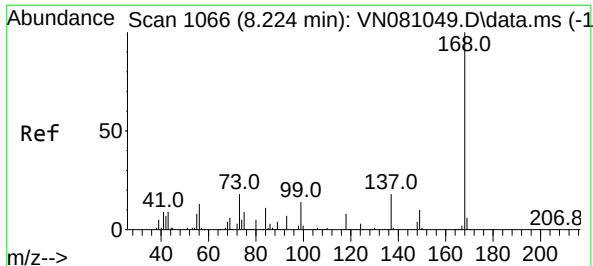
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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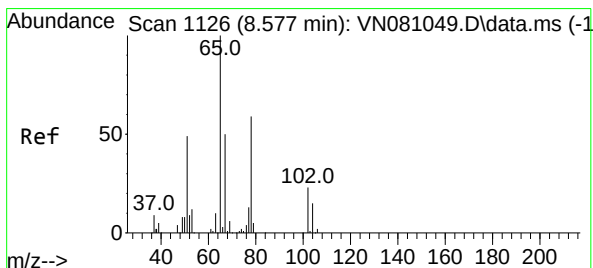
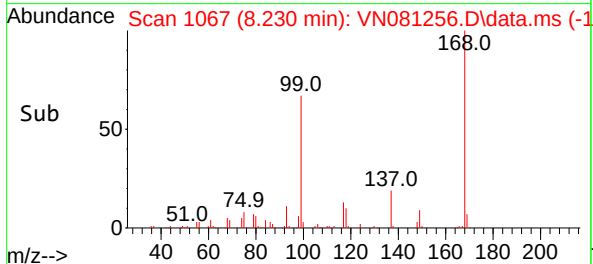
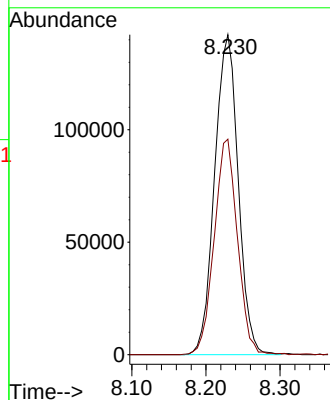
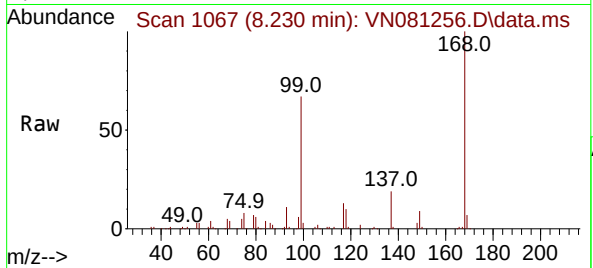




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

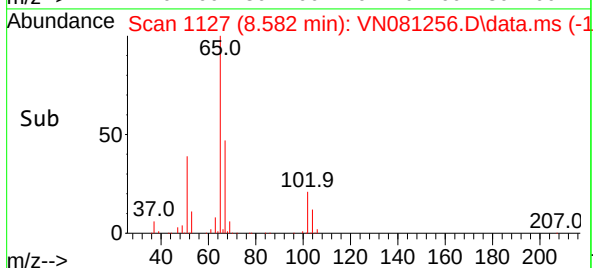
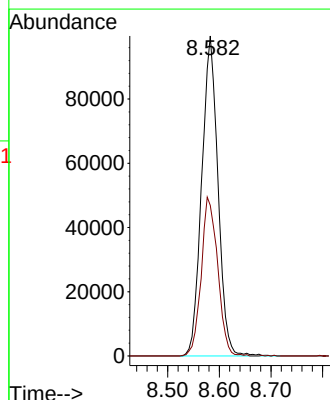
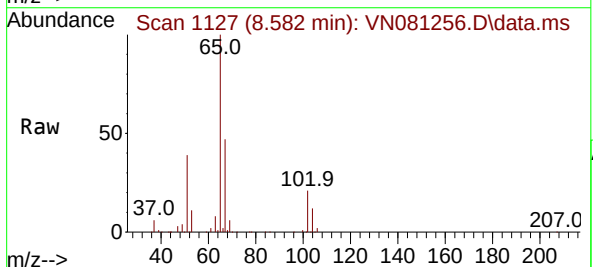
Instrument :
MSVOA_N
ClientSampleId :
1825-A

