

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083054.D
 Acq On : 26 Jul 2024 16:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 26 23:09:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119784	59.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.580%
35) Dibromofluoromethane	8.171	113	100230	53.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	10.571	98	338261	48.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.853	95	110012	43.900	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.800%

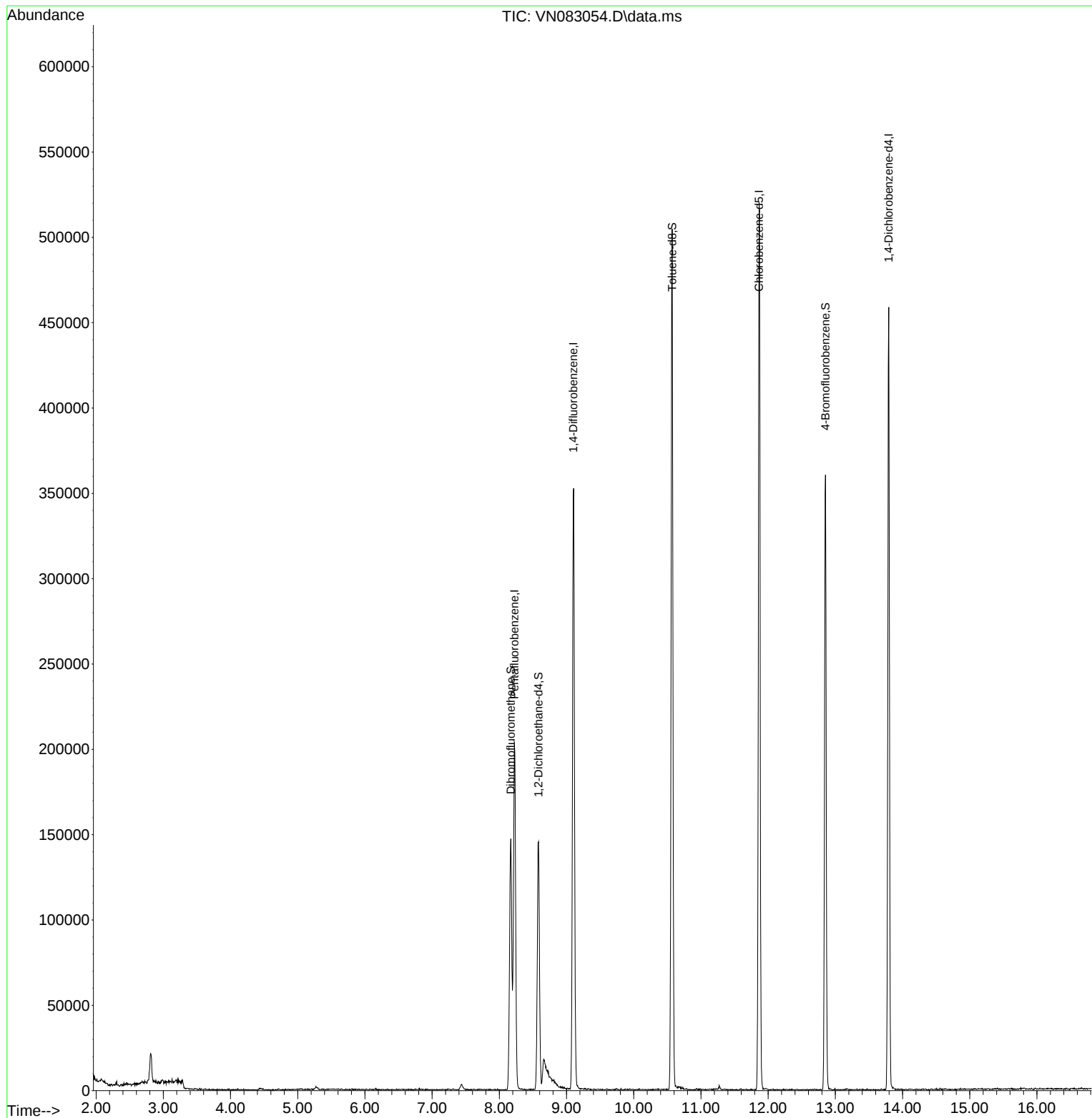
