

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082985.D
 Acq On : 19 Jul 2024 13:46
 Operator : JC\MD
 Sample : P3307-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240716

Quant Time: Jul 22 02:05:03 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	73099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	145348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	144607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	60666	59.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.400%
35) Dibromofluoromethane	8.165	113	50252	53.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	10.571	98	173386	50.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.847	95	52189	42.177	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.360%

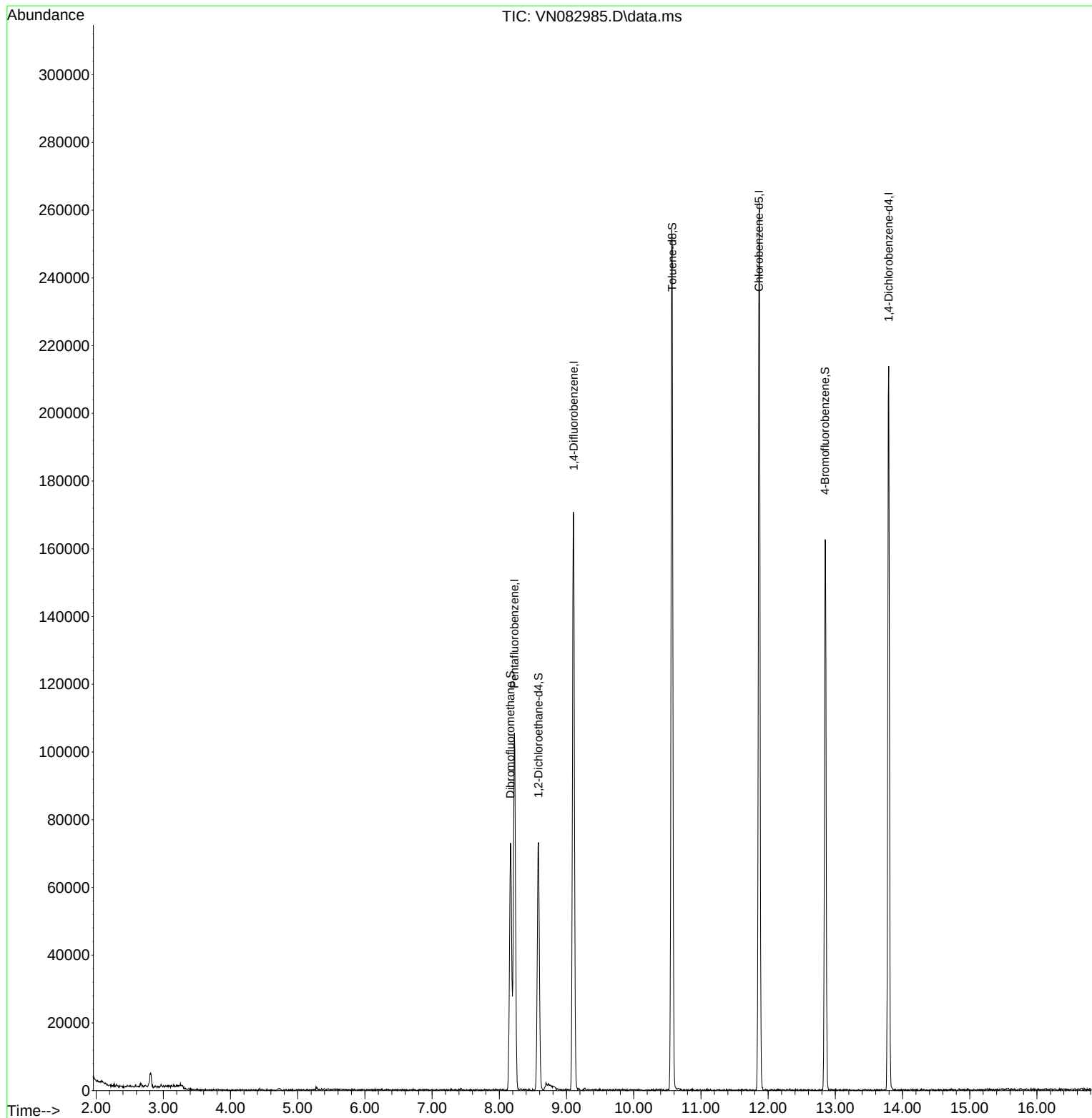
Target Compounds	Qvalue

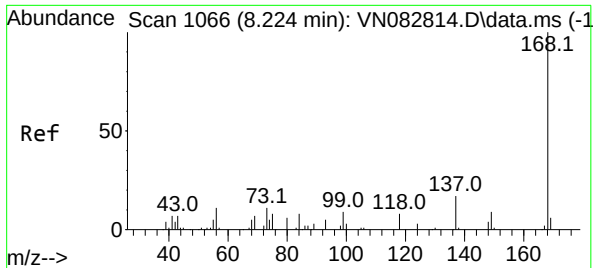
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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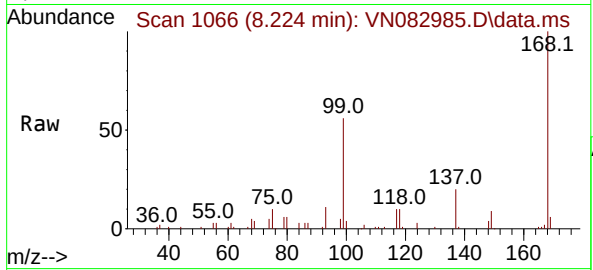
Quant Time: Jul 22 02:05:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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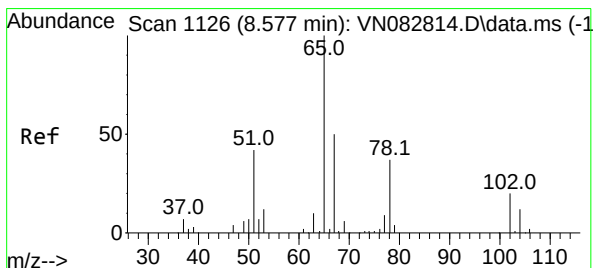
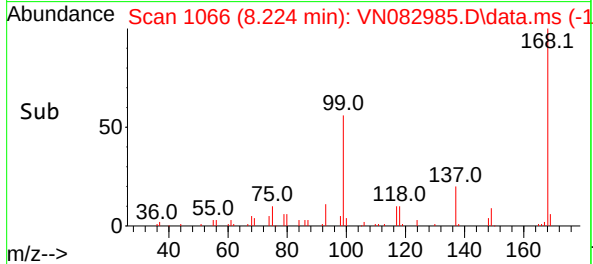
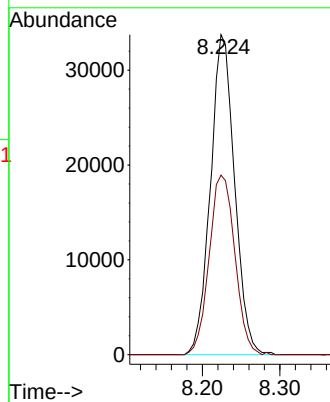


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

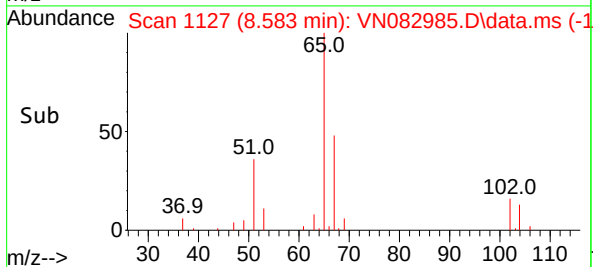
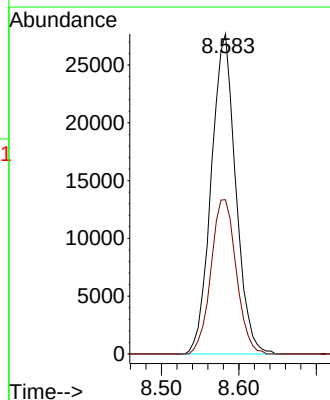
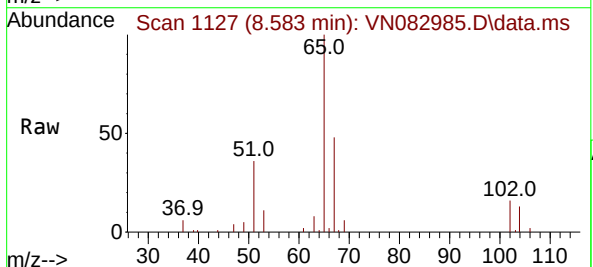