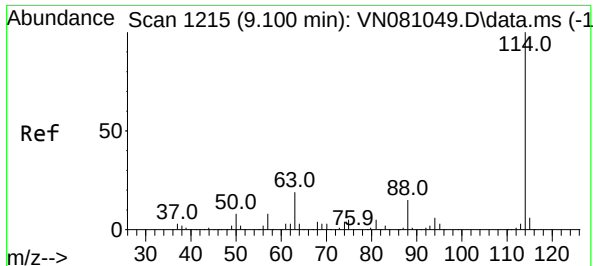
Tgt Ion:168 Resp: 314348
Ion Ratio Lower Upper
168 100
99 67.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.485 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

Tgt Ion: 65 Resp: 217637
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081256.D

Acq: 28 Feb 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

1825-A

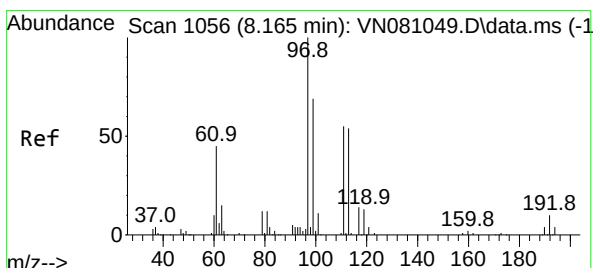
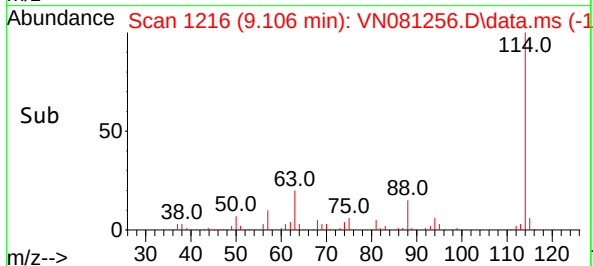
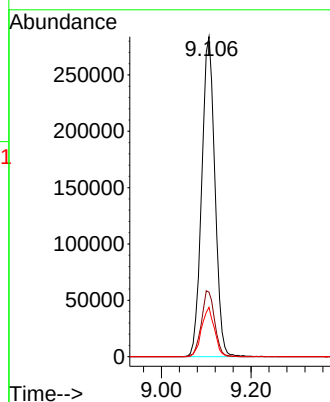
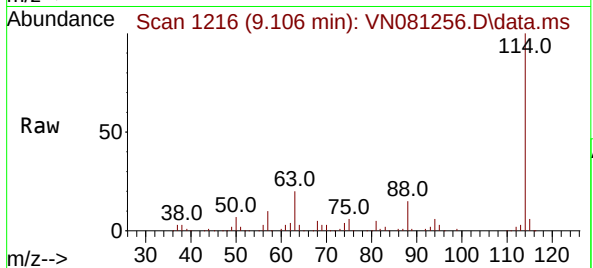
Tgt Ion:114 Resp: 579040

Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.287 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081256.D

Acq: 28 Feb 2024 20:29

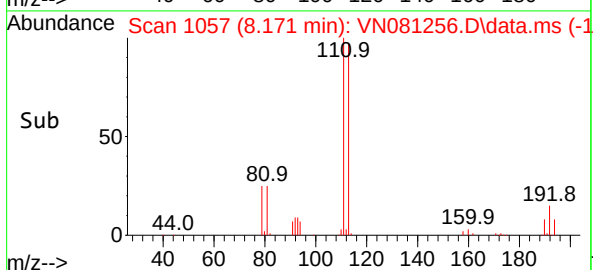
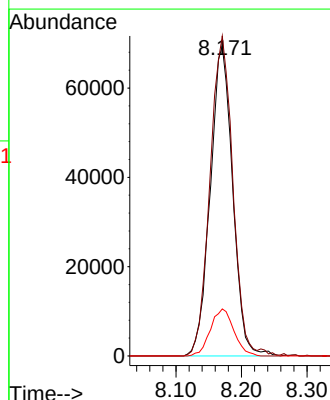
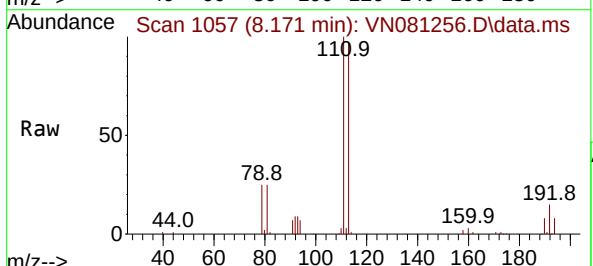
Tgt Ion:113 Resp: 164656

