

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081667.D
 Acq On : 08 Apr 2024 10:57
 Operator : JC\MD
 Sample : VN0408MBL01
 Misc : 5.00g/10.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408MBL01

Quant Time: Apr 09 01:52:34 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	371035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	654846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	584429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	241213	50.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.960%
35) Dibromofluoromethane	8.171	113	214335	51.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	10.565	98	765979	51.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.847	95	246796	46.883	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.760%

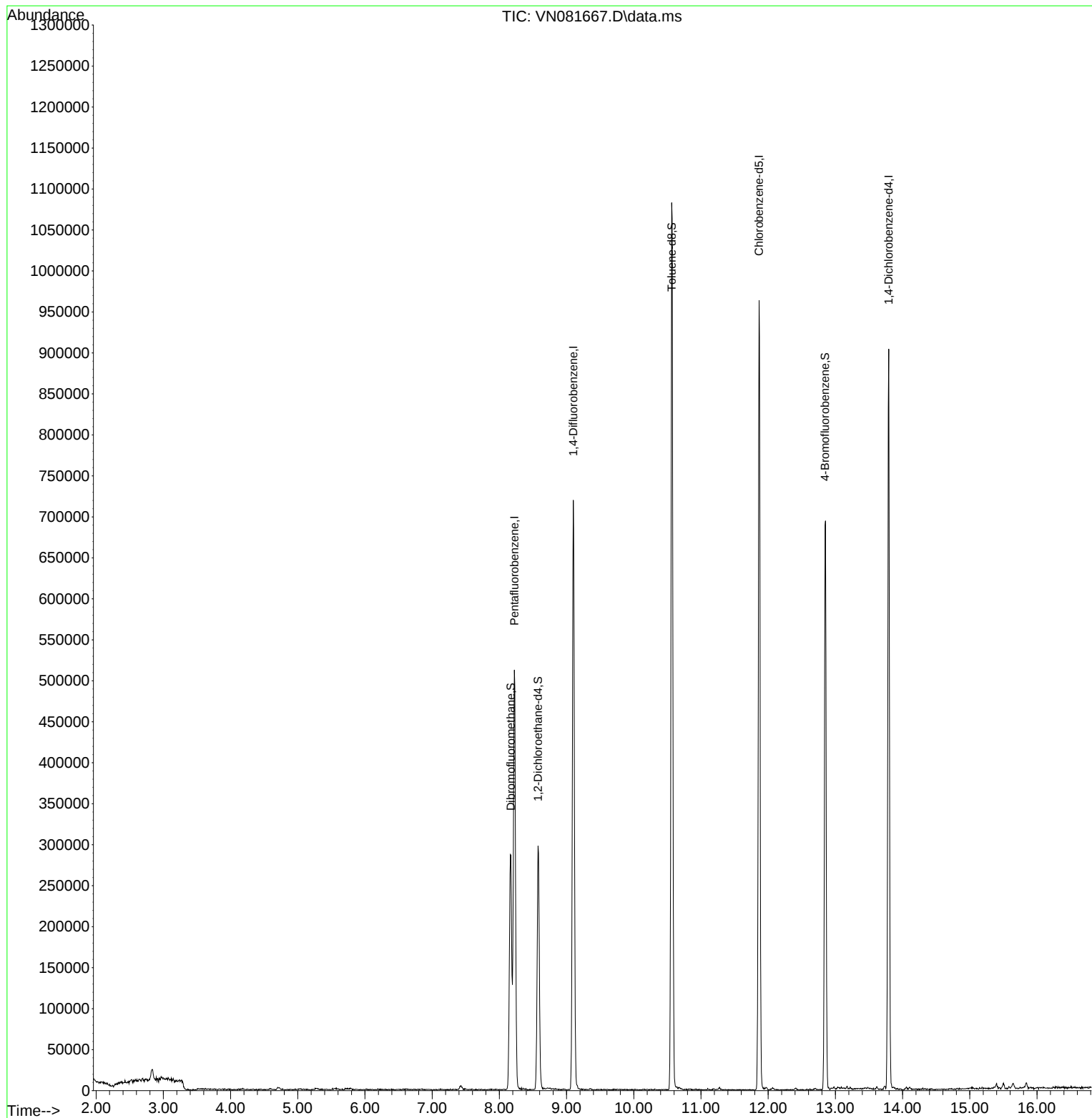
Target Compounds	Qvalue

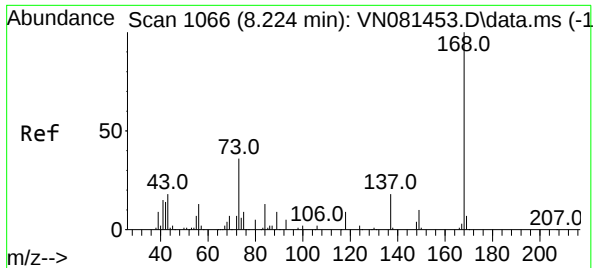
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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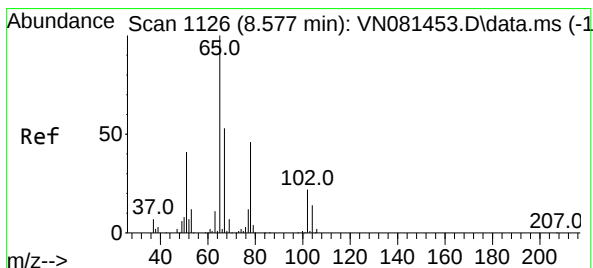
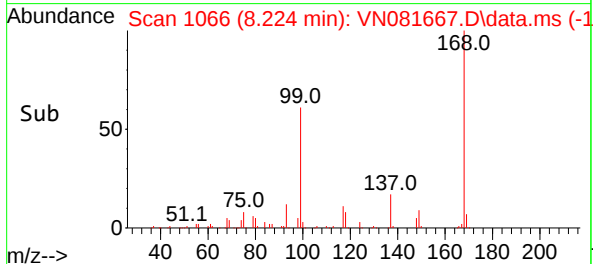
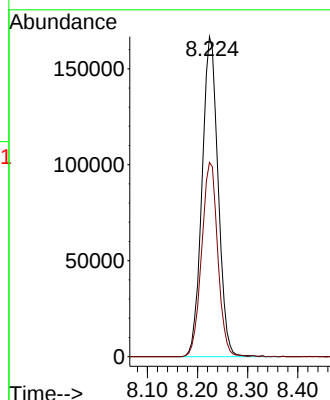
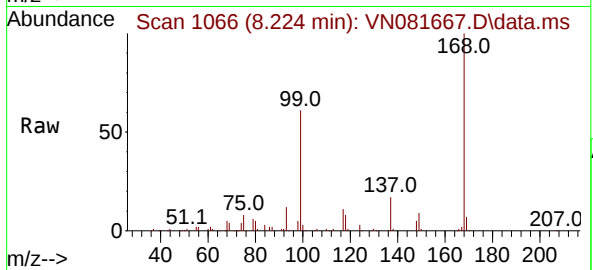




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081667.D
Acq: 08 Apr 2024 10:57

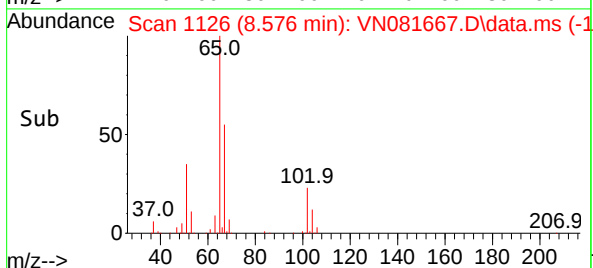
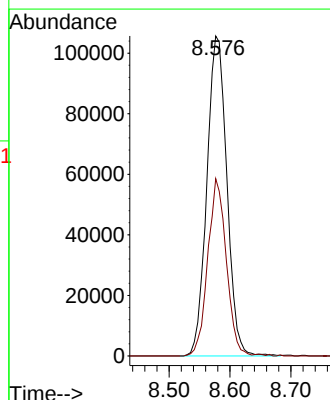
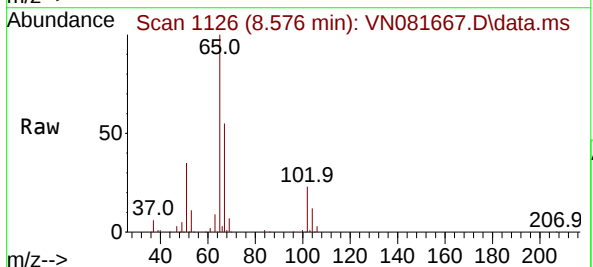
Instrument :
MSVOA_N
ClientSampleId :
VN0408MBL01