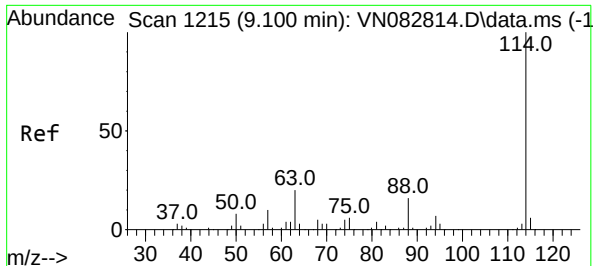
Tgt Ion:168 Resp: 73099
Ion Ratio Lower Upper
168 100
99 56.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.204 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion: 65 Resp: 60666
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716

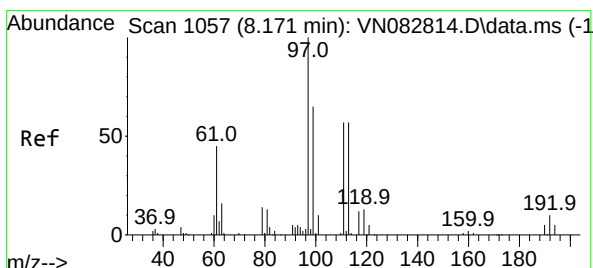
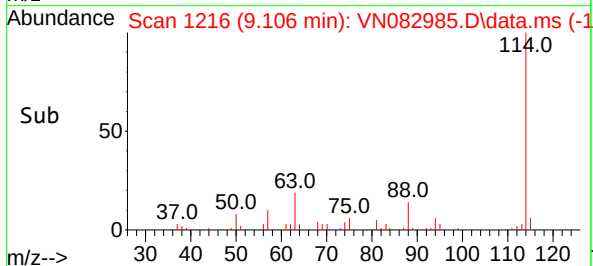
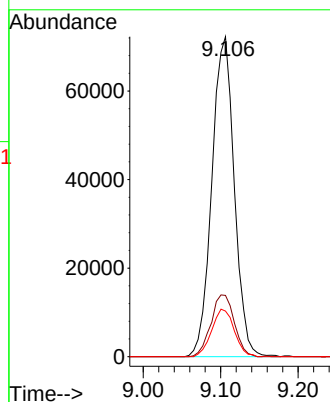
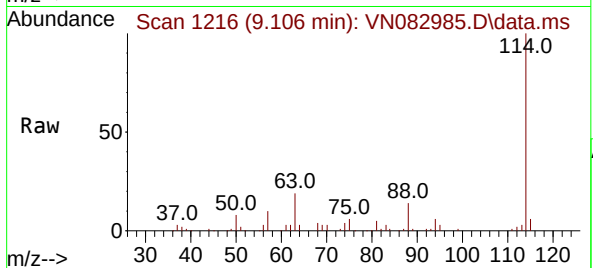
Tgt Ion:114 Resp: 145348

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 14.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.880 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

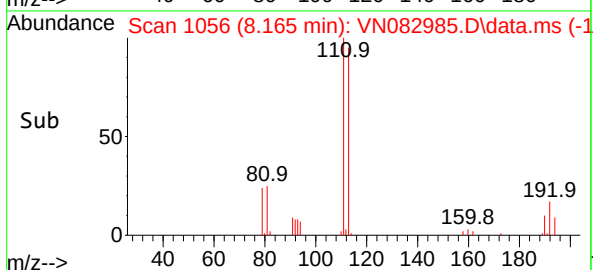
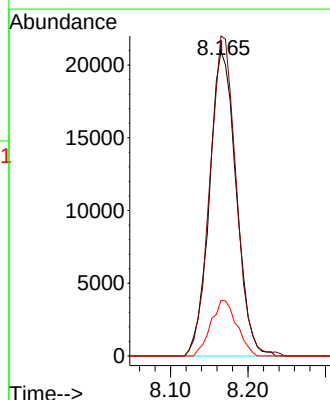
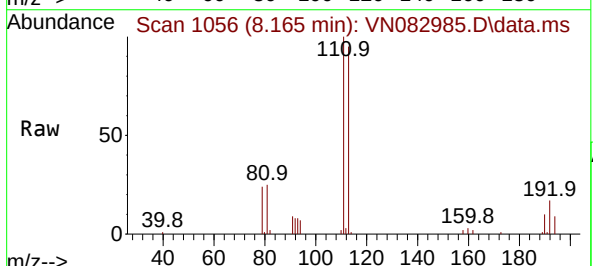
Tgt Ion:113 Resp: 50252

