

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082937.D
 Acq On : 16 Jul 2024 15:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 17 00:56:50 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	8.206	168	76603	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	9.088	114	152016	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.865	117	151685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	63692	59.314	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.620%
35) Dibromofluoromethane	8.147	113	52601	53.925	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.559	98	184916	51.326	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.847	95	59728	46.152	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.300%

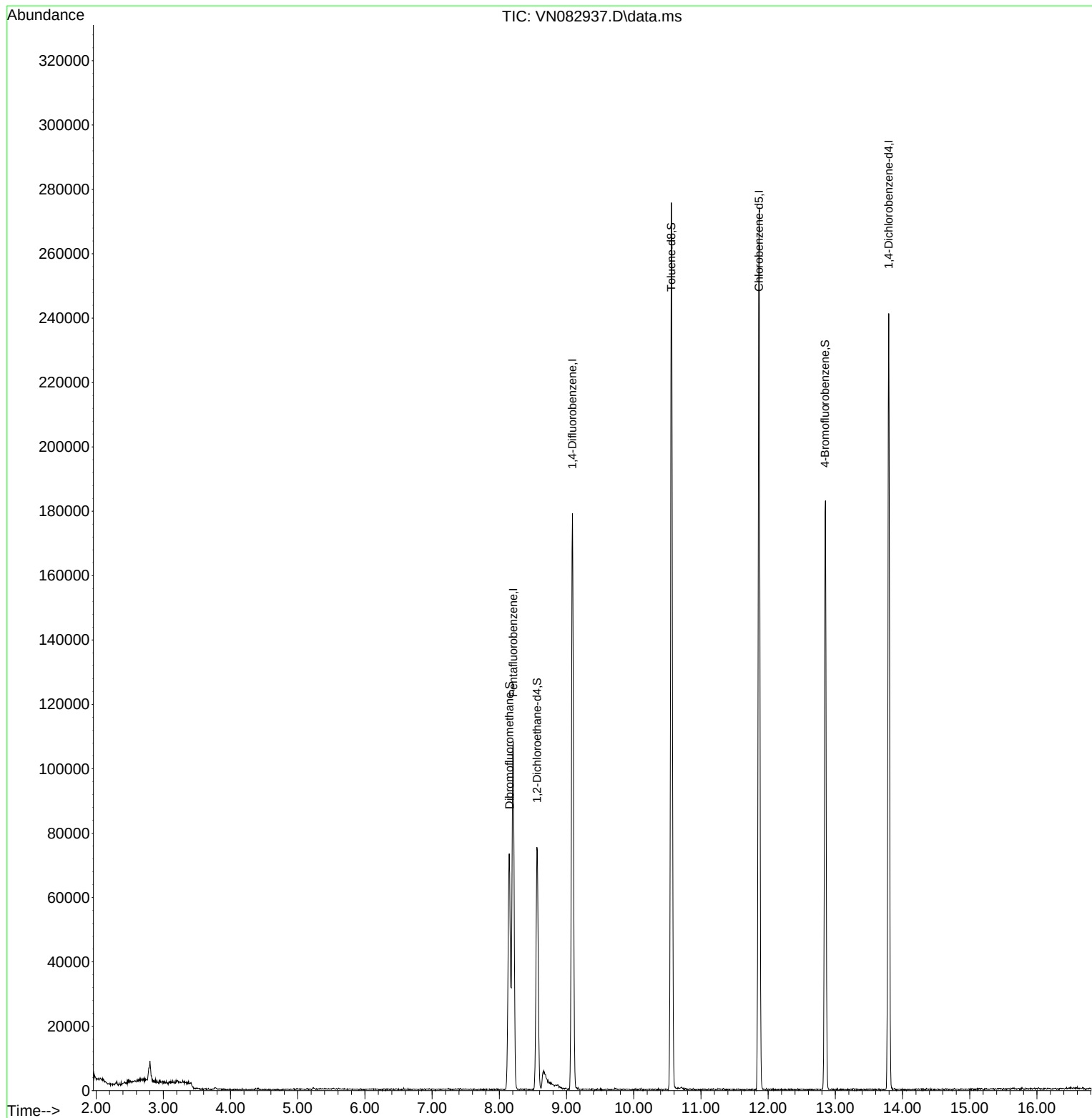
Target Compounds	Qvalue

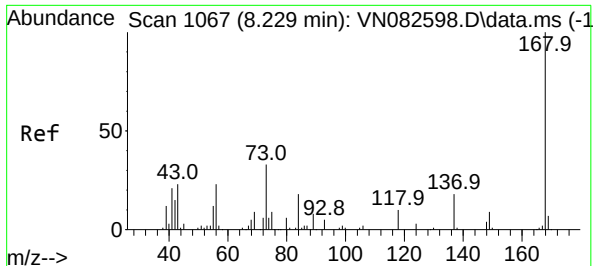
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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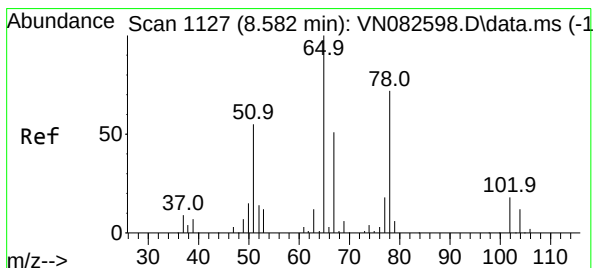
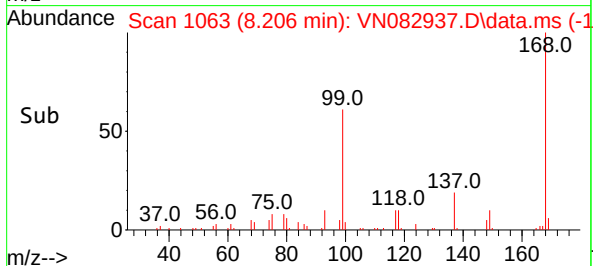
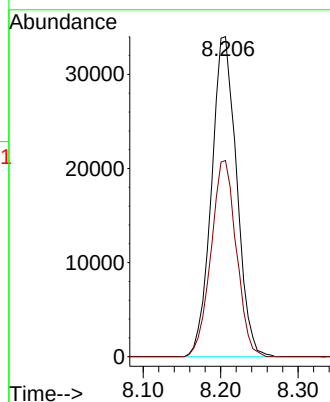
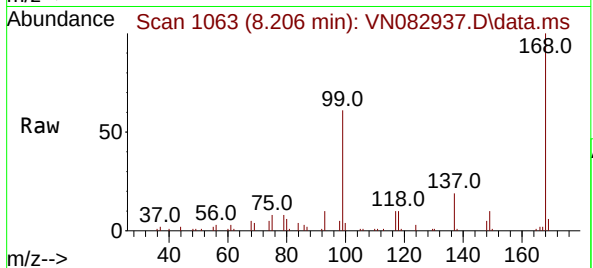




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.023 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

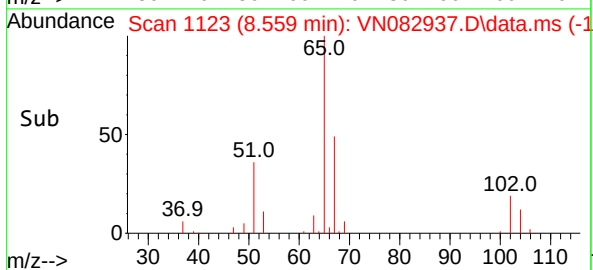
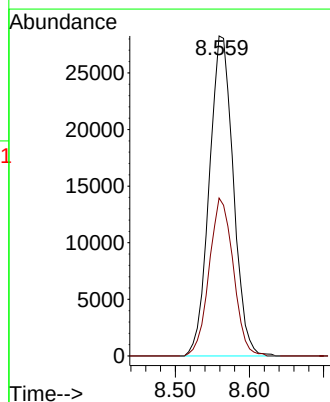
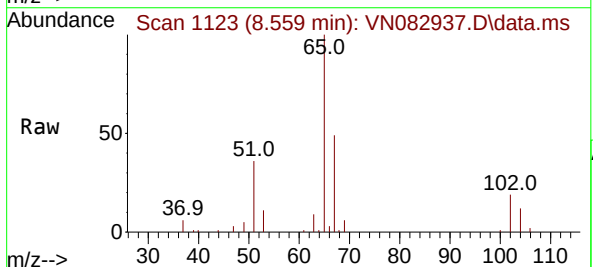
Instrument :
MSVOA_N
ClientSampleId :
IBLK

