

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081614.D
 Acq On : 29 Mar 2024 14:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 00:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	381298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	689493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	632679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258315	53.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.240%
35) Dibromofluoromethane	8.165	113	222412	51.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	10.571	98	821650	52.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.853	95	262559	47.371	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.740%

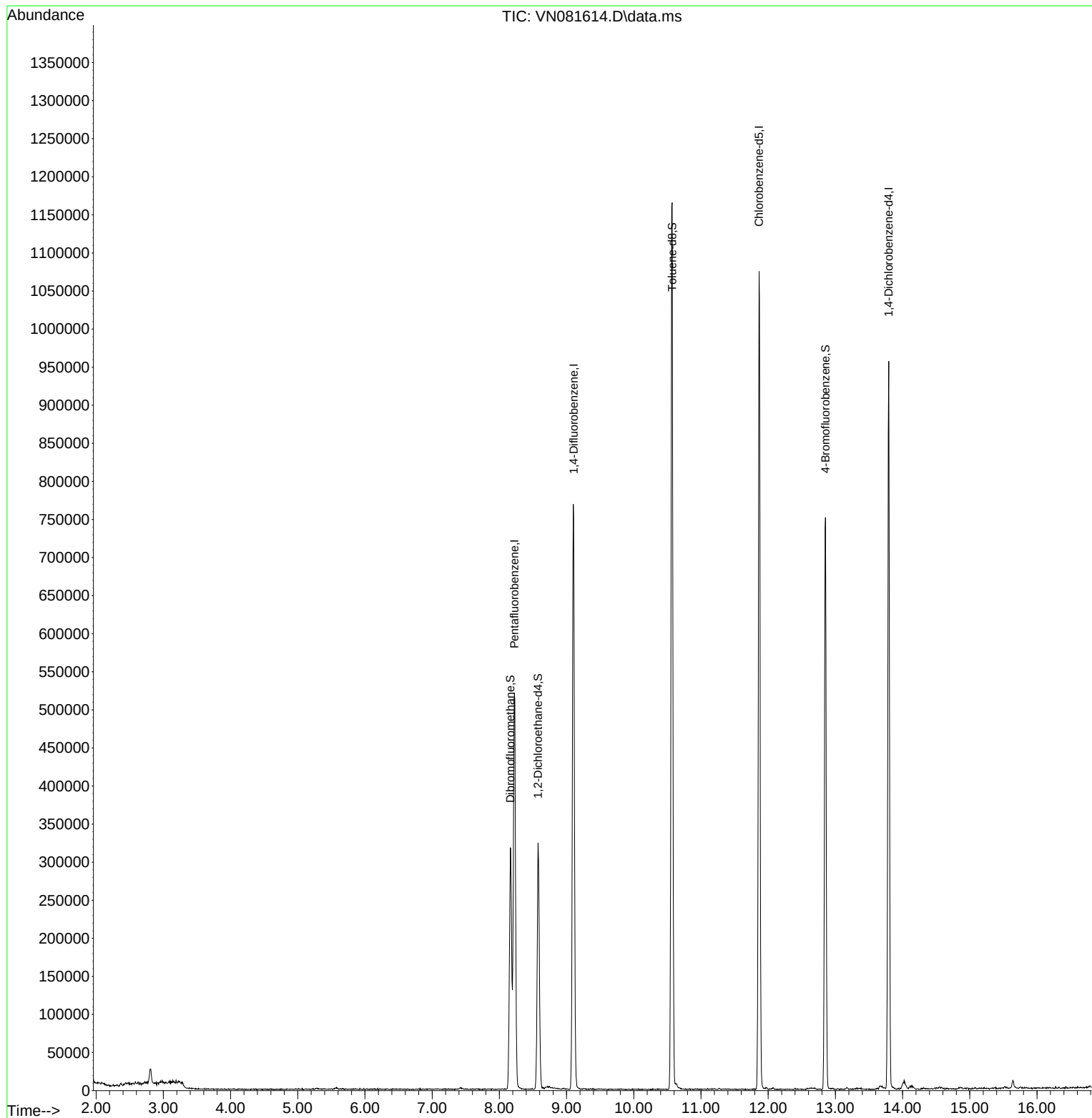
Target Compounds	Qvalue

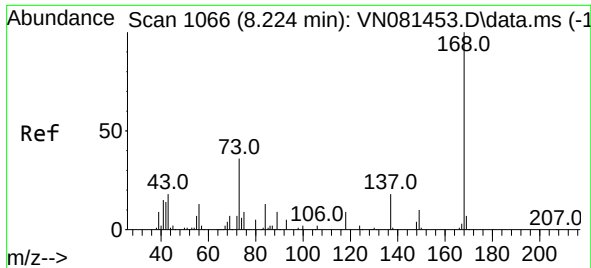
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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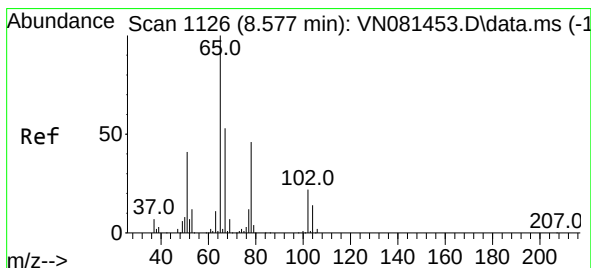
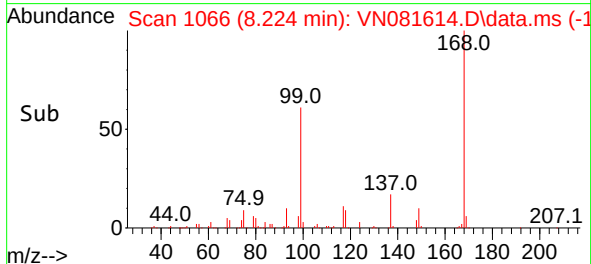
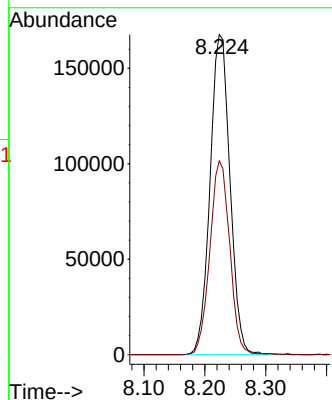
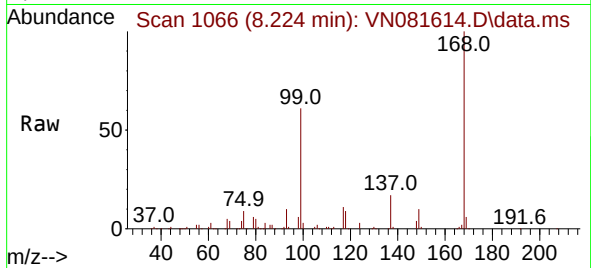




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

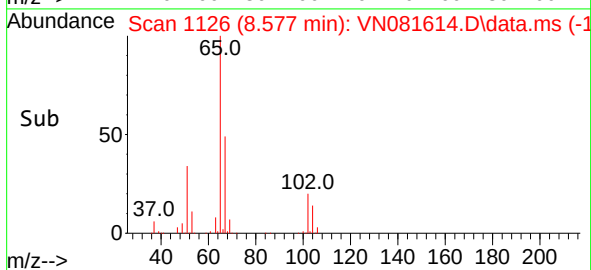
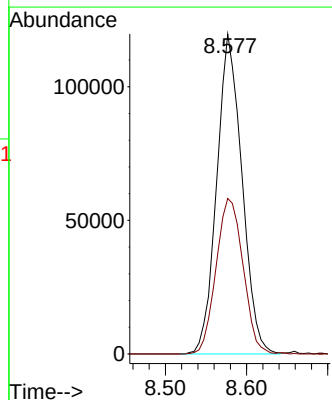
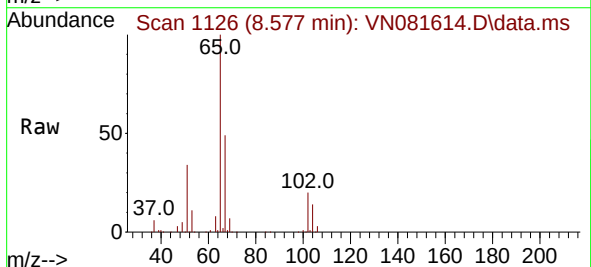
Instrument :
MSVOA_N
ClientSampleId :
IBLK