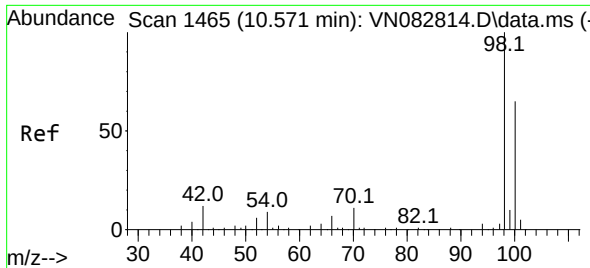
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 17.7 14.9 22.3

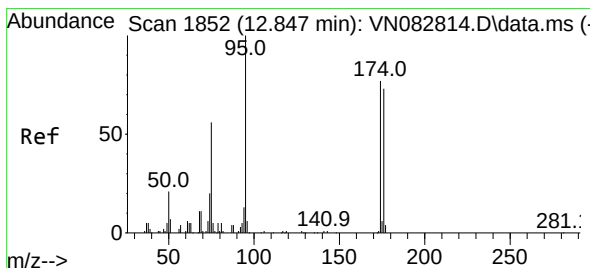
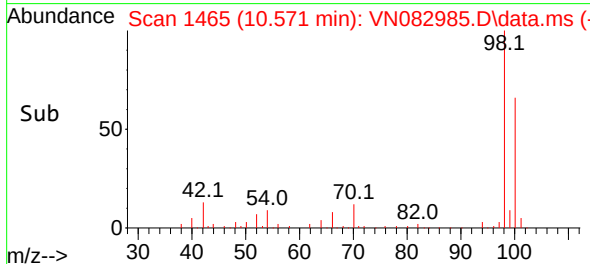
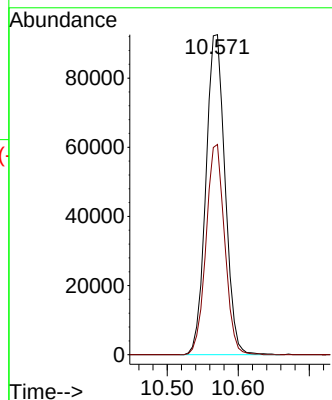
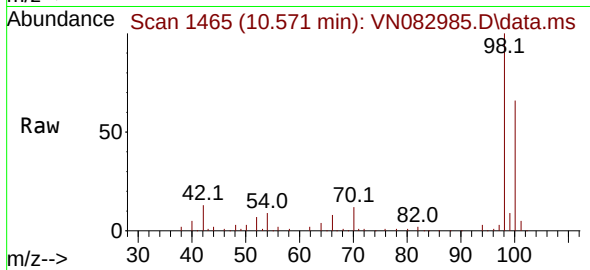




