

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081740.D
 Acq On : 15 Apr 2024 16:12
 Operator : JC\MD
 Sample : VN0415MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBL01

Quant Time: Apr 15 23:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	205148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150965	52.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.600%
35) Dibromofluoromethane	8.165	113	124086	50.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.571	98	453852	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	141199	45.798	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.600%

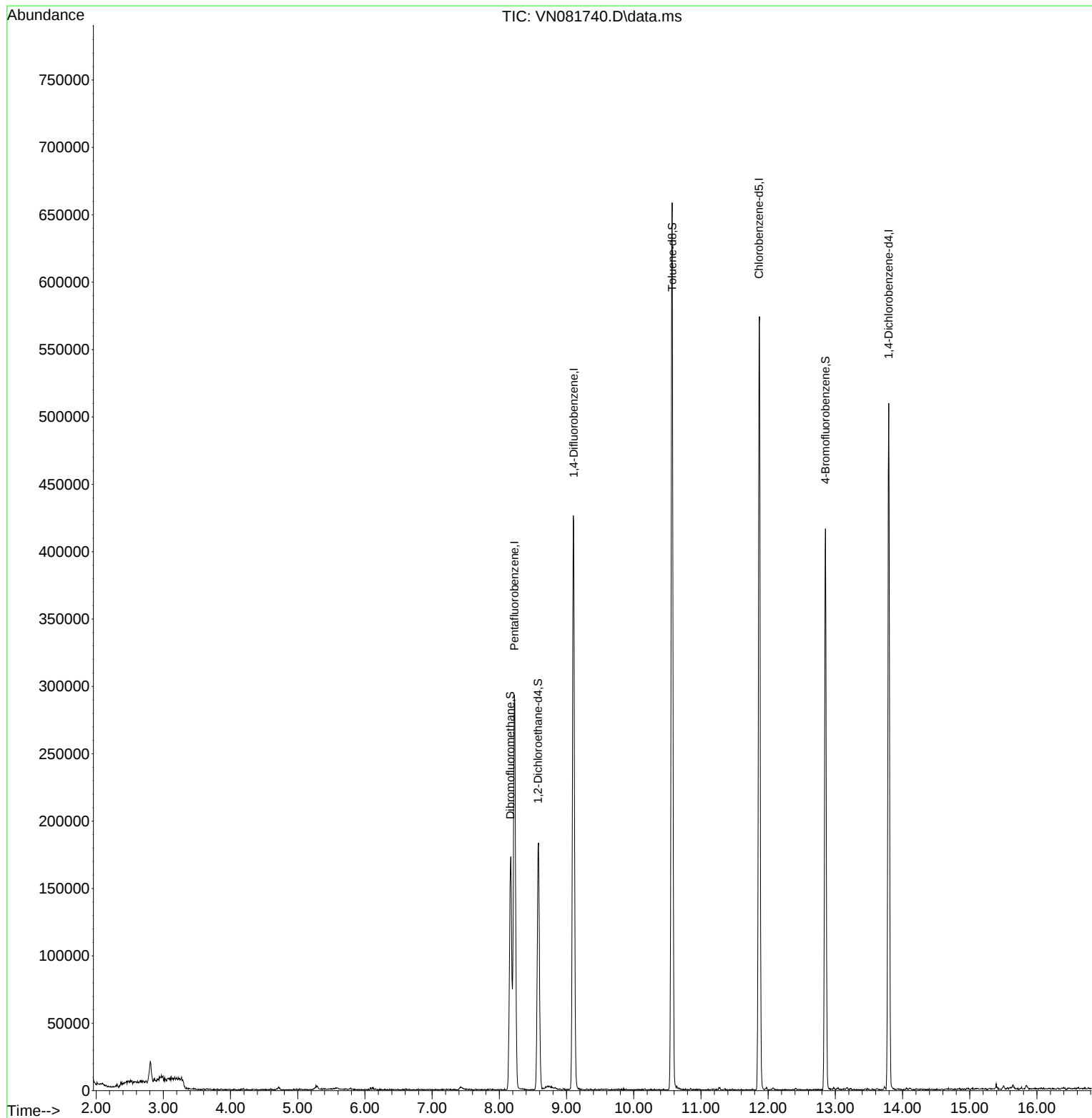
Target Compounds	Qvalue

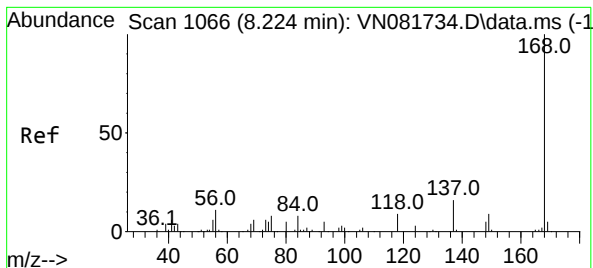
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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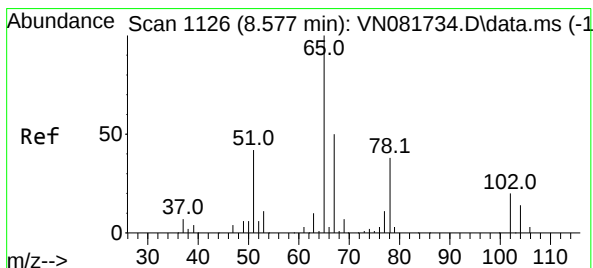
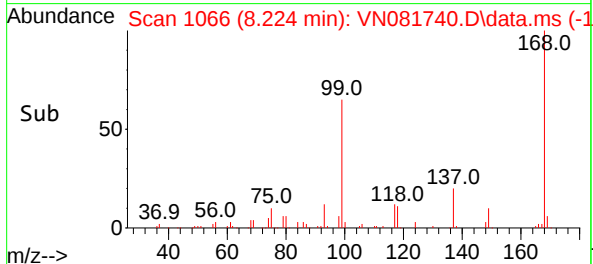
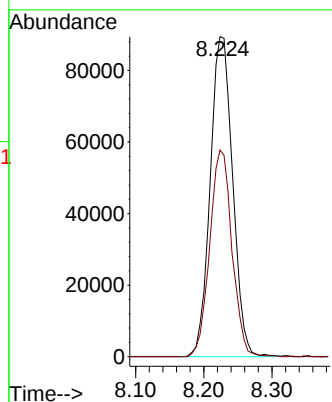
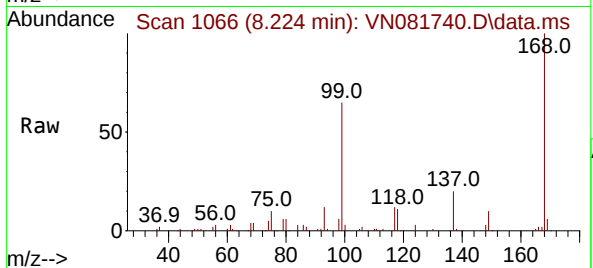




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081740.D
Acq: 15 Apr 2024 16:12

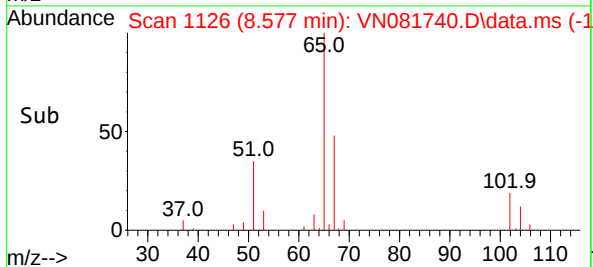
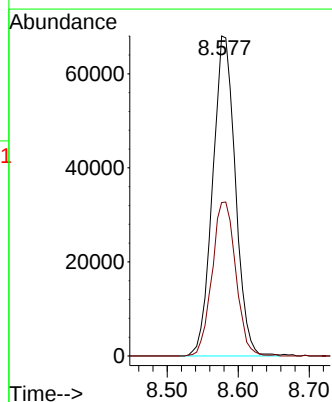
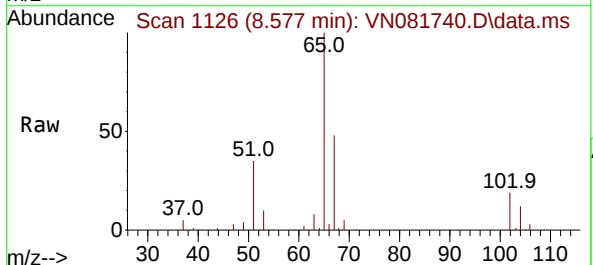
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBL01

