

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080878.D
 Acq On : 02 Feb 2024 17:03
 Operator : JC\MD
 Sample : P1363-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 02 23:53:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	82761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	197796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	213405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	72008	50.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.580%	
35) Dibromofluoromethane	8.159	113	57159	47.234	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.460%	
50) Toluene-d8	10.571	98	221102	46.682	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.360%	
62) 4-Bromofluorobenzene	12.853	95	88590	53.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.360%	

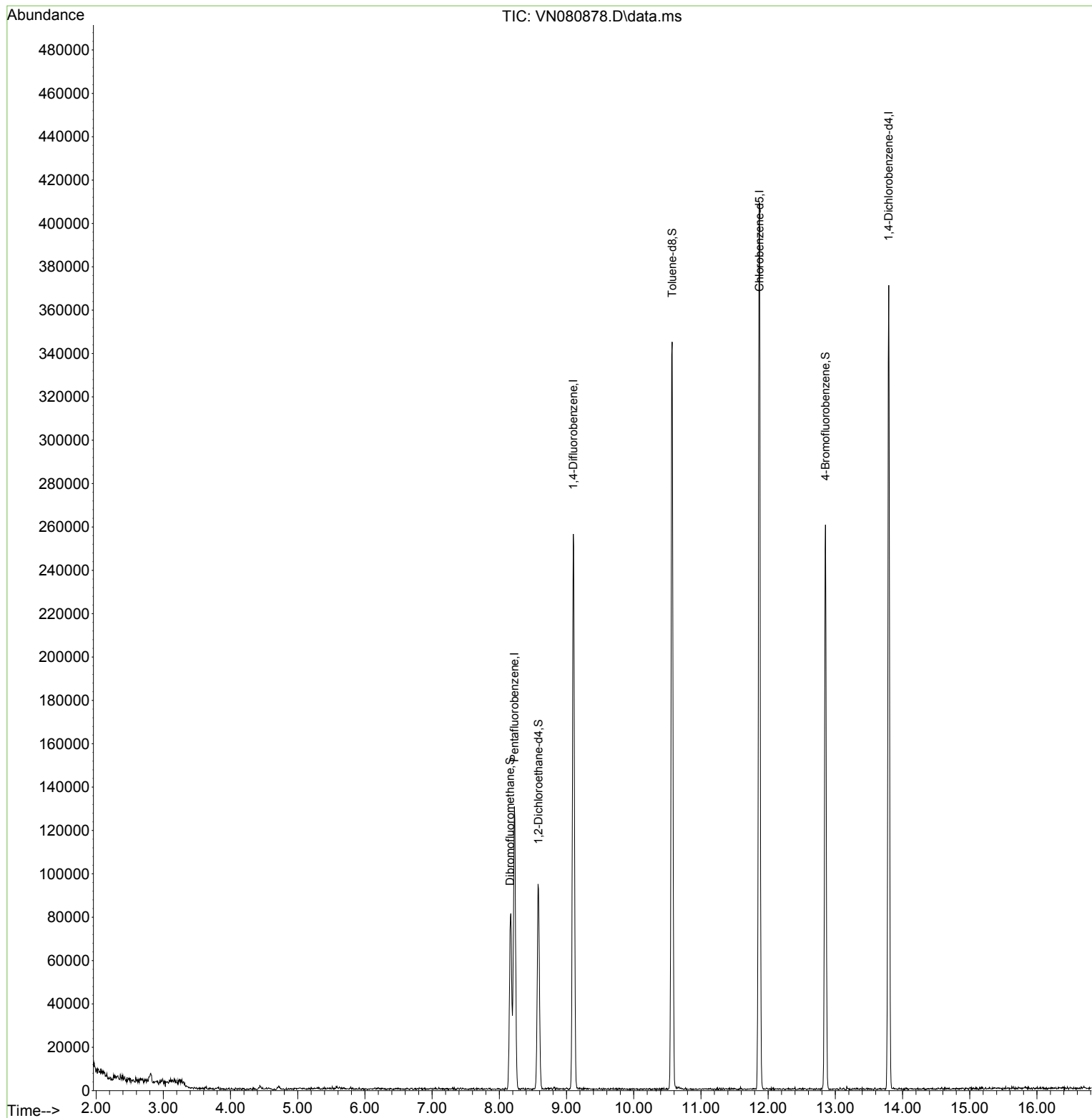
Target Compounds	Qvalue

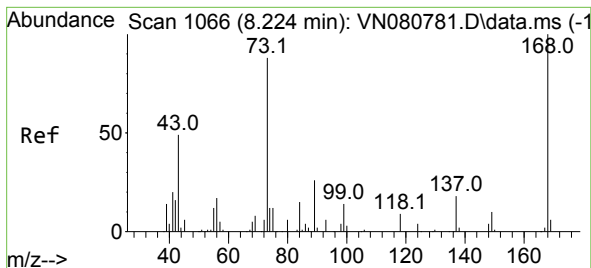