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

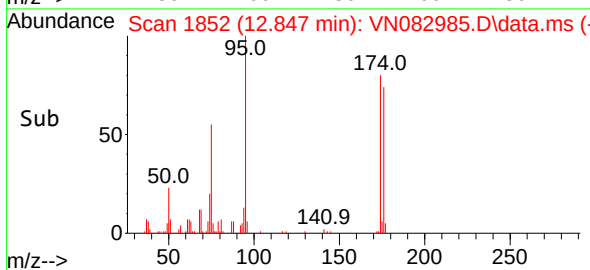
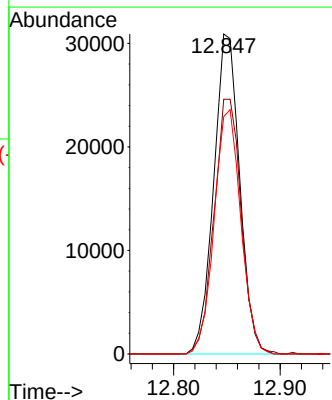
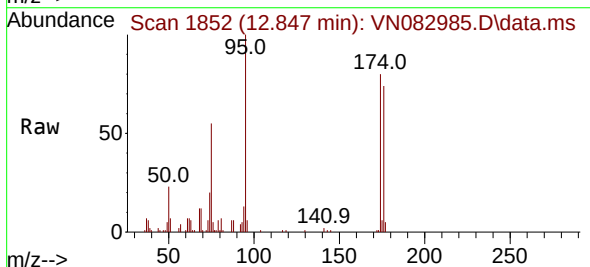
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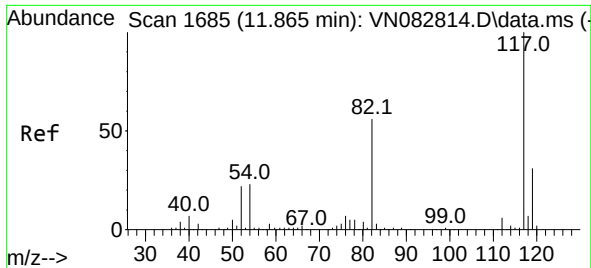
Tgt Ion: 98 Resp: 173386
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion: 95 Resp: 52189
Ion Ratio Lower Upper
95 100
174 83.6 0.0 159.2
176 78.5 0.0 147.6

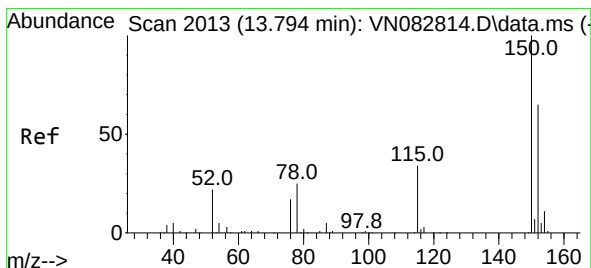
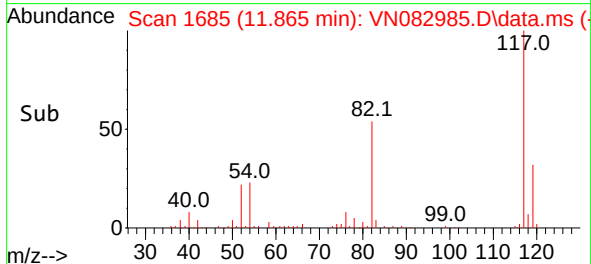
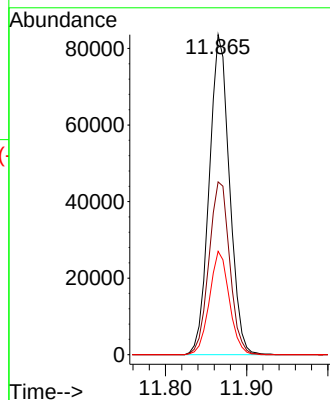
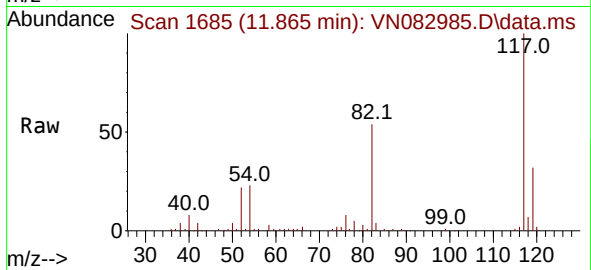




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

Tgt Ion:117 Resp: 144607
Ion Ratio Lower Upper
117 100
82 54.0 47.5 71.3
119 32.3 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: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion:152 Resp: 57401
Ion Ratio Lower Upper
152 100
115 59.3 30.6 91.6
150 156.0 0.0 348.6