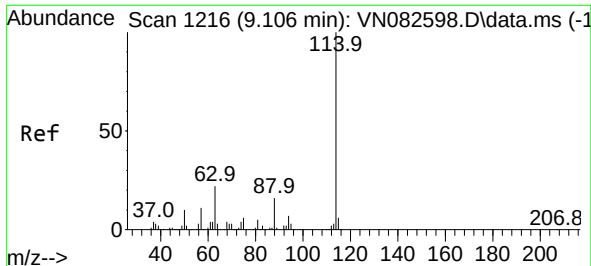
Tgt Ion:168 Resp: 76603
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.314 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.023 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 65 Resp: 63692
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

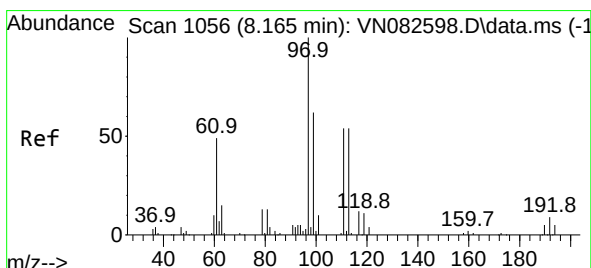
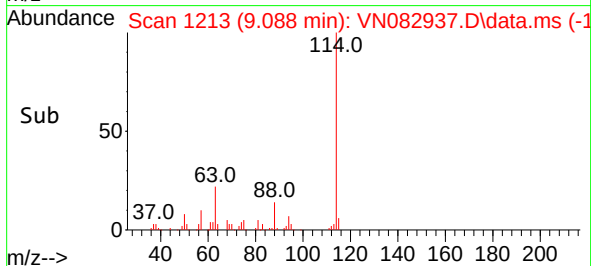
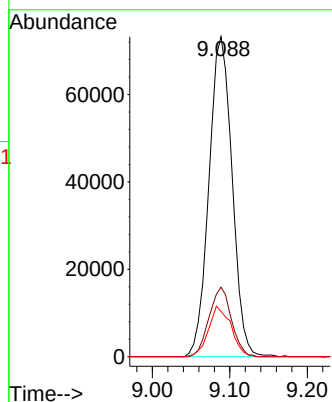
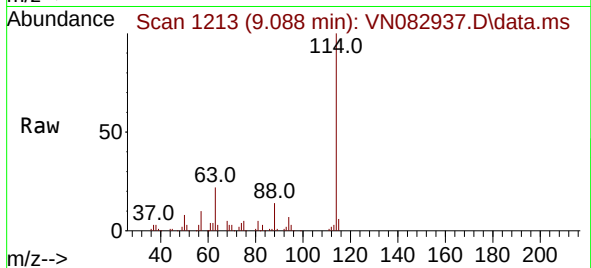
Tgt Ion:114 Resp: 152016

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 14.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.925 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.018 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