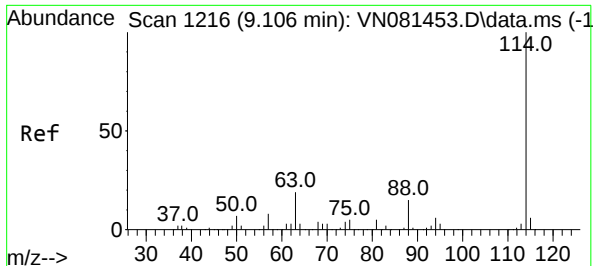
Tgt Ion:168 Resp: 371035
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 50.978 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081667.D
Acq: 08 Apr 2024 10:57

Tgt Ion: 65 Resp: 241213
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081667.D

Acq: 08 Apr 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0408MBL01

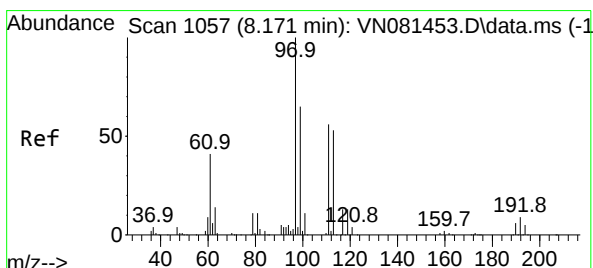
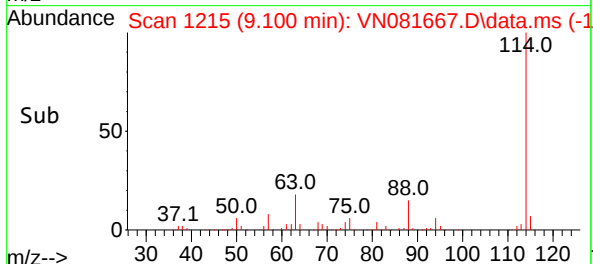
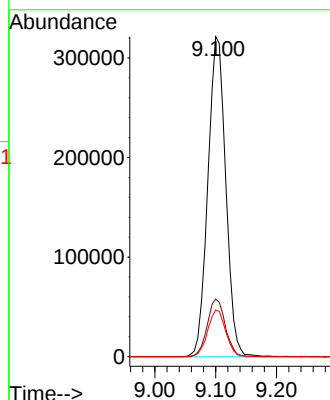
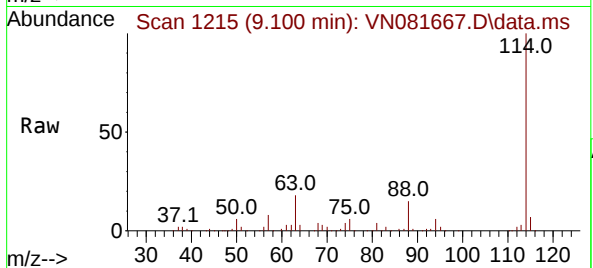
Tgt Ion:114 Resp: 654846

Ion Ratio Lower Upper

114 100

63 18.0 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.863 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081667.D