Target Compounds	Qvalue

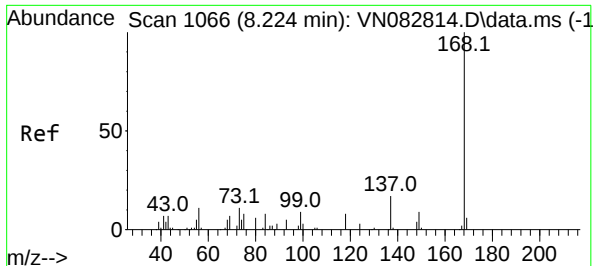
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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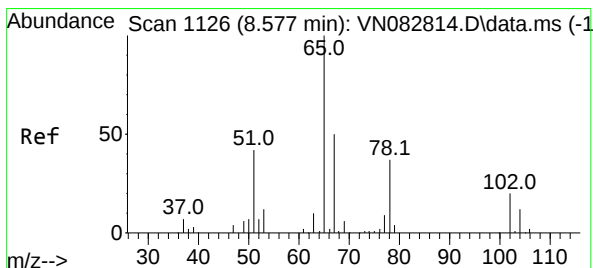
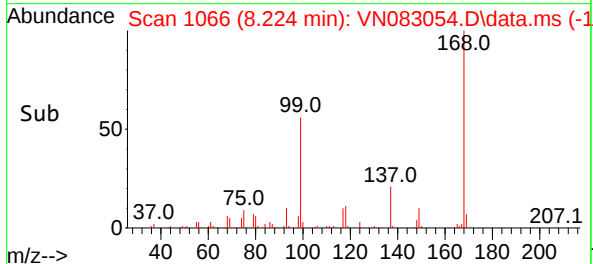
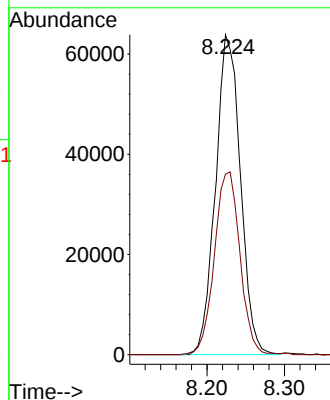
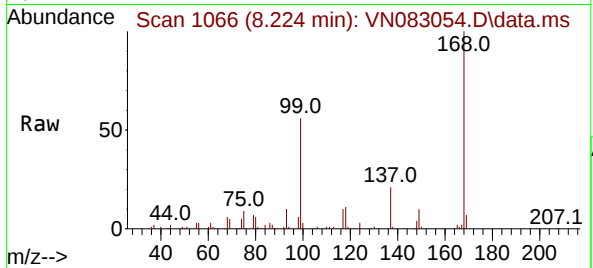




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

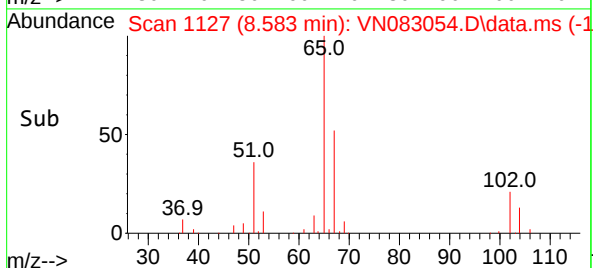
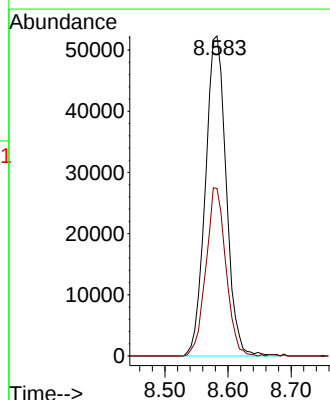
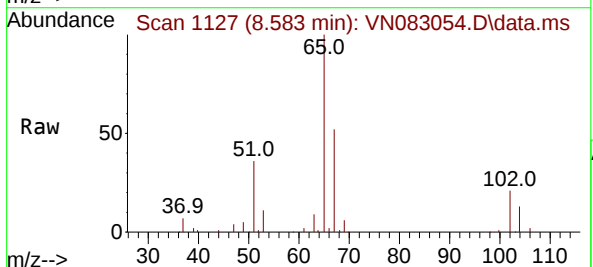
Instrument :
MSVOA_N
ClientSampleId :
IBLK

