

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082938.D
 Acq On : 16 Jul 2024 16:20
 Operator : JC\MD
 Sample : P3256-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240712

Quant Time: Jul 17 00:57:12 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	8.194	168	88673	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	9.083	114	171973	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.865	117	163004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	62141	49.992	ug/l	-0.03
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.136	113	52061	47.178	ug/l	-0.03
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	10.559	98	178241	43.732	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.847	95	53009	36.207	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	72.420%

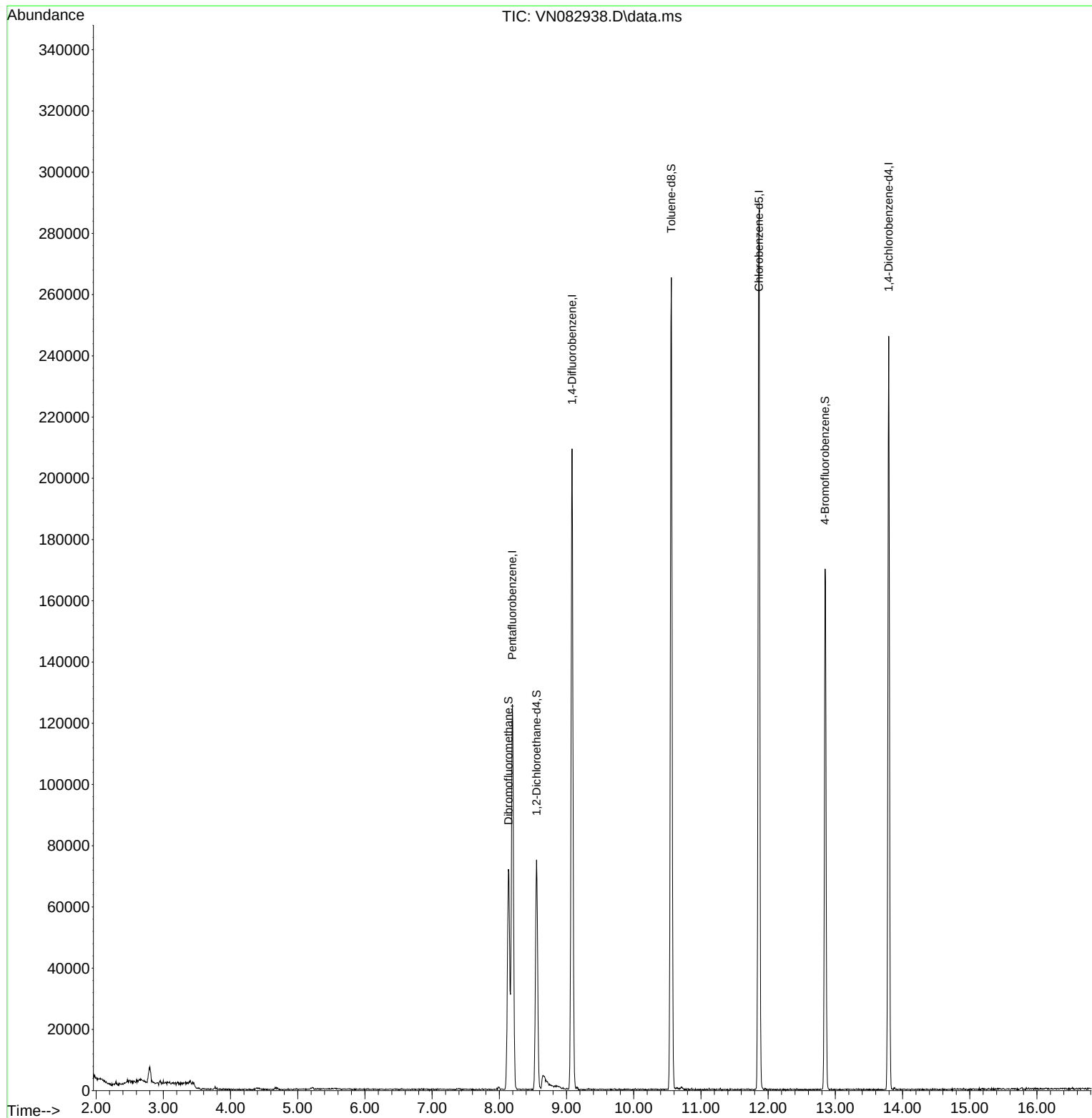
Target Compounds	Qvalue

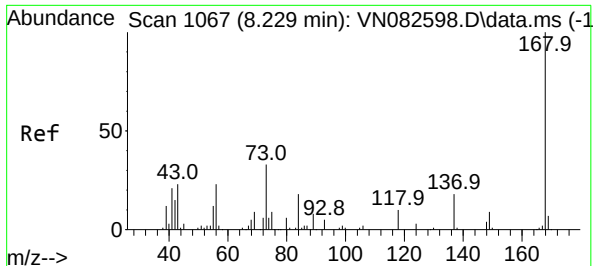
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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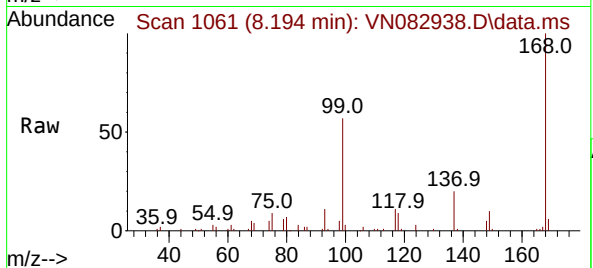
Quant Time: Jul 17 00:57:12 2024
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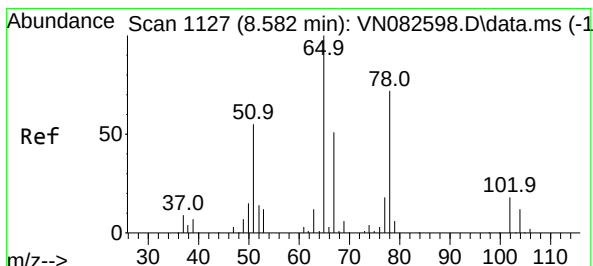
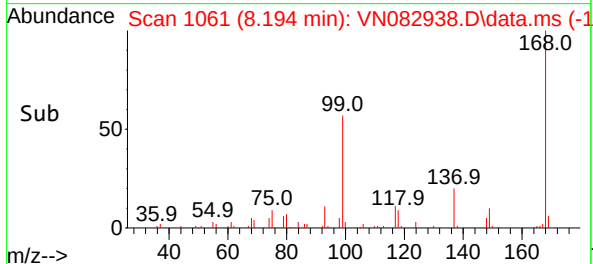
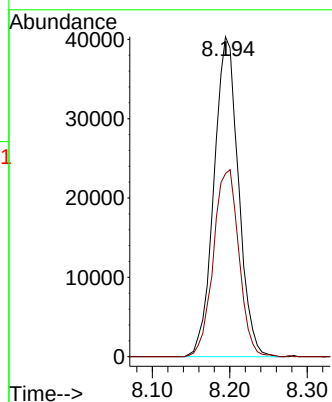


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.035 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

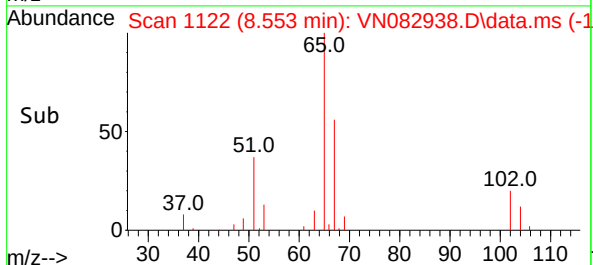
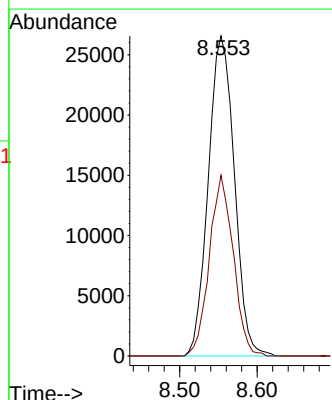
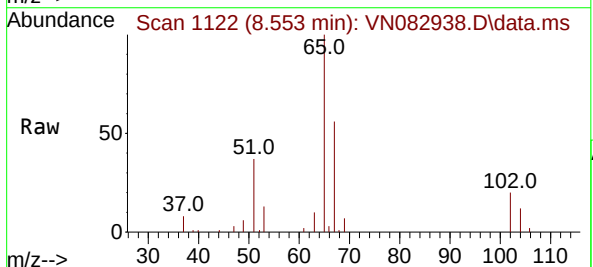