Acq: 08 Apr 2024 10:57

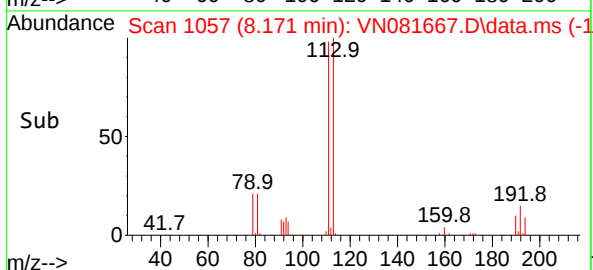
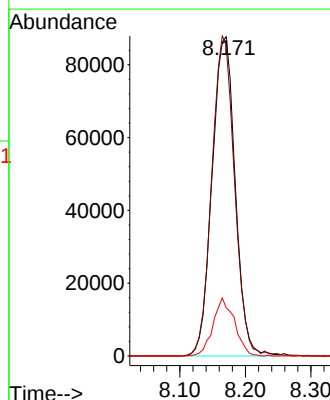
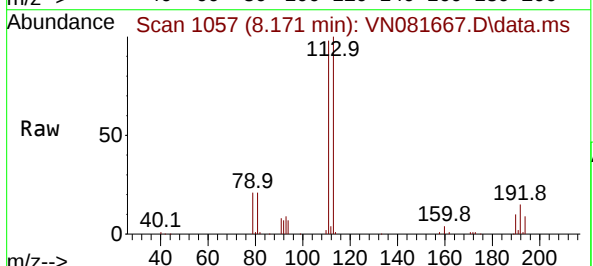
Tgt Ion:113 Resp: 214335

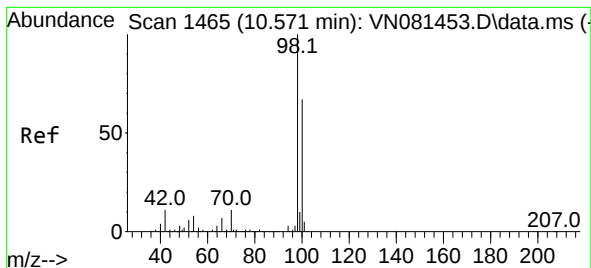
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 16.9 12.5 18.7

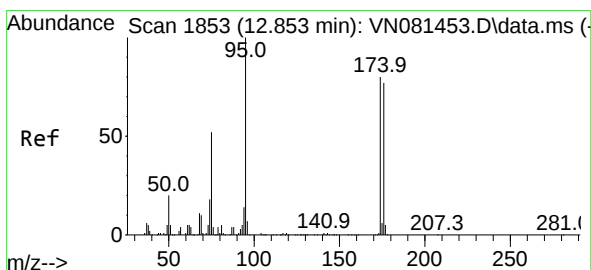
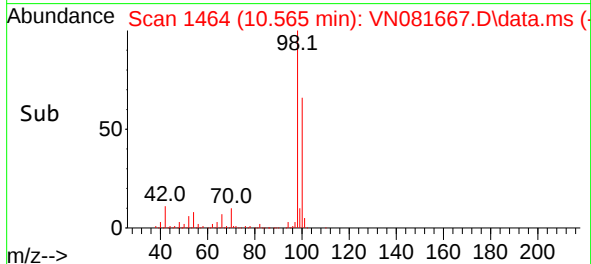
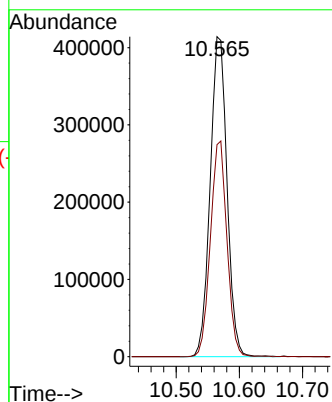
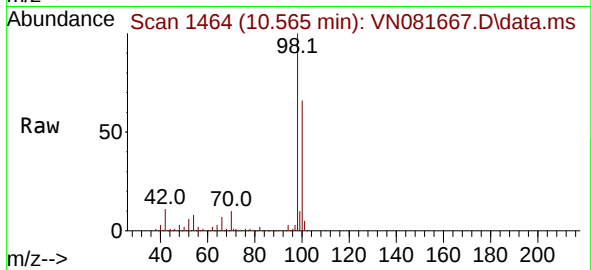




#50
Toluene-d8
Concen: 51.273 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081667.D
Acq: 08 Apr 2024 10:57