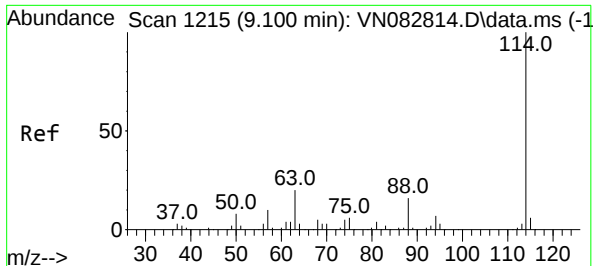
Tgt Ion:168 Resp: 142926
Ion Ratio Lower Upper
168 100
99 56.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.786 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion: 65 Resp: 119784
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

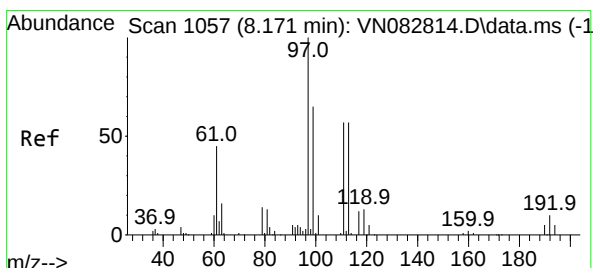
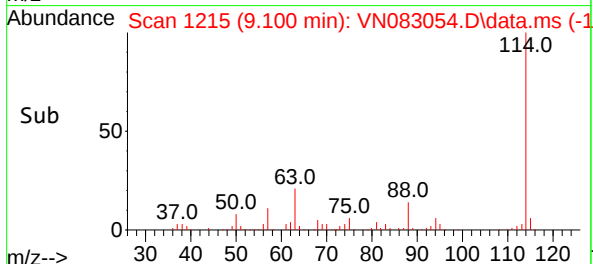
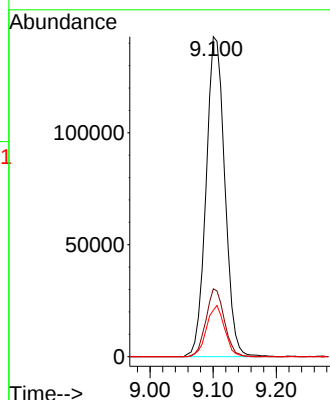
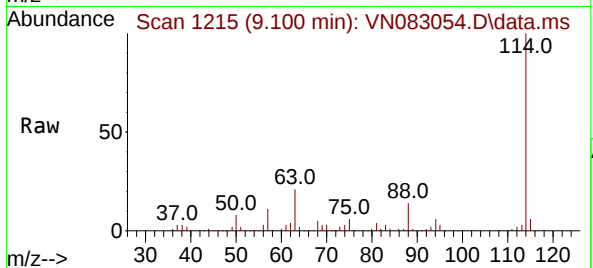
Tgt Ion:114 Resp: 294358

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 14.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.065 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

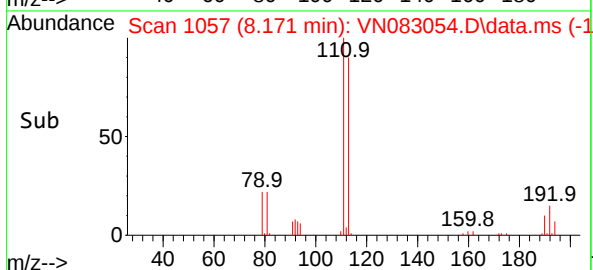
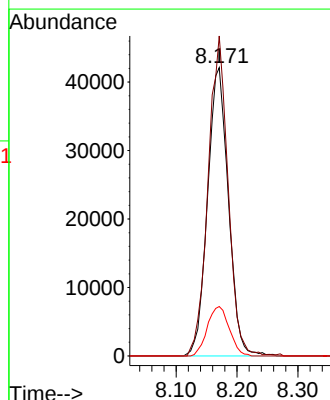
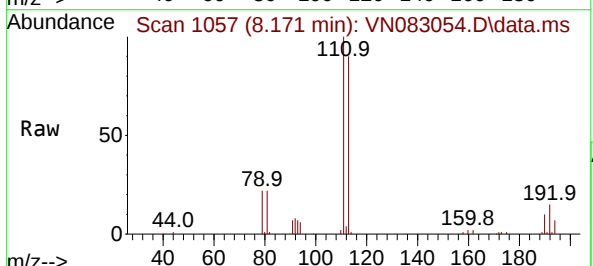
Tgt Ion:113 Resp: 100230