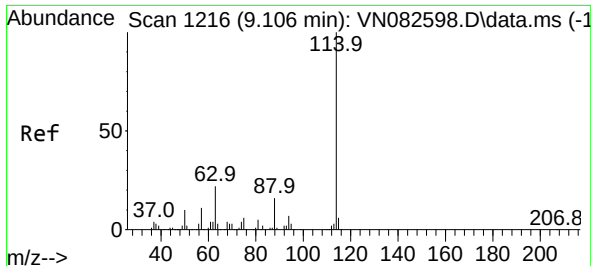
Tgt Ion:168 Resp: 88673
Ion Ratio Lower Upper
168 100
99 57.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.992 ug/l
RT: 8.553 min Scan# 1122
Delta R.T. -0.029 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 65 Resp: 62141
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. -0.023 min

Lab File: VN082938.D

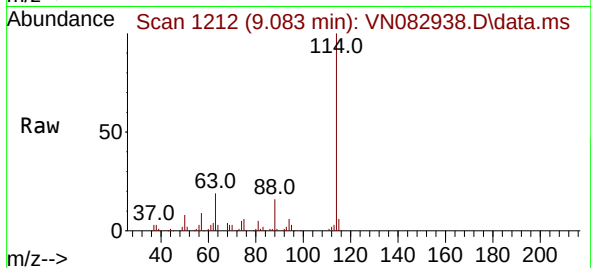
Acq: 16 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240712



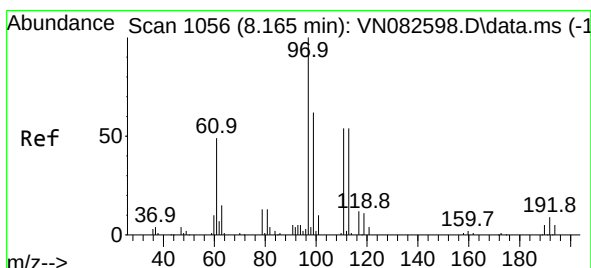
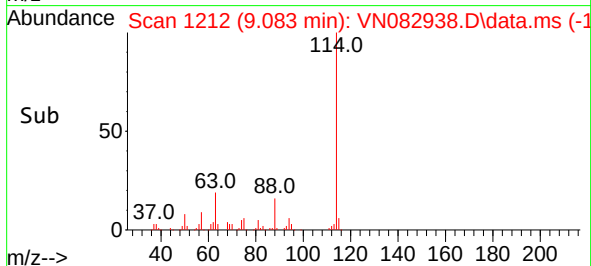
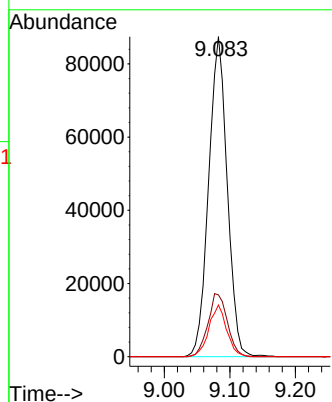
Tgt Ion:114 Resp: 171973