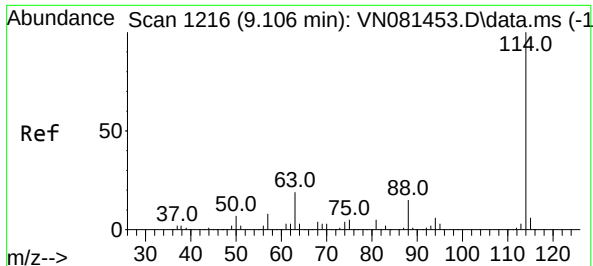
Tgt Ion:168 Resp: 381298
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.123 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 65 Resp: 258315
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081614.D

Acq: 29 Mar 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

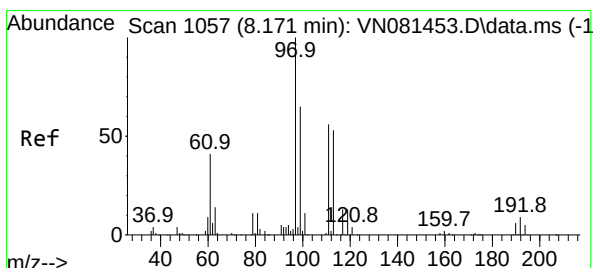
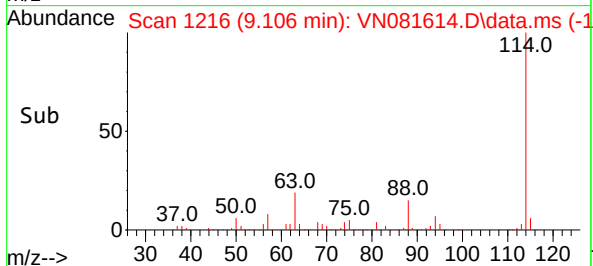
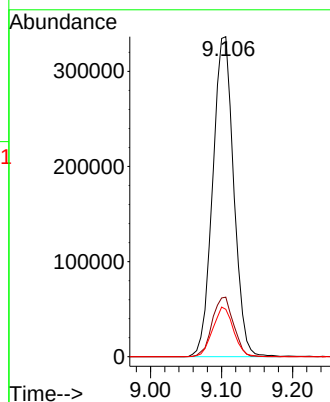
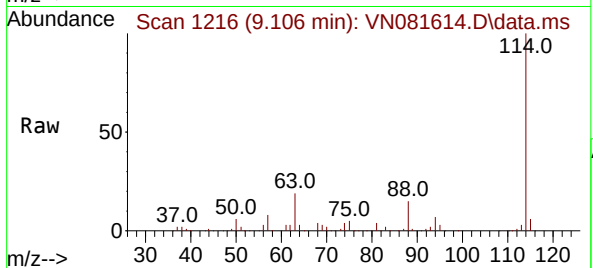
Tgt Ion:114 Resp: 689493

Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.113 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081614.D