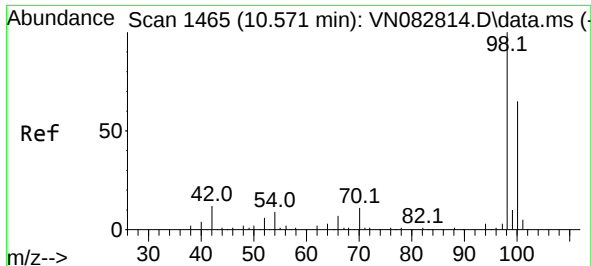
Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 18.0 14.9 22.3

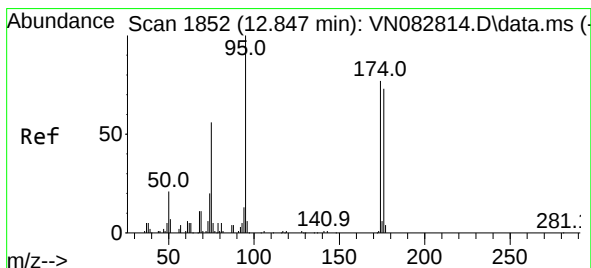
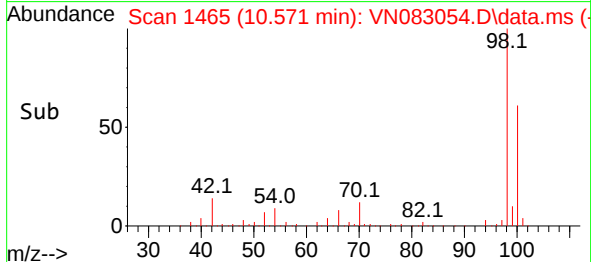
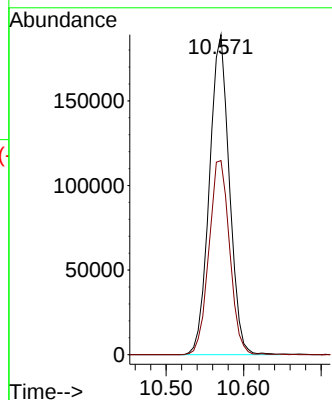
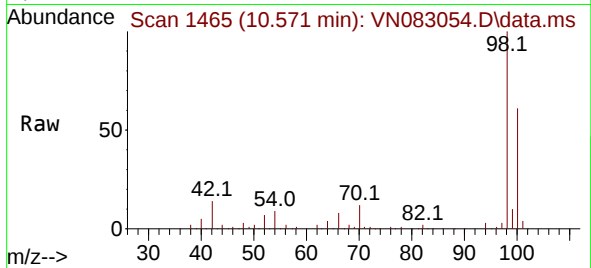




#50
Toluene-d8
Concen: 48.487 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

