

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081056.D
 Acq On : 16 Feb 2024 16:31
 Operator : JC\MD
 Sample : VN0216WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL01

Quant Time: Feb 16 23:47:33 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	8.224	168	369920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	698433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	592458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218778	48.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.165	113	184884	46.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.571	98	608274	43.364	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.720%
62) 4-Bromofluorobenzene	12.853	95	225551	42.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.580%

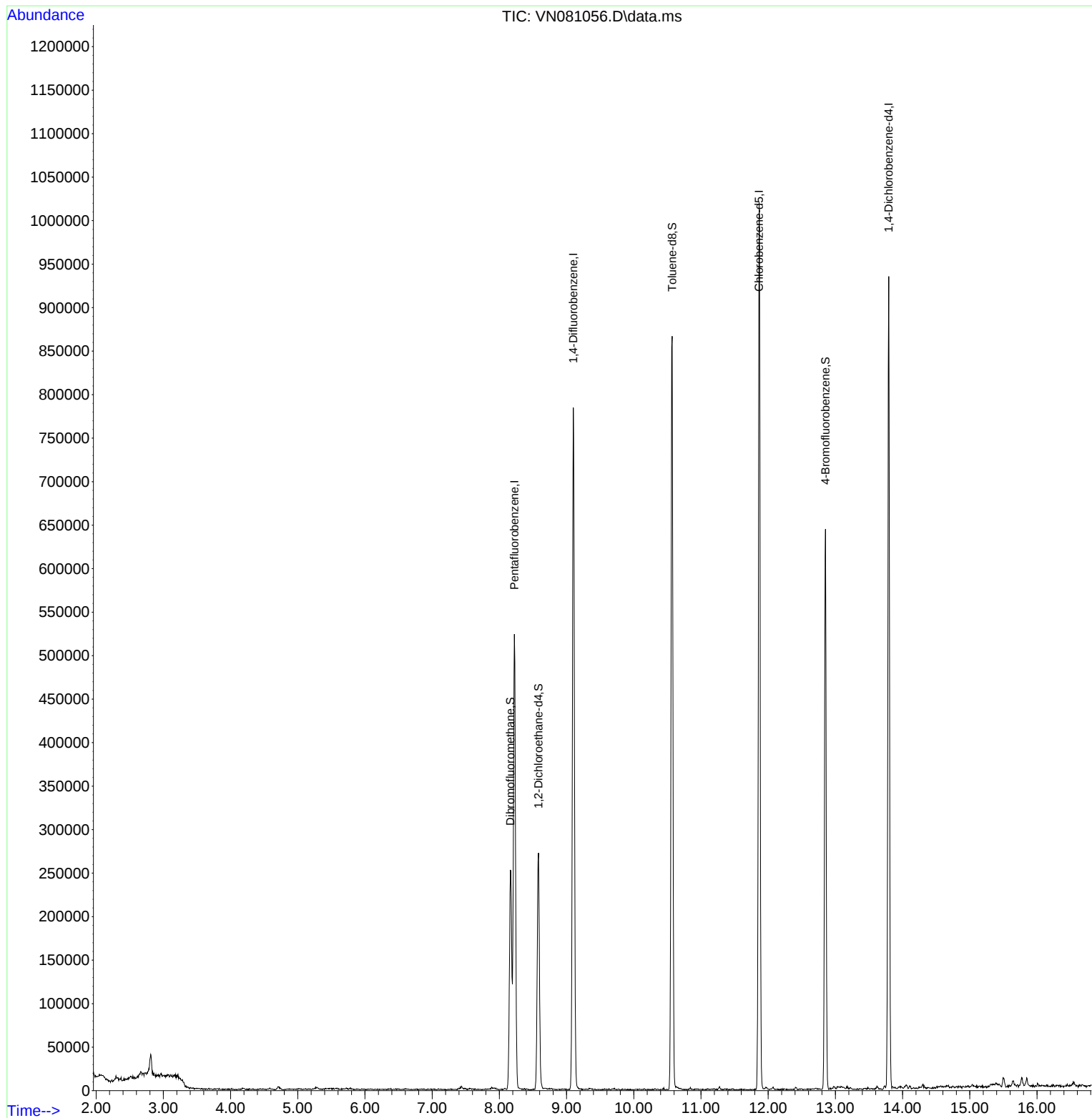
Target Compounds	Qvalue

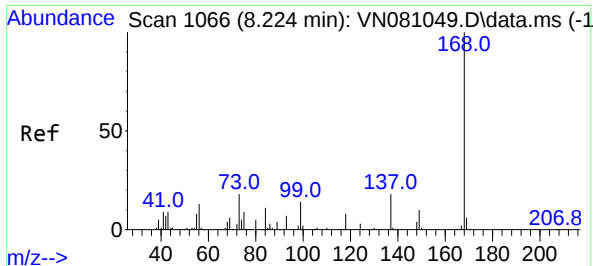
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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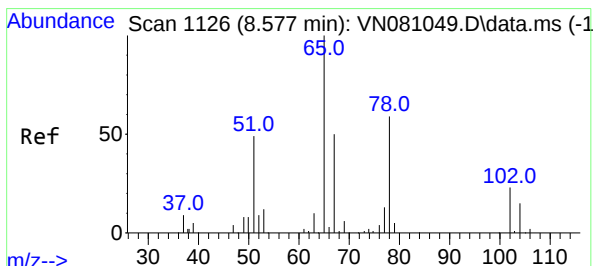
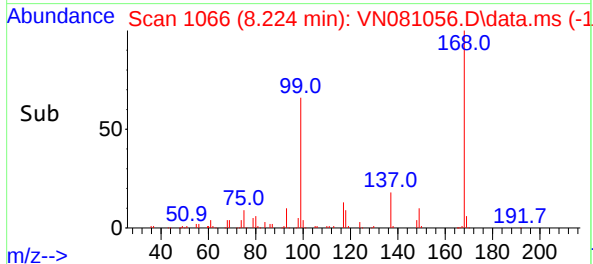
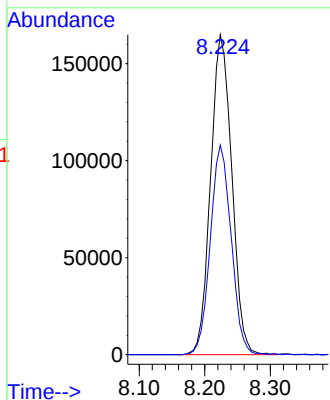
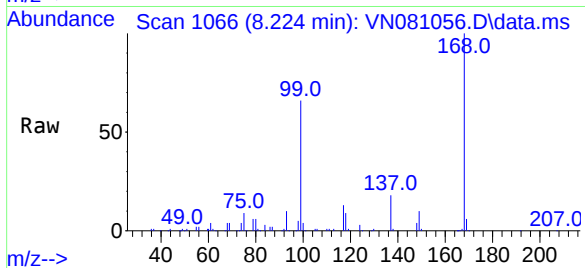




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

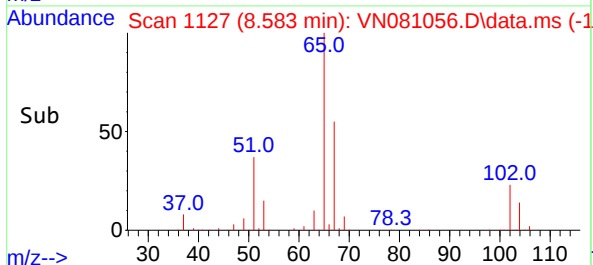
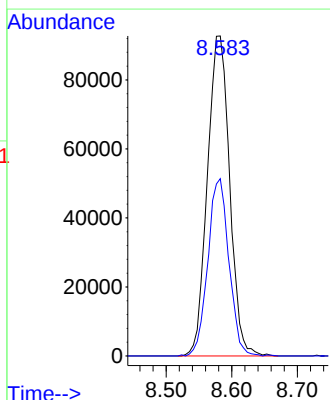
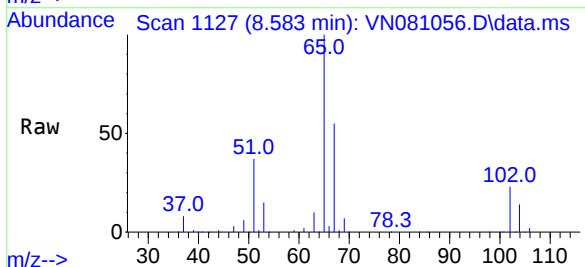
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