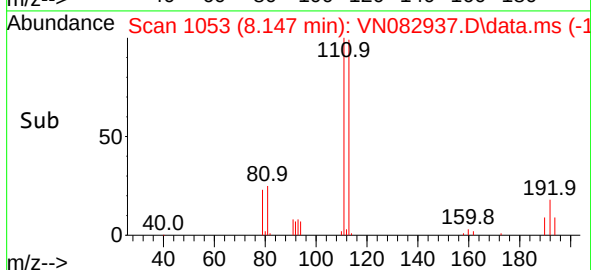
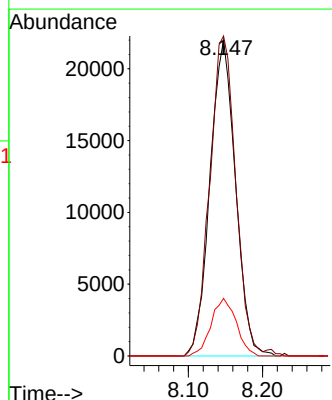
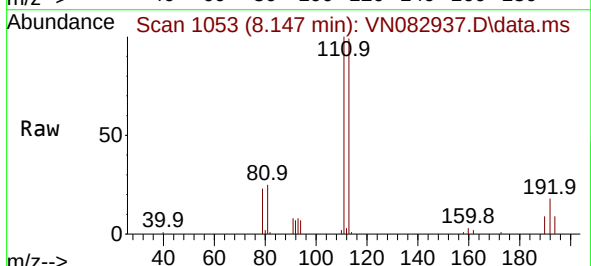
Tgt Ion:113 Resp: 52601

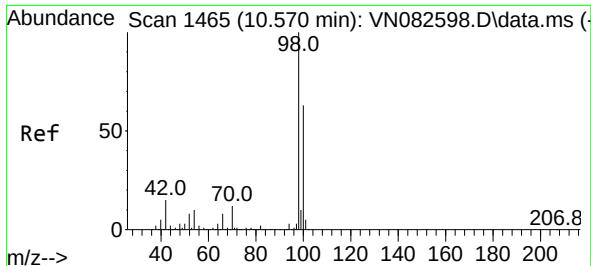
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 18.0 14.9 22.3

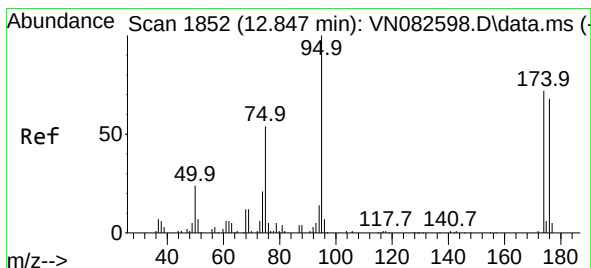
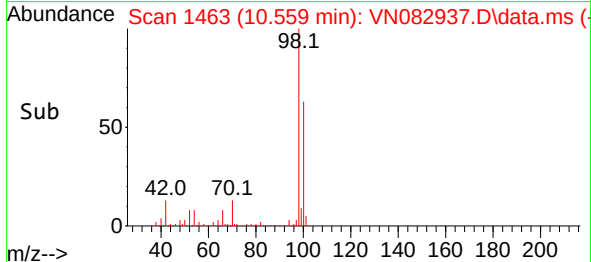
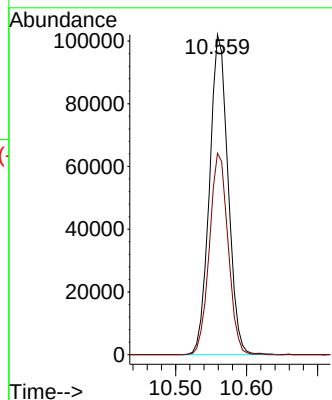
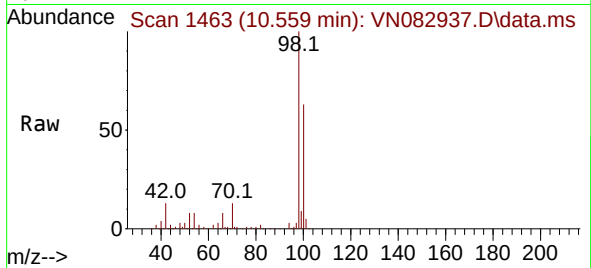




#50
Toluene-d8
Concen: 51.326 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.011 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