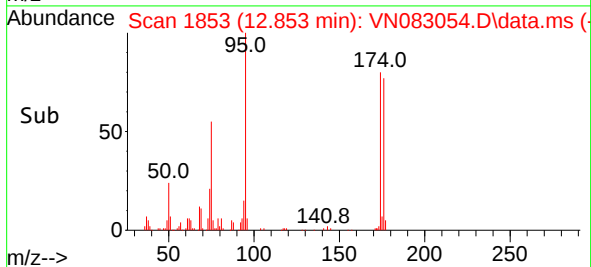
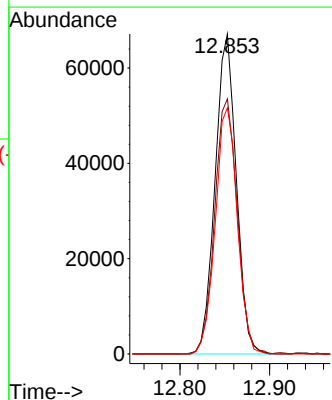
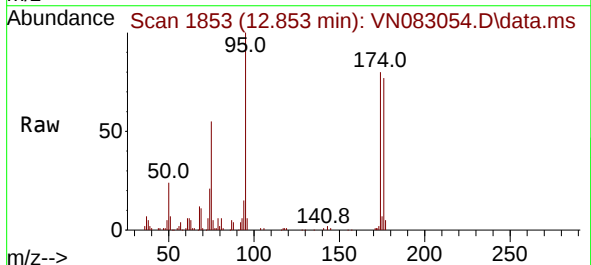
Instrument :
MSVOA_N
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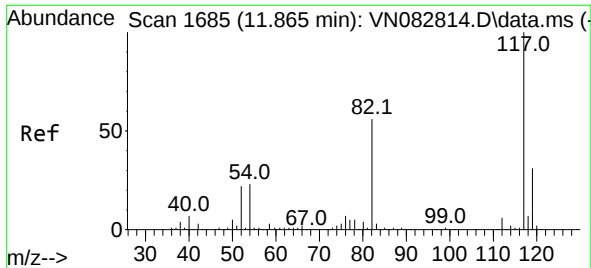
Tgt Ion: 98 Resp: 338261
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.900 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion: 95 Resp: 110012
Ion Ratio Lower Upper
95 100
174 84.9 0.0 159.2
176 80.0 0.0 147.6

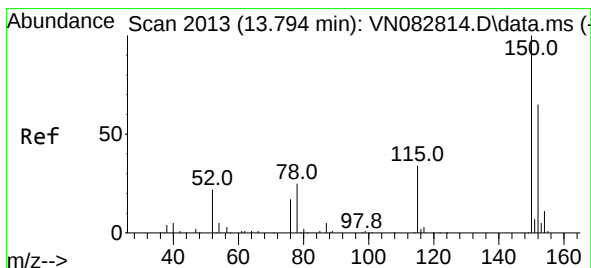
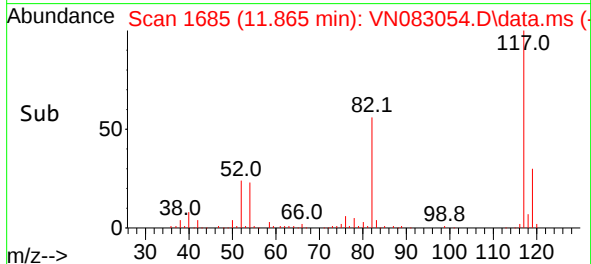
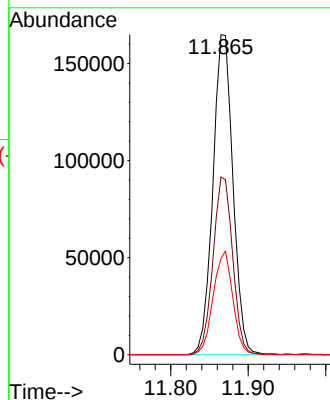
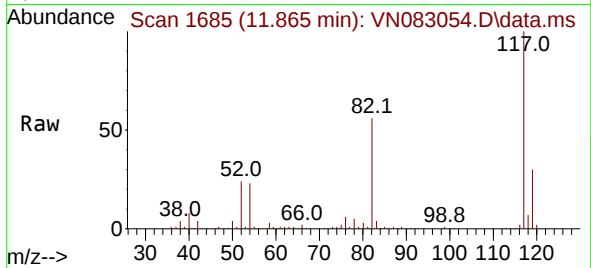




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 296210
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 30.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion:152 Resp: 119337
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 155.3 0.0 348.6

