

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083652.D
 Acq On : 04 Sep 2024 16:18
 Operator : JC\MD
 Sample : P3821-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE-5A-WATER

Quant Time: Sep 05 02:27:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113381	52.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.165	113	93476	49.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.440%	
50) Toluene-d8	10.565	98	333068	45.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.200%	
62) 4-Bromofluorobenzene	12.847	95	155672	56.817	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.640%	

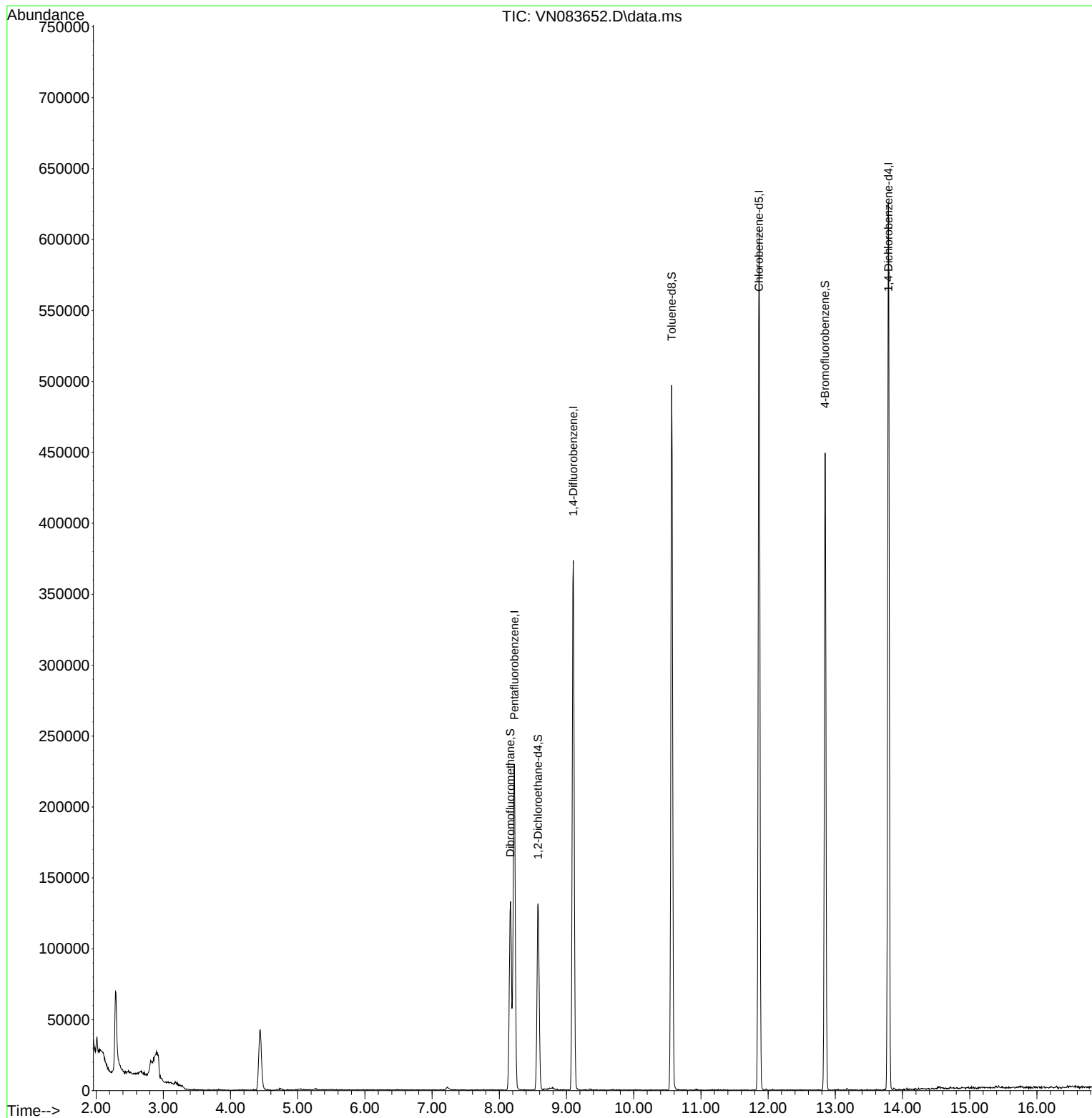
Target Compounds	Qvalue

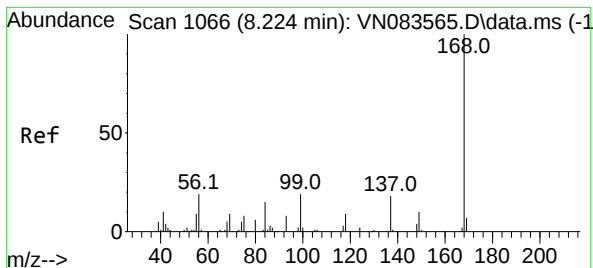