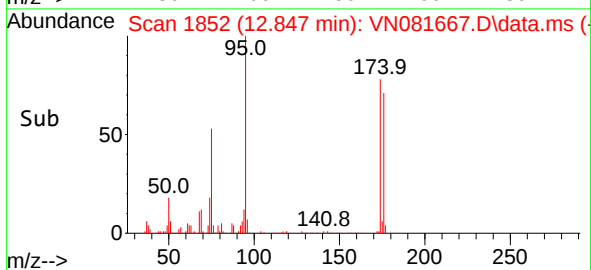
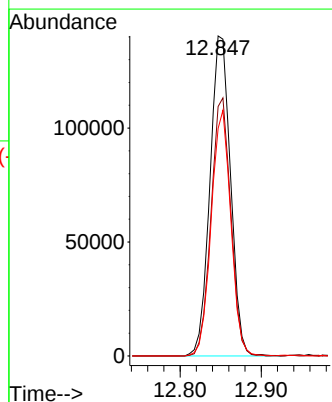
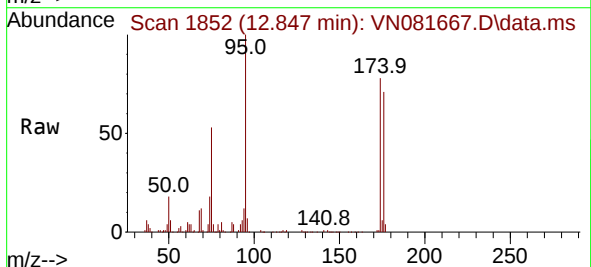
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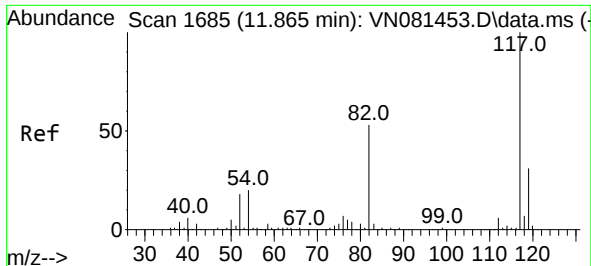
Tgt Ion: 98 Resp: 765979
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081667.D
Acq: 08 Apr 2024 10:57

Tgt Ion: 95 Resp: 246796
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 73.2 0.0 121.0

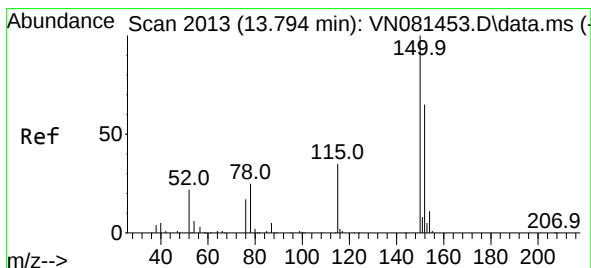
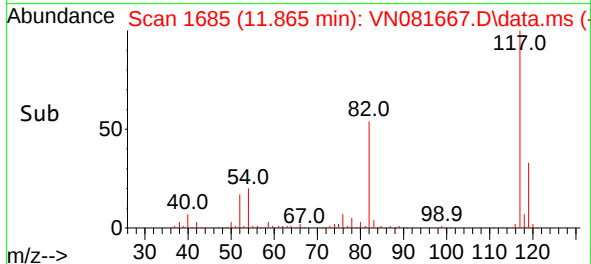
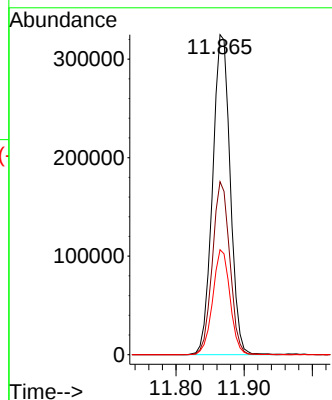
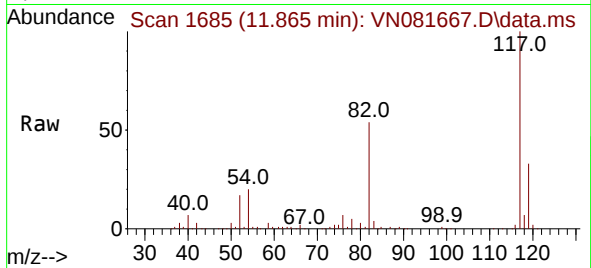




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081667.D
Acq: 08 Apr 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0408MBL01

Tgt Ion:117 Resp: 584429
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 32.8 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: VN081667.D
Acq: 08 Apr 2024 10:57

Tgt Ion:152 Resp: 240170
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 156.7 0.0 339.8