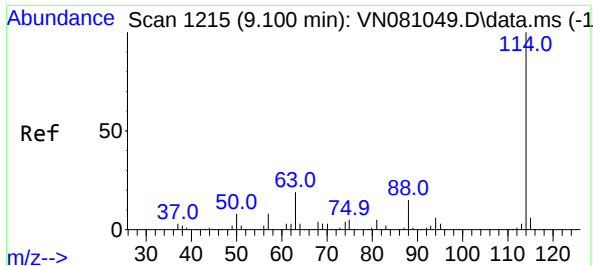
Tgt Ion:168 Resp: 369920
Ion Ratio Lower Upper
168 100
99 65.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

Tgt Ion: 65 Resp: 218778
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

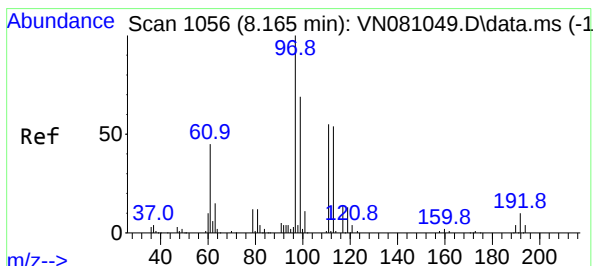
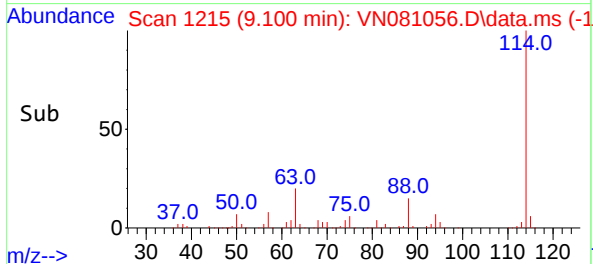
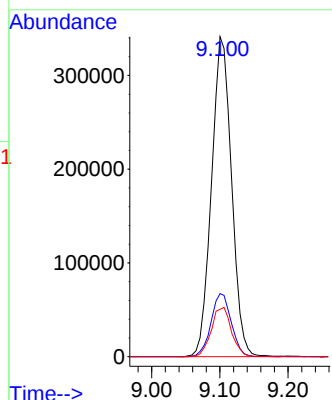
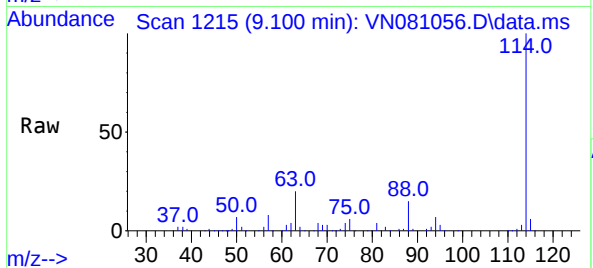




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

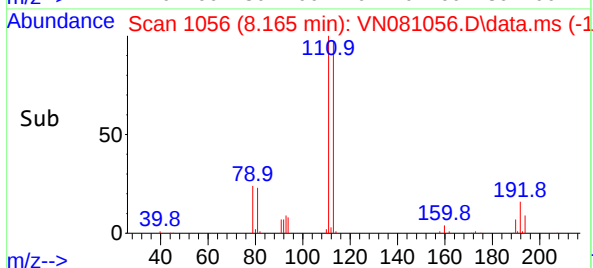
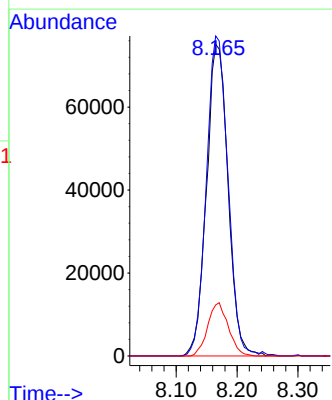
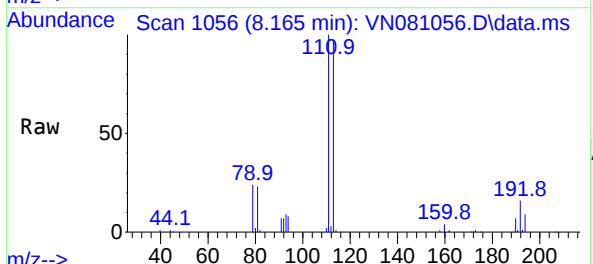
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