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
Data File : VN083652.D
Acq On : 04 Sep 2024 16:18
Operator : JC\MD
Sample : P3821-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-5A-WATER

Quant Time: Sep 05 02:27:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

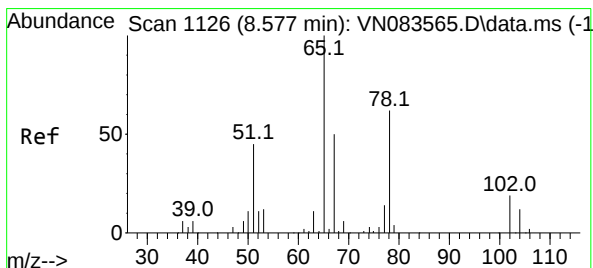
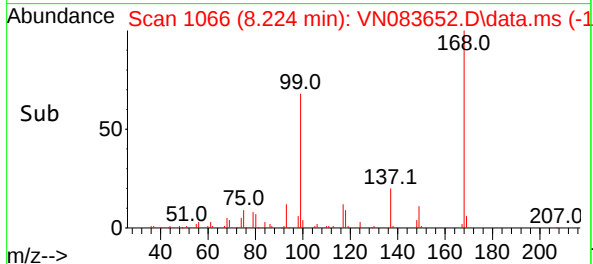
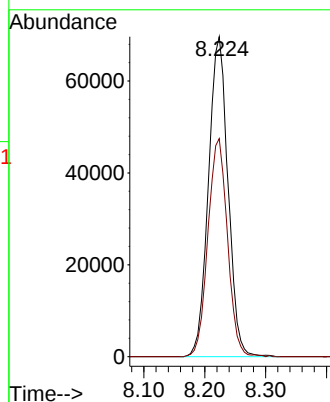
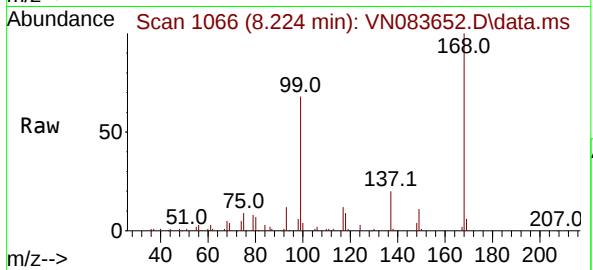




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083652.D
Acq: 04 Sep 2024 16:18

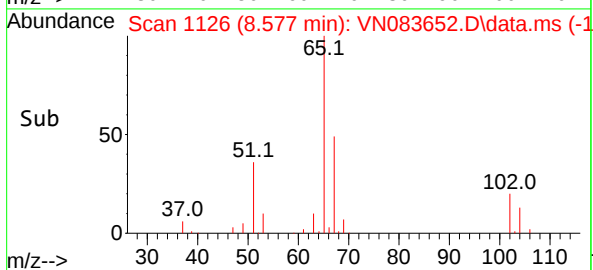
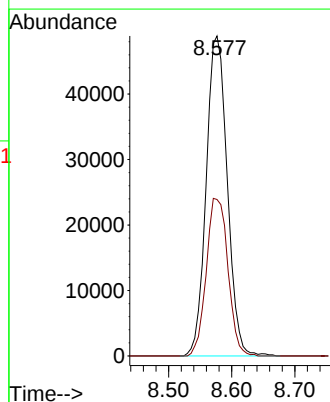
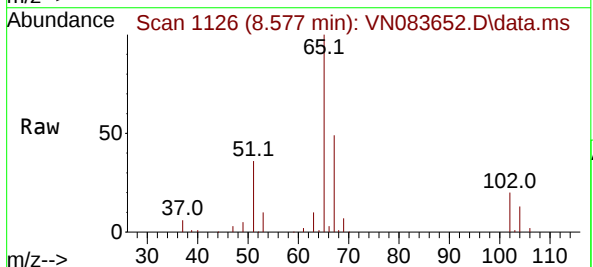
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-5A-WATER