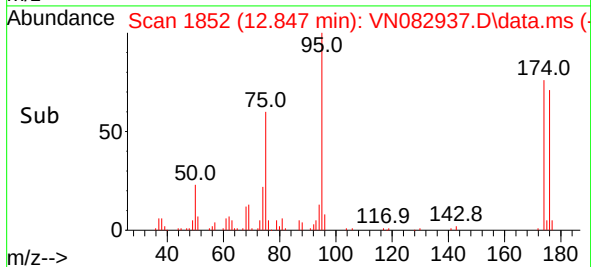
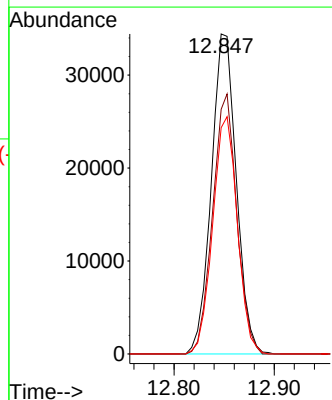
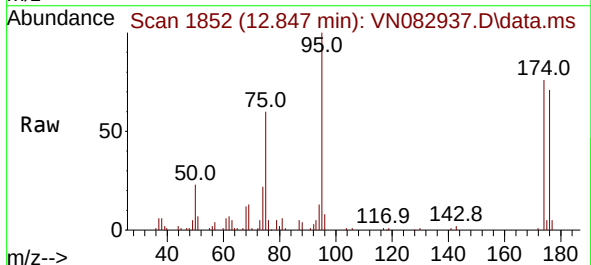
Instrument :
MSVOA_N
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IBLK

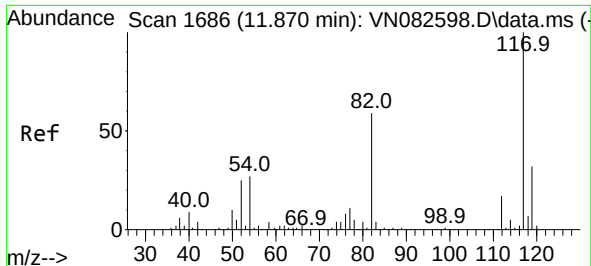
Tgt Ion: 98 Resp: 184916
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.152 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 95 Resp: 59728
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 72.9 0.0 147.6

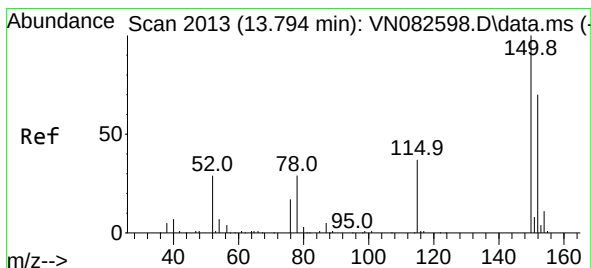
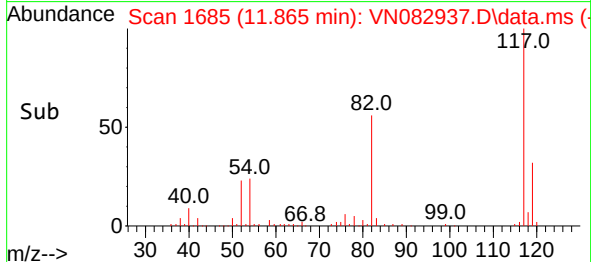
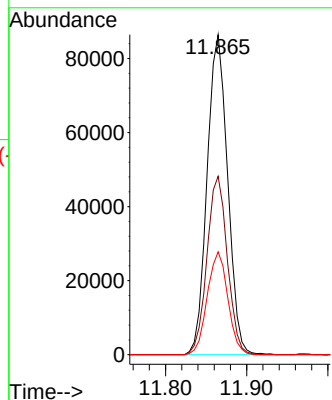
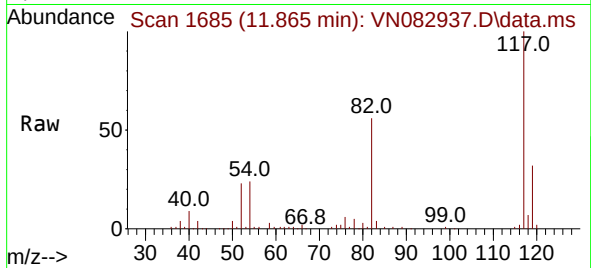




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 151685
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 32.2 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: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion:152 Resp: 62159
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 158.1 0.0 348.6