Ion Ratio Lower Upper

114 100

63 19.3 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.178 ug/l

RT: 8.136 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN082938.D

Acq: 16 Jul 2024 16:20

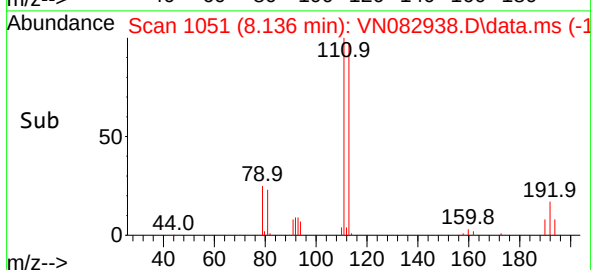
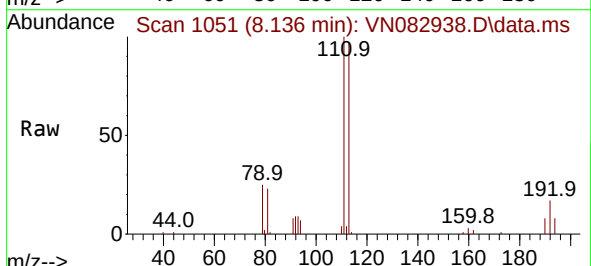
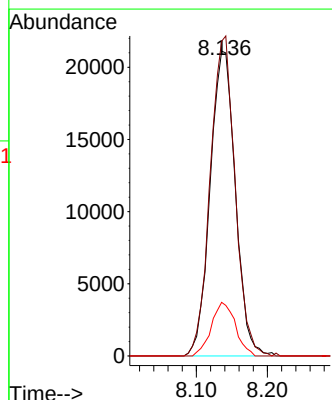
Tgt Ion:113 Resp: 52061

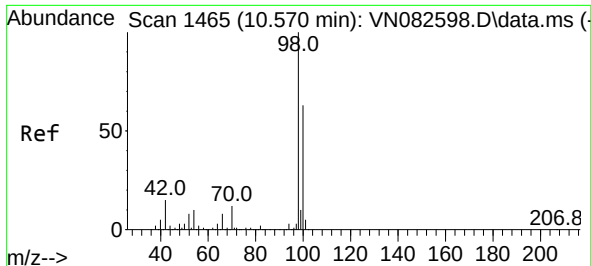
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 16.8 14.9 22.3

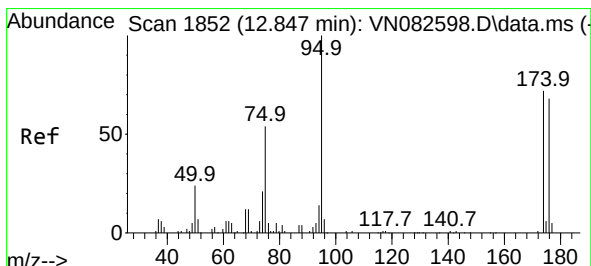
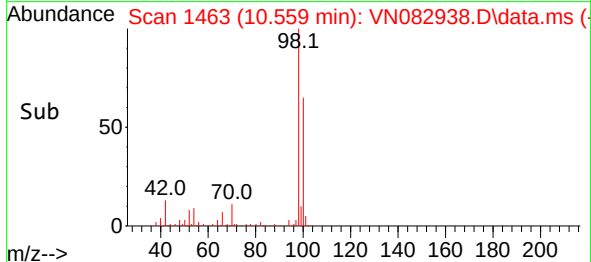
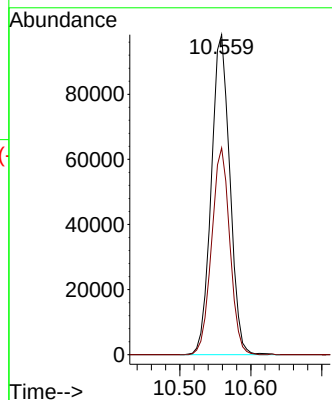
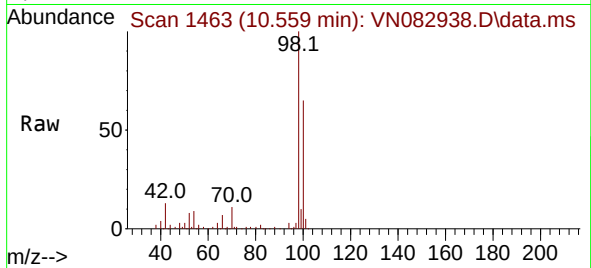




#50
Toluene-d8
Concen: 43.732 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.011 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