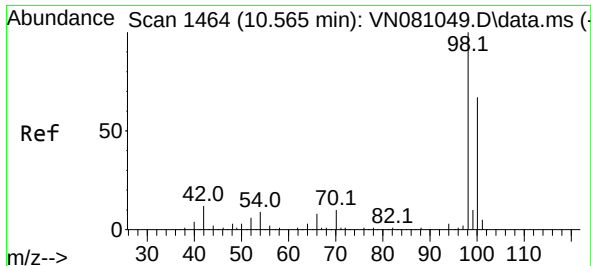
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 15.9 12.5 18.7

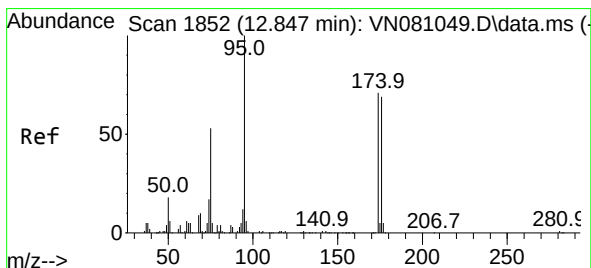
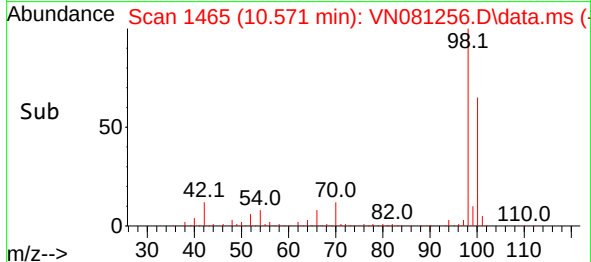
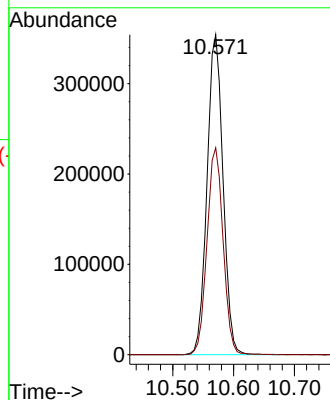
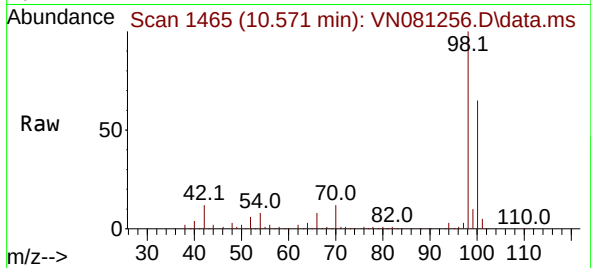




#50
Toluene-d8
Concen: 55.471 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