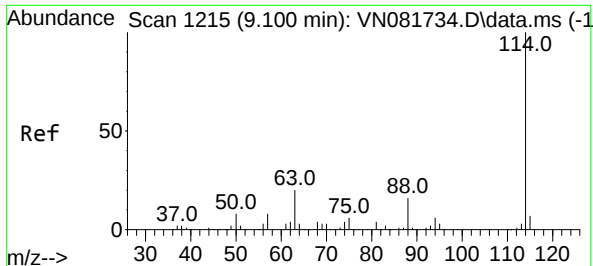
Tgt Ion:168 Resp: 205148
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.296 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081740.D
Acq: 15 Apr 2024 16:12

Tgt Ion: 65 Resp: 150965
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081740.D

Acq: 15 Apr 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBL01

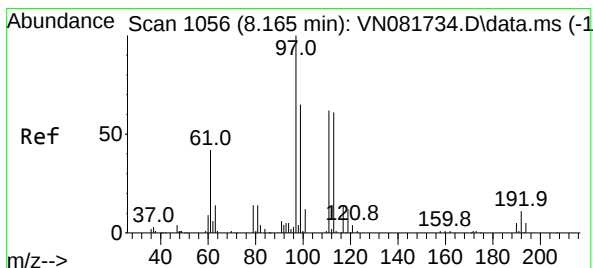
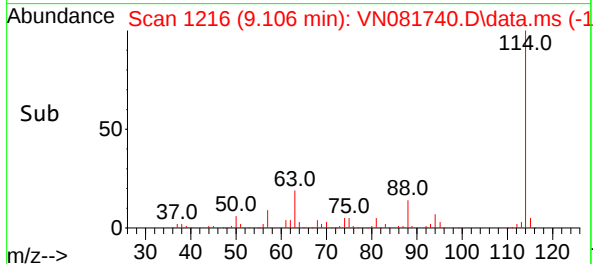
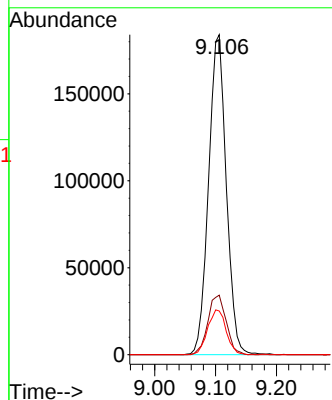
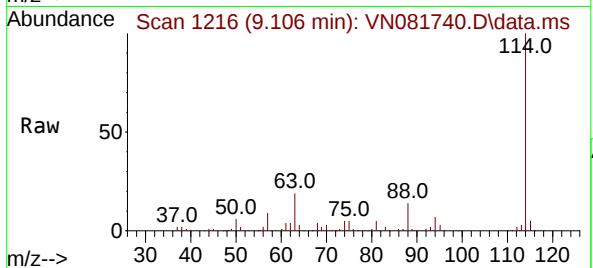
Tgt Ion:114 Resp: 370871

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.0

88 13.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.667 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081740.D

Acq: 15 Apr 2024 16:12

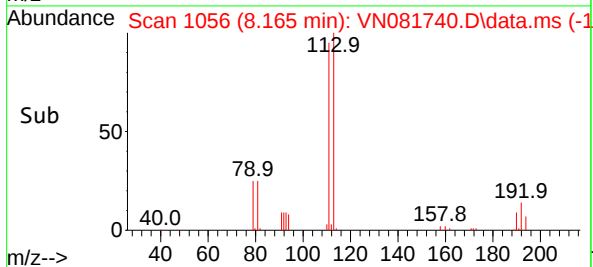
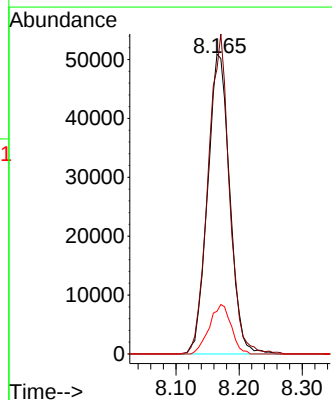
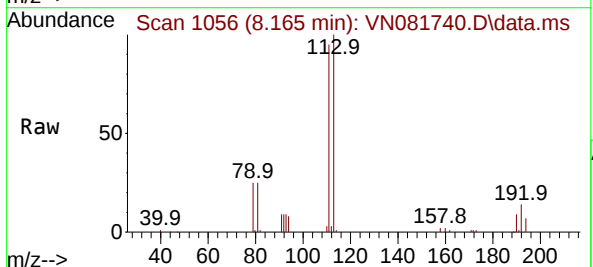
Tgt Ion:113 Resp: 124086