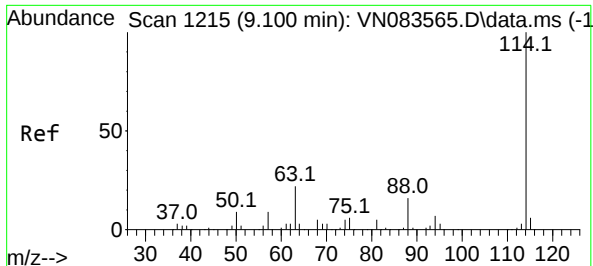
Tgt Ion:168 Resp: 155195
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.273 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083652.D
Acq: 04 Sep 2024 16:18

Tgt Ion: 65 Resp: 113381
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083652.D

Acq: 04 Sep 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

MANHOLE-5A-WATER

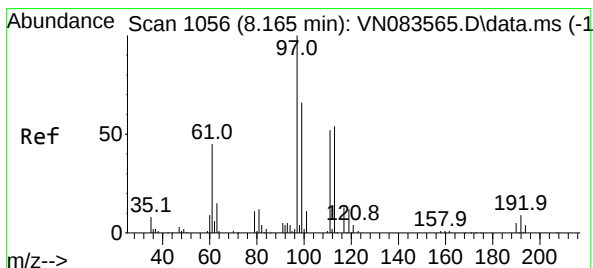
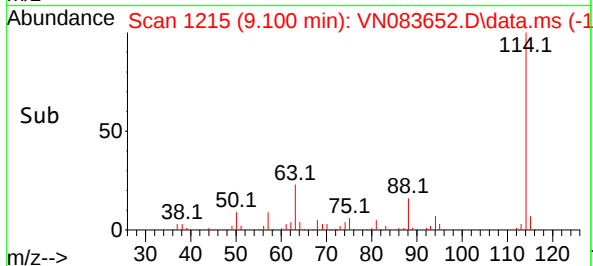
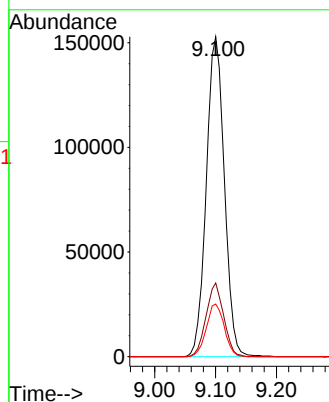
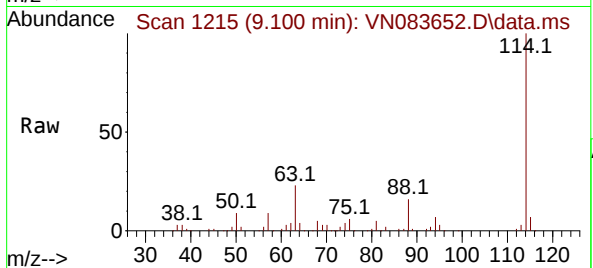
Tgt Ion:114 Resp: 315565

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.216 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083652.D

Acq: 04 Sep 2024 16:18

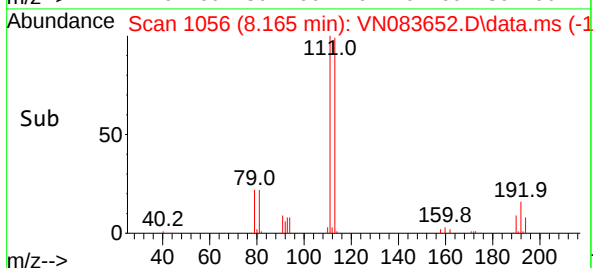
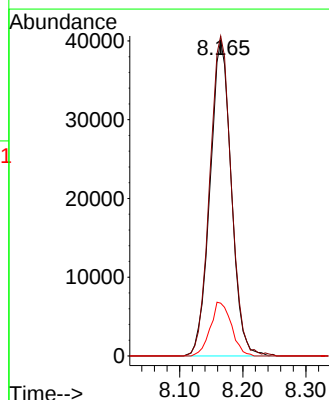
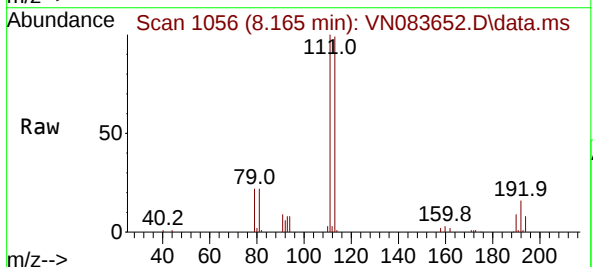
Tgt Ion:113 Resp: 93476