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
Data File : VN080878.D
Acq On : 02 Feb 2024 17:03
Operator : JC\MD
Sample : P1363-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 02 23:53:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 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: VN080878.D

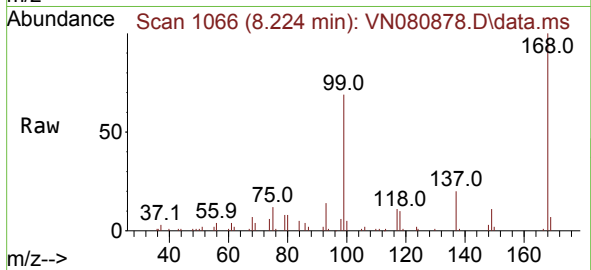
Acq: 02 Feb 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

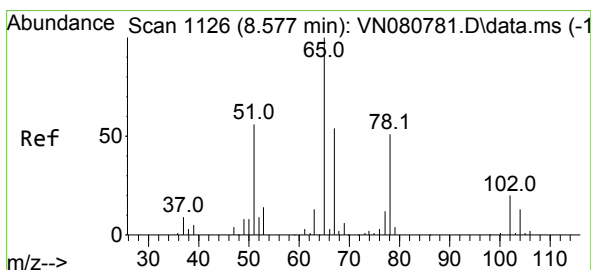
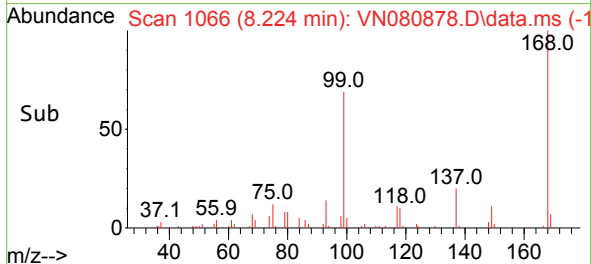
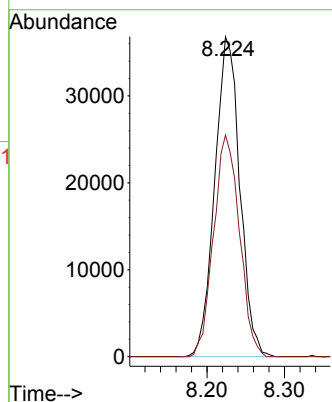


Tgt Ion:168 Resp: 82761

Ion Ratio Lower Upper

168 100

99 69.3 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 50.294 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080878.D

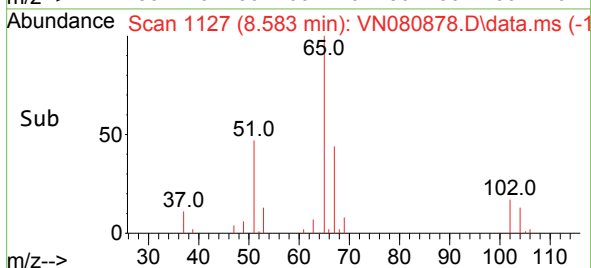
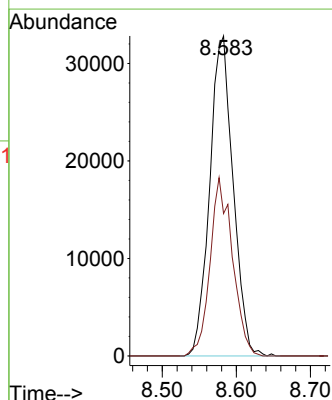
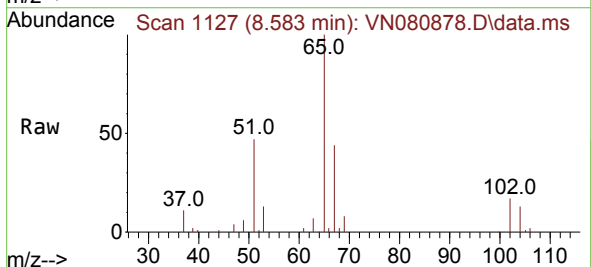
Acq: 02 Feb 2024 17:03