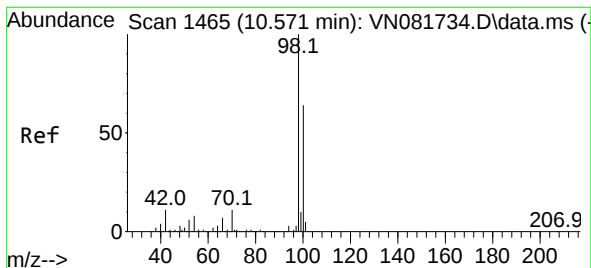
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 16.2 14.0 21.0

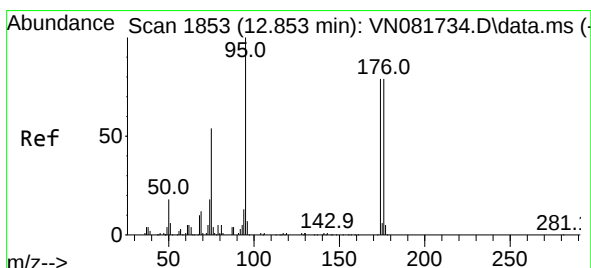
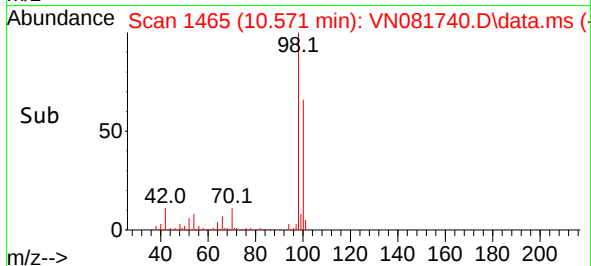
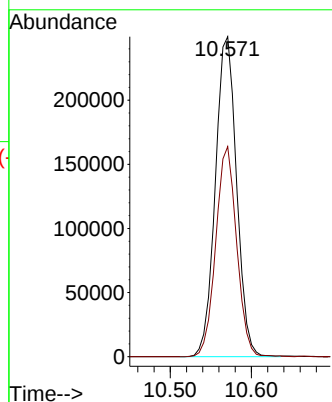
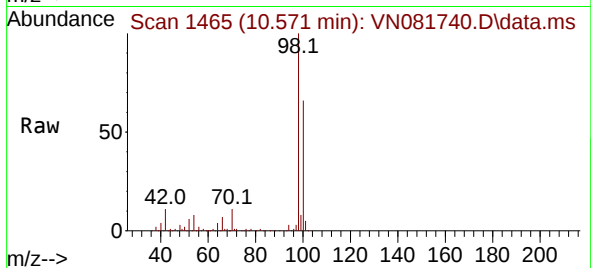




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081740.D
Acq: 15 Apr 2024 16:12