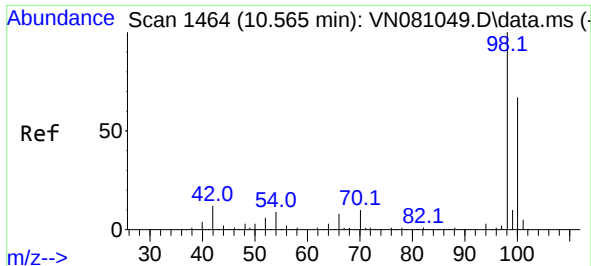
Tgt Ion:114 Resp: 698433
Ion Ratio Lower Upper
114 100
63 19.7 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

Tgt Ion:113 Resp: 184884
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.3 12.5 18.7

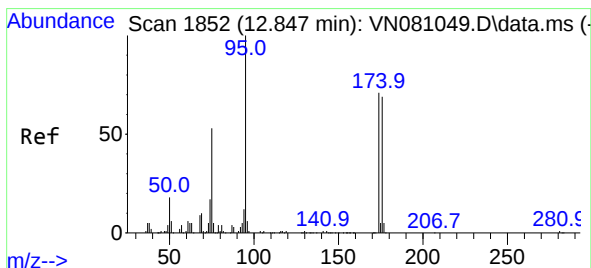
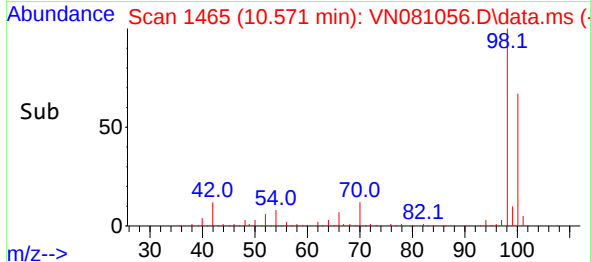
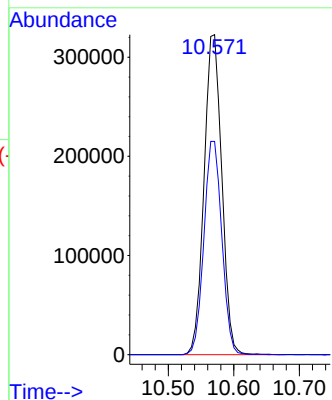
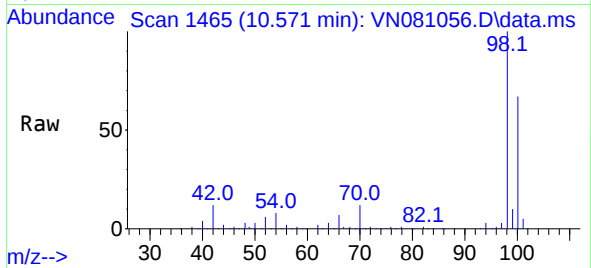




#50
Toluene-d8
Concen: 43.364 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