Acq: 29 Mar 2024 14:41

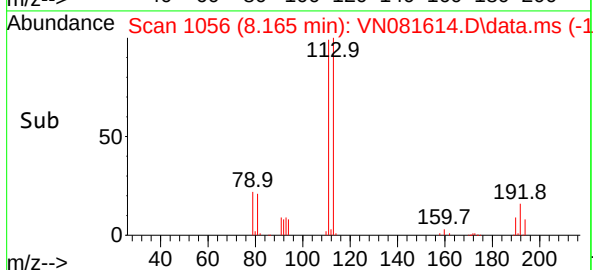
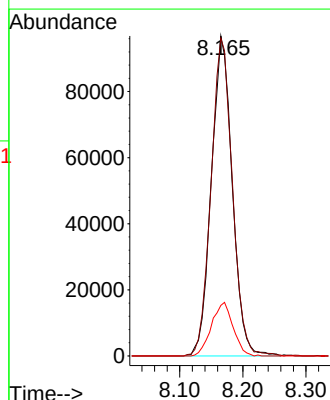
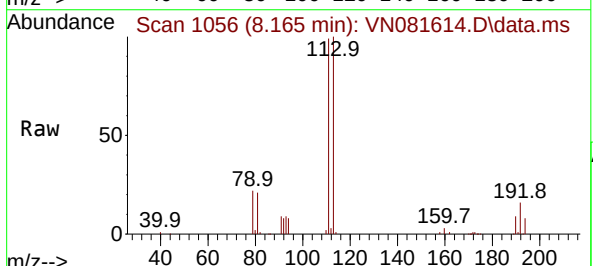
Tgt Ion:113 Resp: 222412

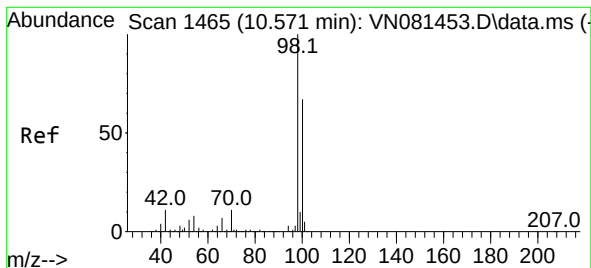
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 17.3 12.5 18.7

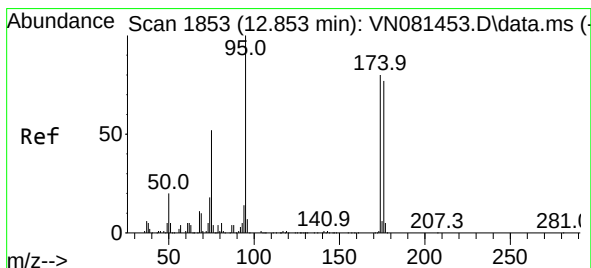
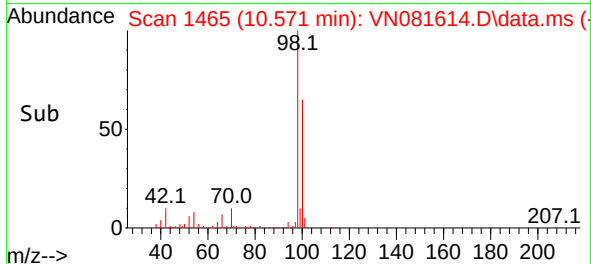
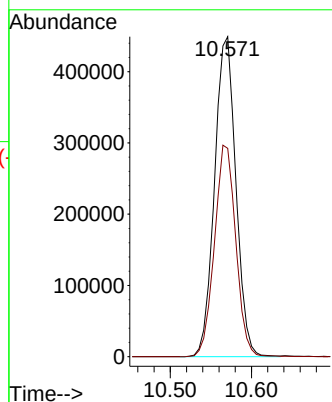
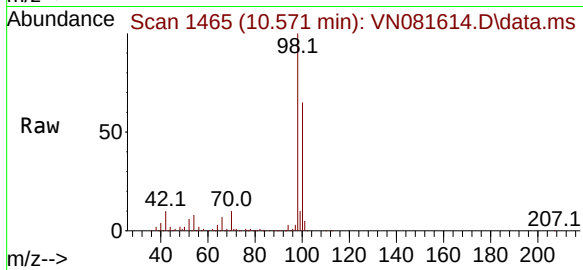