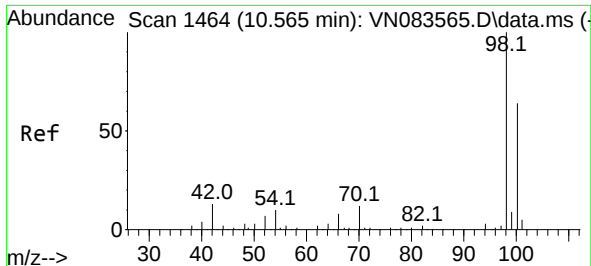
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 16.9 14.3 21.5

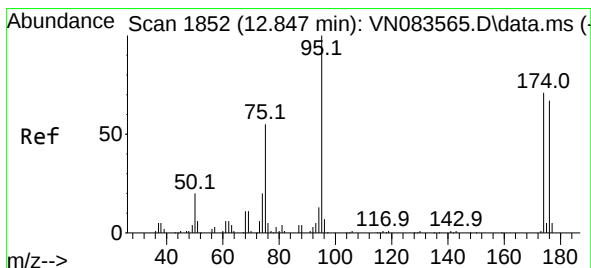
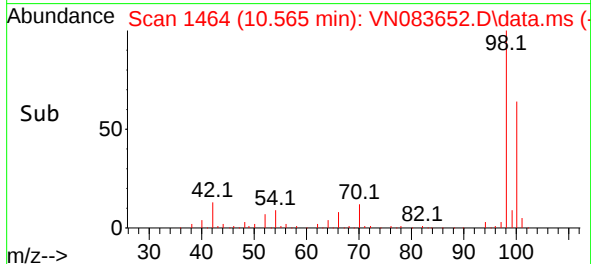
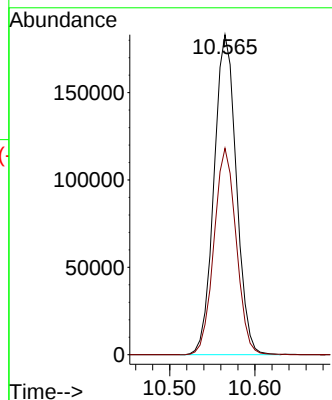
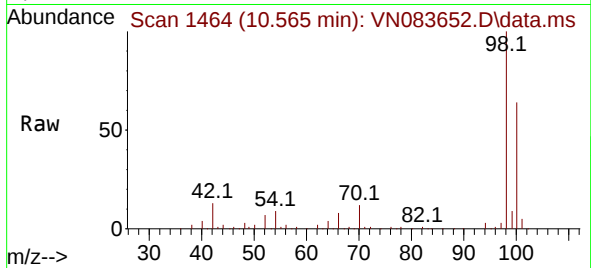




#50
Toluene-d8
Concen: 45.095 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083652.D
Acq: 04 Sep 2024 16:18