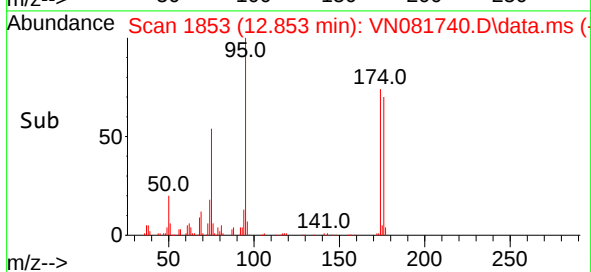
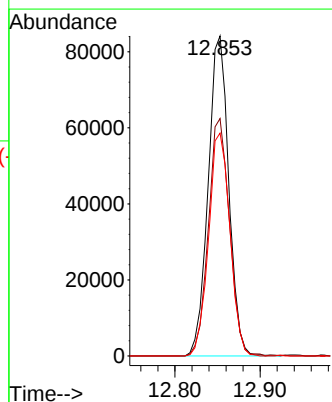
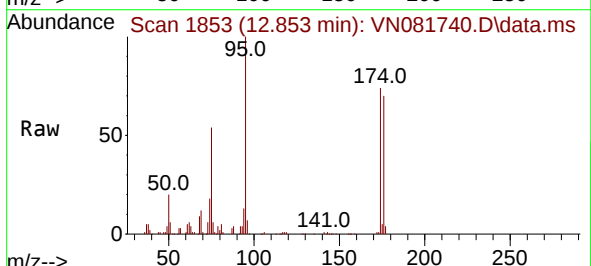
Instrument :
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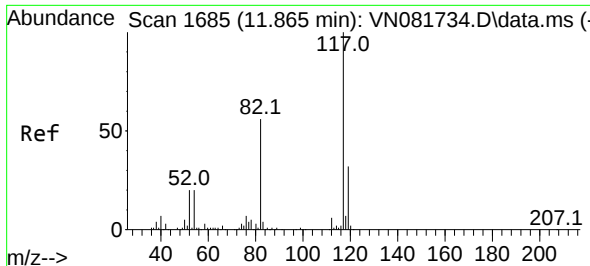
Tgt Ion: 98 Resp: 453852
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.798 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081740.D
Acq: 15 Apr 2024 16:12

Tgt Ion: 95 Resp: 141199
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 72.0 0.0 152.8

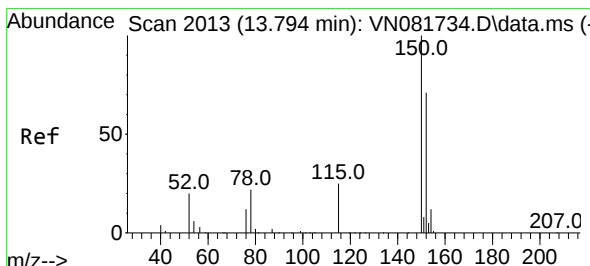
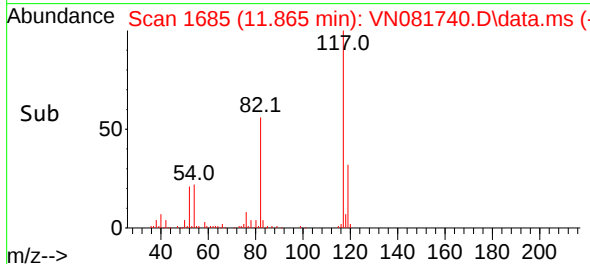
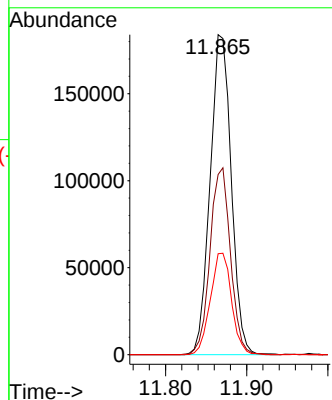
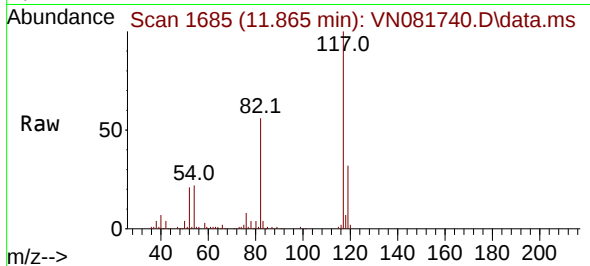




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081740.D
Acq: 15 Apr 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0415MBL01

Tgt Ion:117 Resp: 332809
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 31.6 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: VN081740.D
Acq: 15 Apr 2024 16:12

Tgt Ion:152 Resp: 132682
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 158.5 0.0 353.2