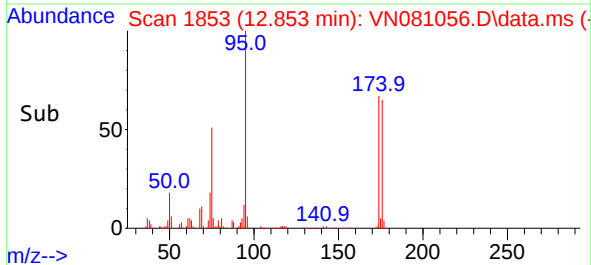
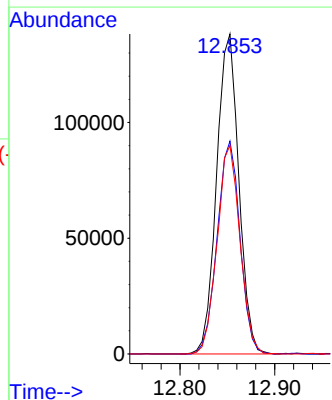
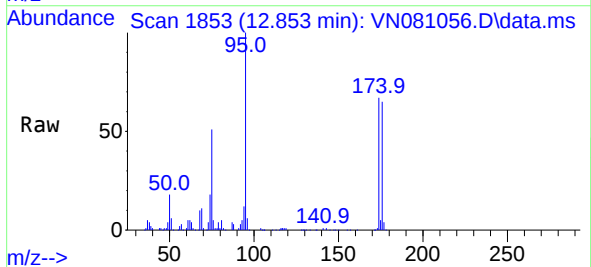
Instrument :
MSVOA_N
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VN0216WBL01

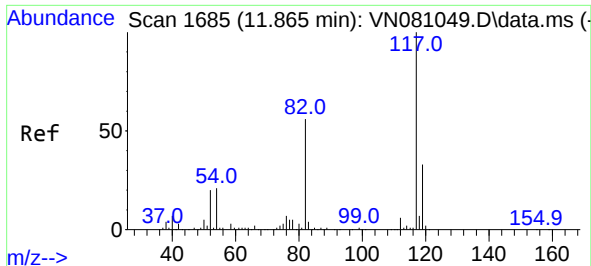
Tgt Ion: 98 Resp: 608274
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

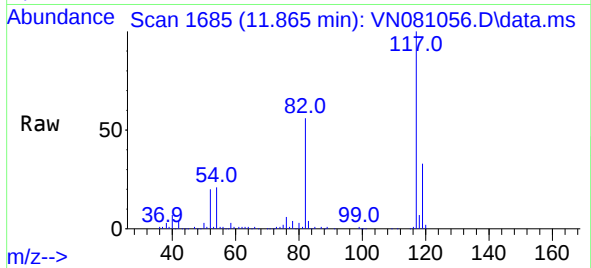
Tgt Ion: 95 Resp: 225551
Ion Ratio Lower Upper
95 100
174 68.2 0.0 120.4
176 66.7 0.0 121.0



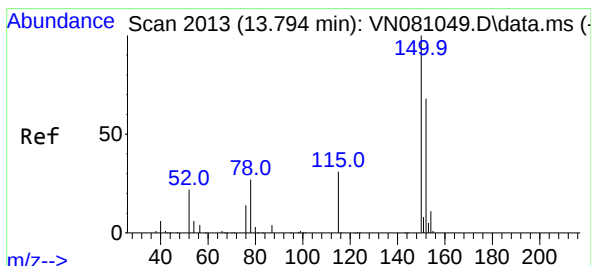
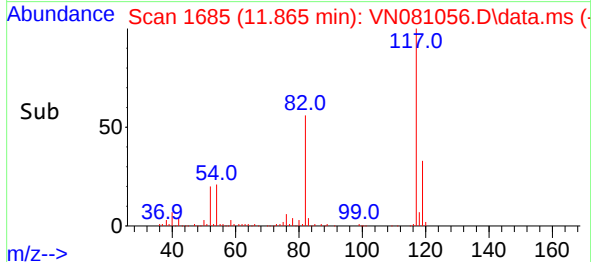
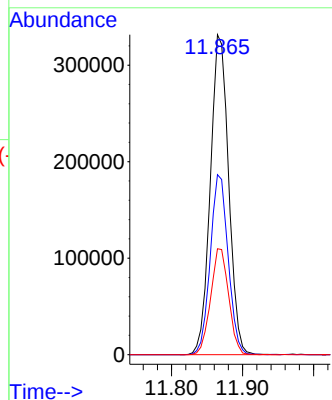


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081056.D
Acq: 16 Feb 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01



Tgt Ion:117 Resp: 592458
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 33.1 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: VN081056.D
Acq: 16 Feb 2024 16:31

Tgt Ion:152 Resp: 239435
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 157.2 0.0 339.8