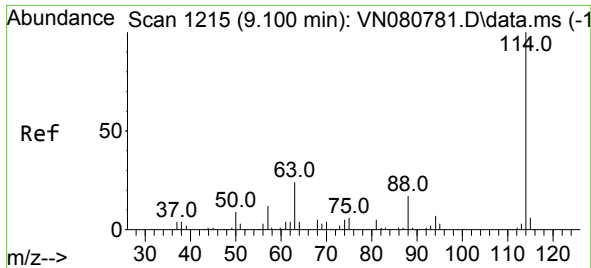
Tgt Ion: 65 Resp: 72008

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080878.D

Acq: 02 Feb 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

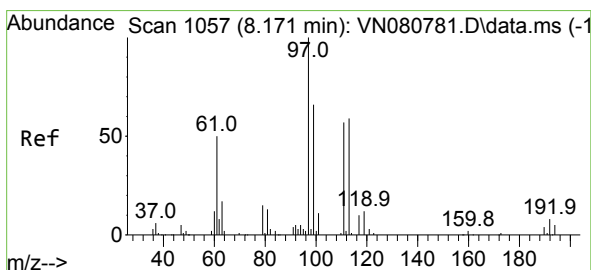
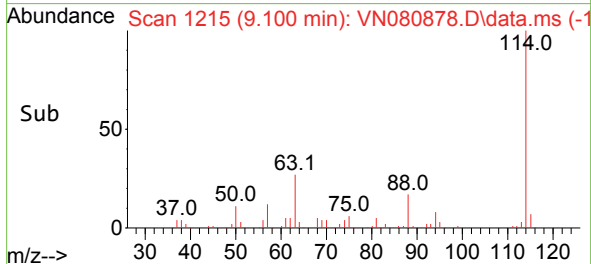
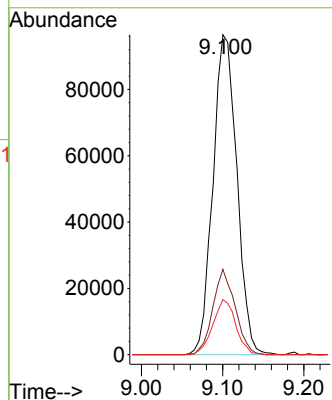
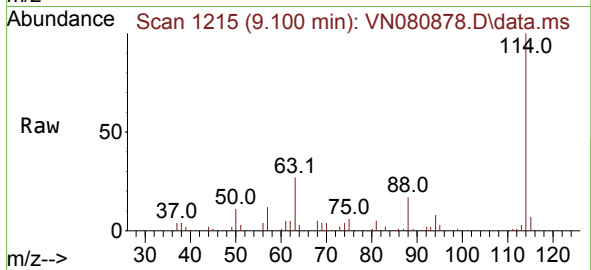
Tgt Ion:114 Resp: 197796

Ion Ratio Lower Upper

114 100

63 26.6 0.0 48.0

88 17.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.234 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VN080878.D