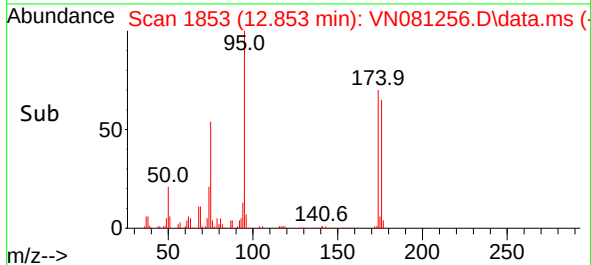
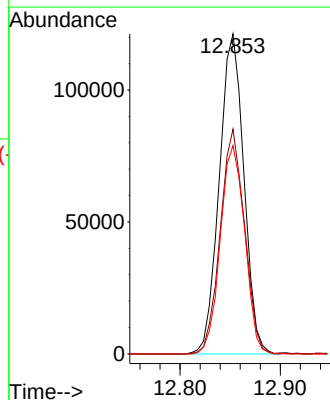
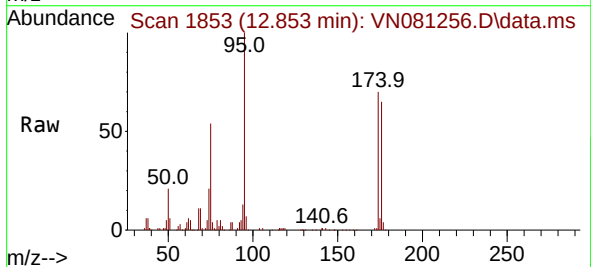
Instrument :
MSVOA_N
ClientSampleId :
1825-A

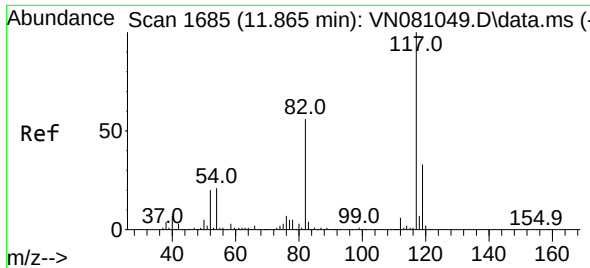
Tgt Ion: 98 Resp: 645091
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

Tgt Ion: 95 Resp: 205909
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 64.7 0.0 121.0

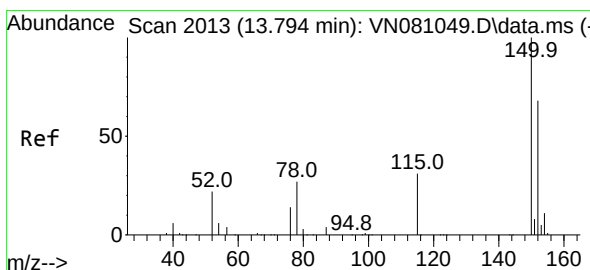
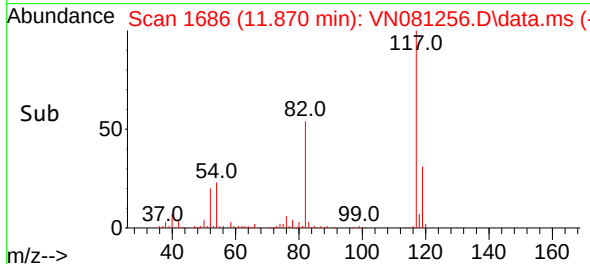
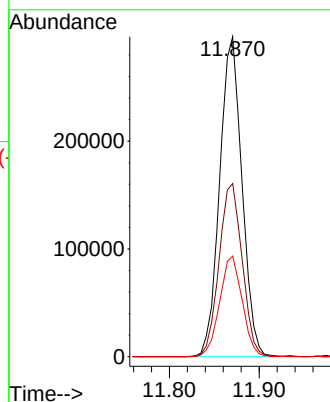
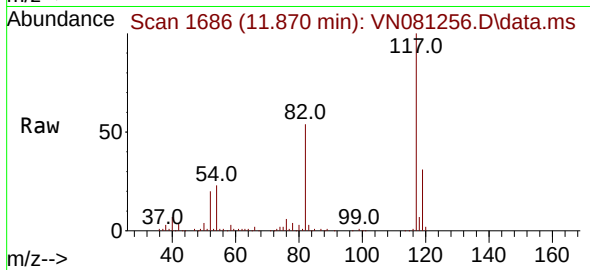




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11825-A
Delta R.T. 0.006 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 512533
Ion Ratio Lower Upper
117 100
82 54.1 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081256.D
Acq: 28 Feb 2024 20:29

Tgt Ion:152 Resp: 199002
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 156.5 0.0 339.8