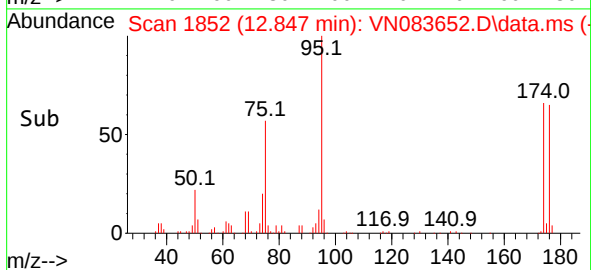
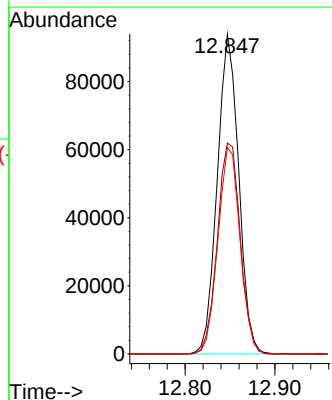
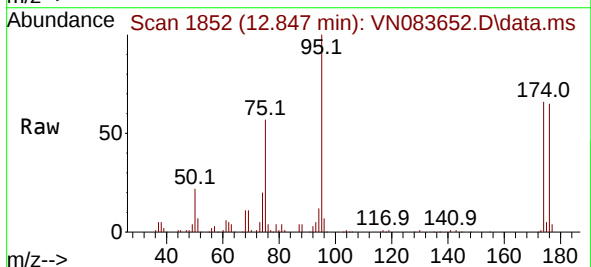
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-5A-WATER

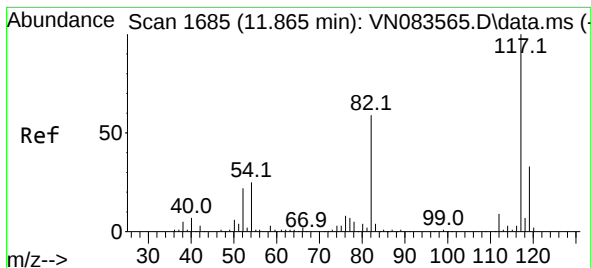
Tgt Ion: 98 Resp: 333068
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.817 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083652.D
Acq: 04 Sep 2024 16:18

Tgt Ion: 95 Resp: 155672
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 66.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083652.D

Acq: 04 Sep 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

MANHOLE-5A-WATER

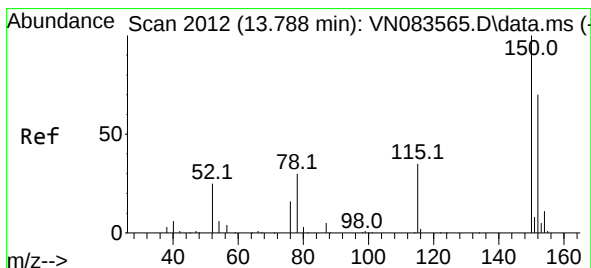
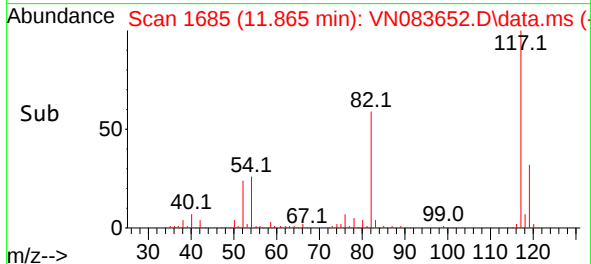
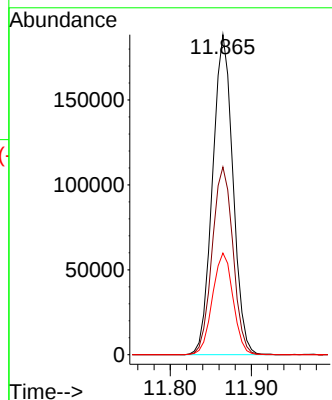
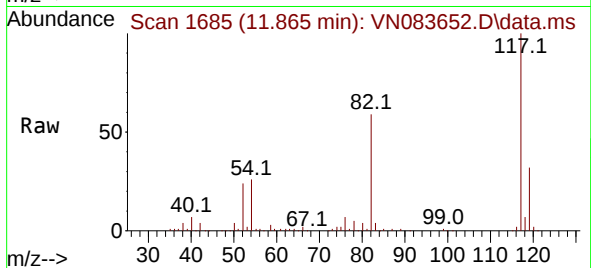
Tgt Ion:117 Resp: 328743

Ion Ratio Lower Upper

117 100

82 58.7 47.4 71.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083652.D

Acq: 04 Sep 2024 16:18

Tgt Ion:152 Resp: 157607

Ion Ratio Lower Upper

152 100

115 64.7 32.2 96.6

150 159.1 0.0 348.6