Acq: 02 Feb 2024 17:03

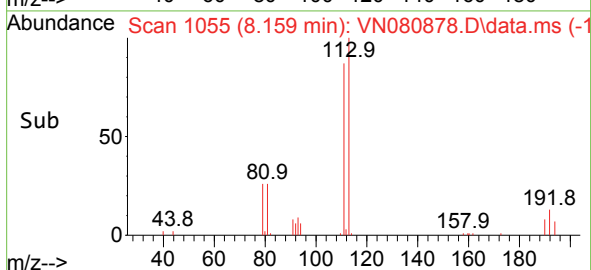
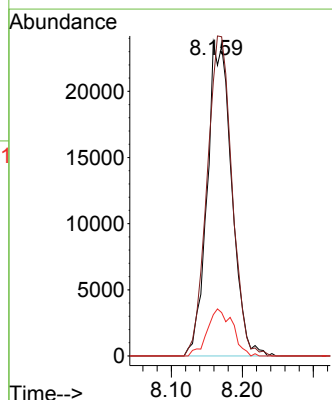
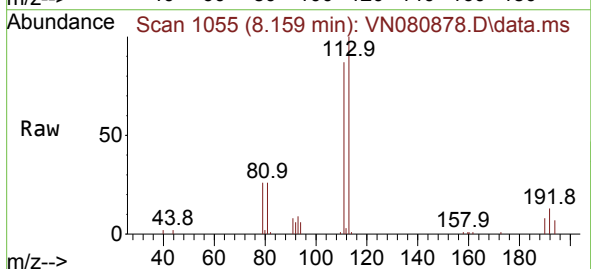
Tgt Ion:113 Resp: 57159

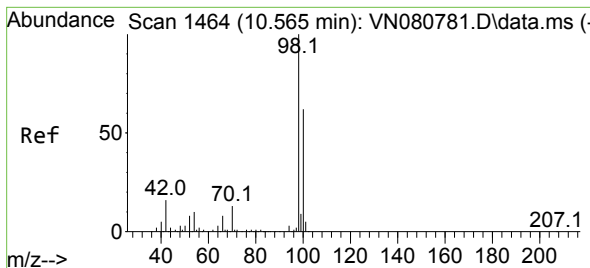
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 15.4 12.5 18.7

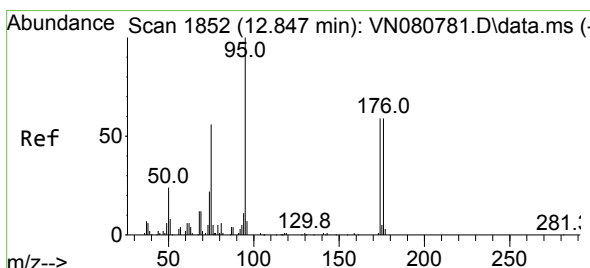
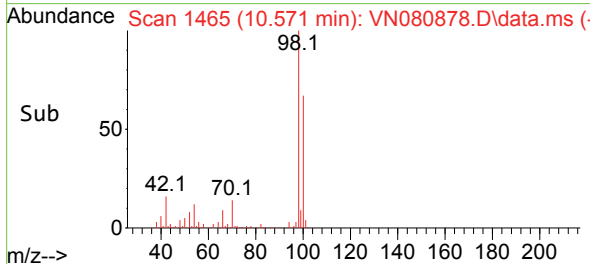
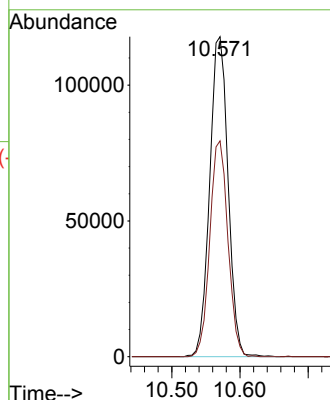
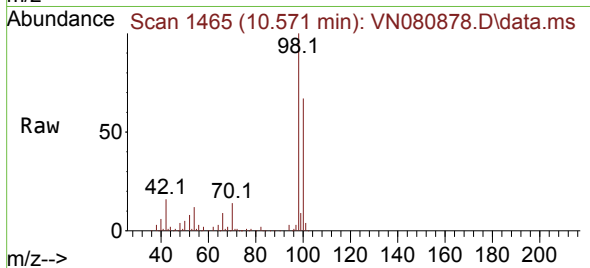




#50
Toluene-d8
Concen: 46.682 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080878.D
Acq: 02 Feb 2024 17:03