#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

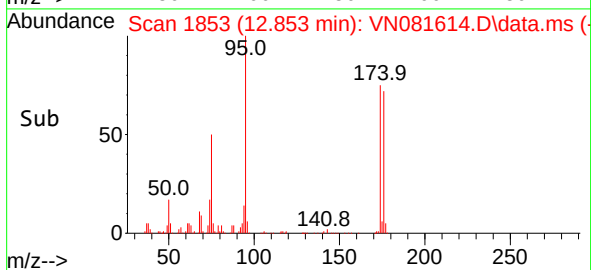
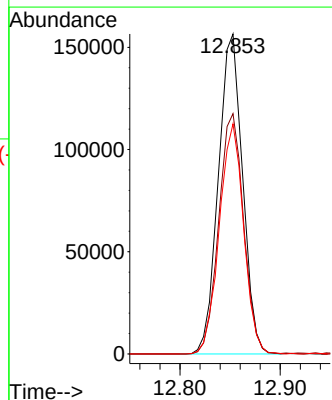
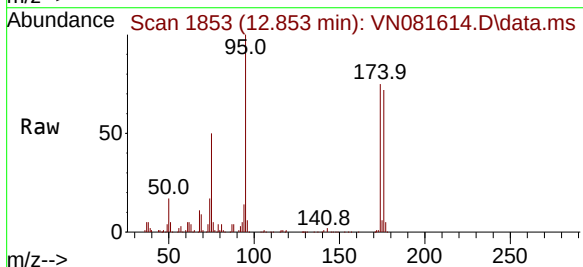
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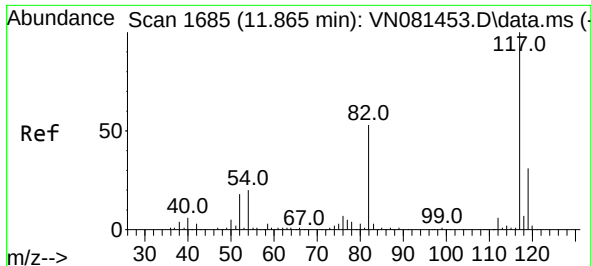
Tgt Ion: 98 Resp: 821650
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.371 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 95 Resp: 262559
Ion Ratio Lower Upper
95 100
174 76.9 0.0 120.4
176 72.3 0.0 121.0

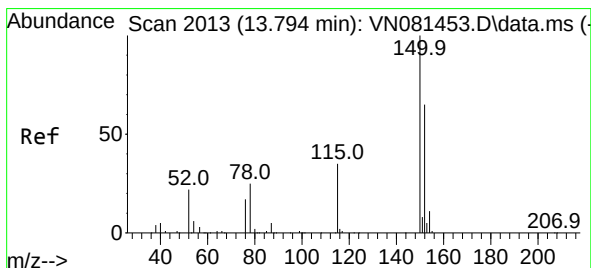
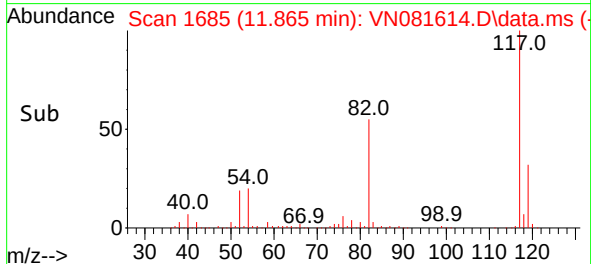
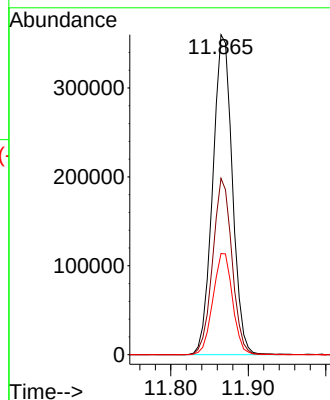
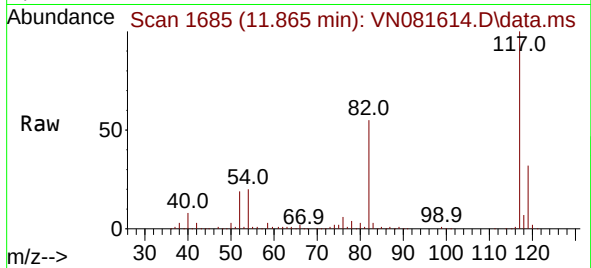




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 632679
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.6 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: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion:152 Resp: 248049
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 162.9 0.0 339.8