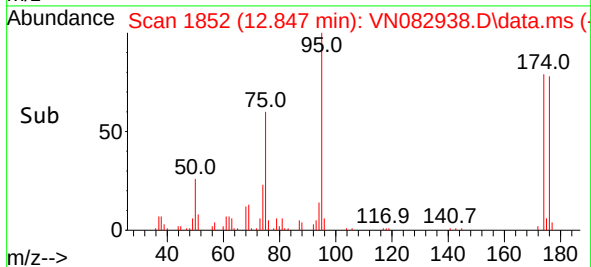
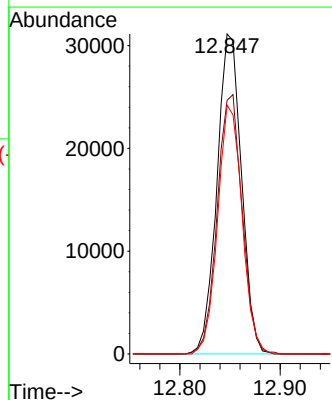
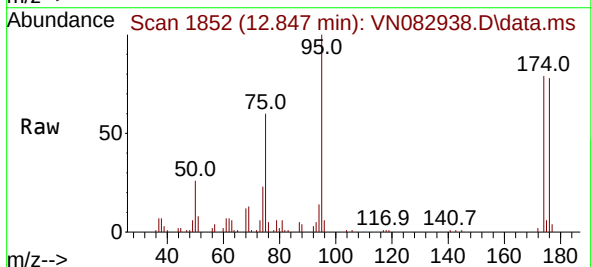
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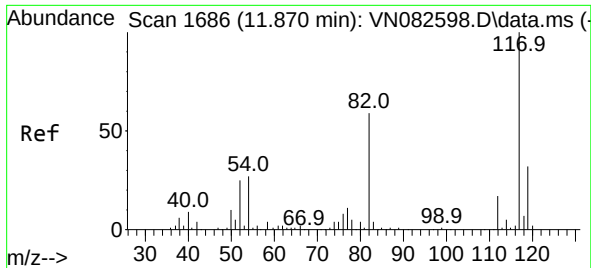
Tgt Ion: 98 Resp: 178241
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 36.207 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 95 Resp: 53009
Ion Ratio Lower Upper
95 100
174 82.4 0.0 159.2
176 77.4 0.0 147.6

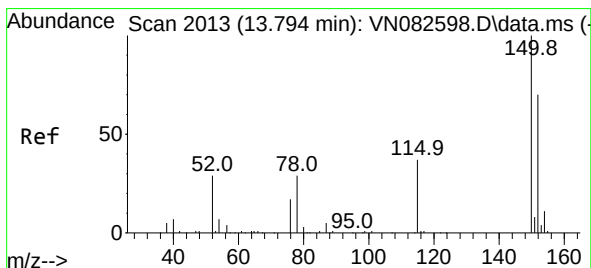
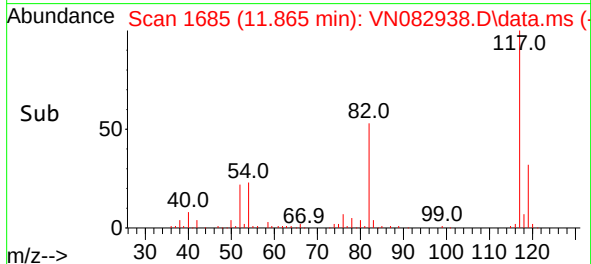
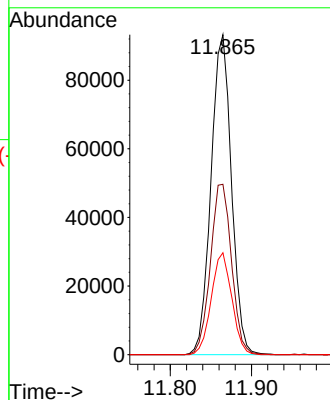
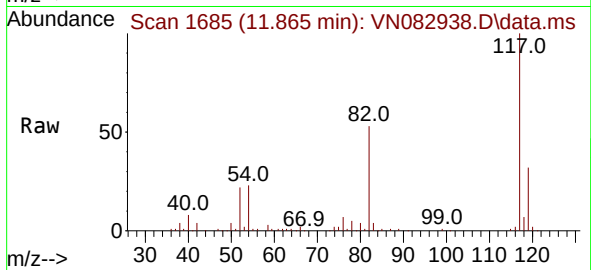




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

Tgt Ion:117 Resp: 163004
Ion Ratio Lower Upper
117 100
82 53.3 47.5 71.3
119 31.8 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: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion:152 Resp: 62031
Ion Ratio Lower Upper
152 100
115 62.0 30.6 91.6
150 157.1 0.0 348.6