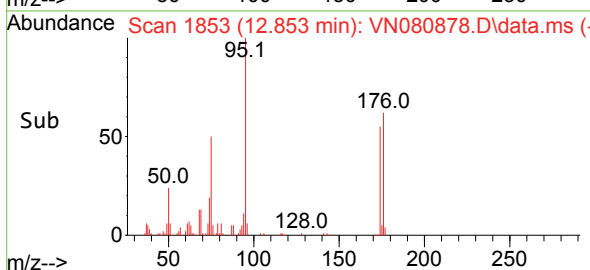
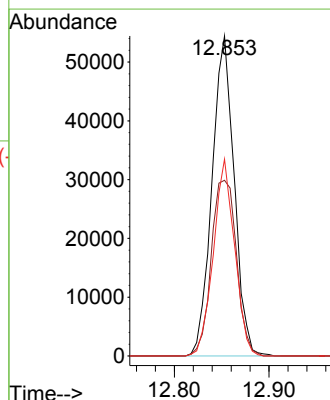
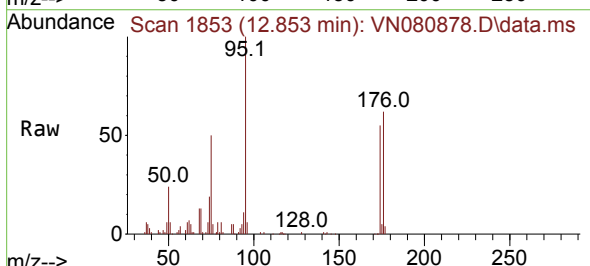
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

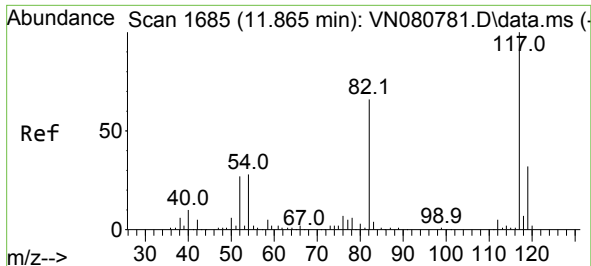
Tgt Ion: 98 Resp: 221102
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.675 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080878.D
Acq: 02 Feb 2024 17:03

Tgt Ion: 95 Resp: 88590
Ion Ratio Lower Upper
95 100
174 62.4 0.0 120.4
176 59.0 0.0 121.0

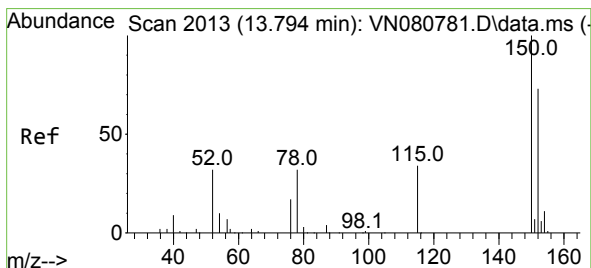
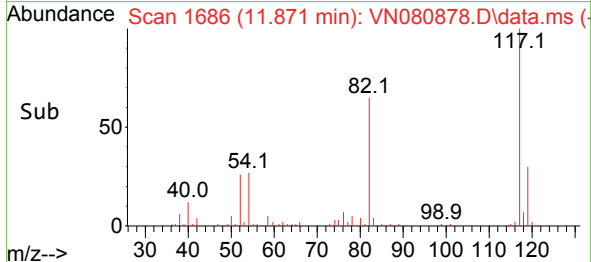
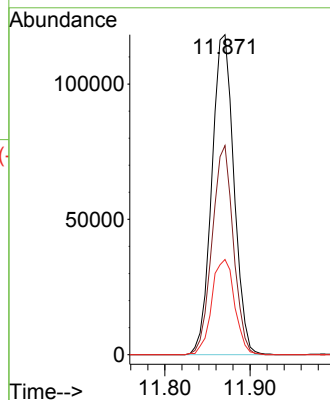
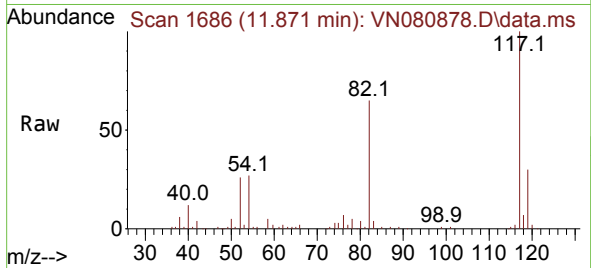




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080878.D
Acq: 02 Feb 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 213405
Ion Ratio Lower Upper
117 100
82 65.4 52.7 79.1
119 29.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080878.D
Acq: 02 Feb 2024 17:03

Tgt Ion:152 Resp: 82489
Ion Ratio Lower Upper
152 100
115 69.6 32.3 96.8
150 158.4 0.0 339.8

