

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081062.D
 Acq On : 16 Feb 2024 18:54
 Operator : JC\MD
 Sample : P1519-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 16 23:50:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	346433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	564016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211519	49.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	8.165	113	175677	47.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	10.571	98	589812	44.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.853	95	214105	43.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%

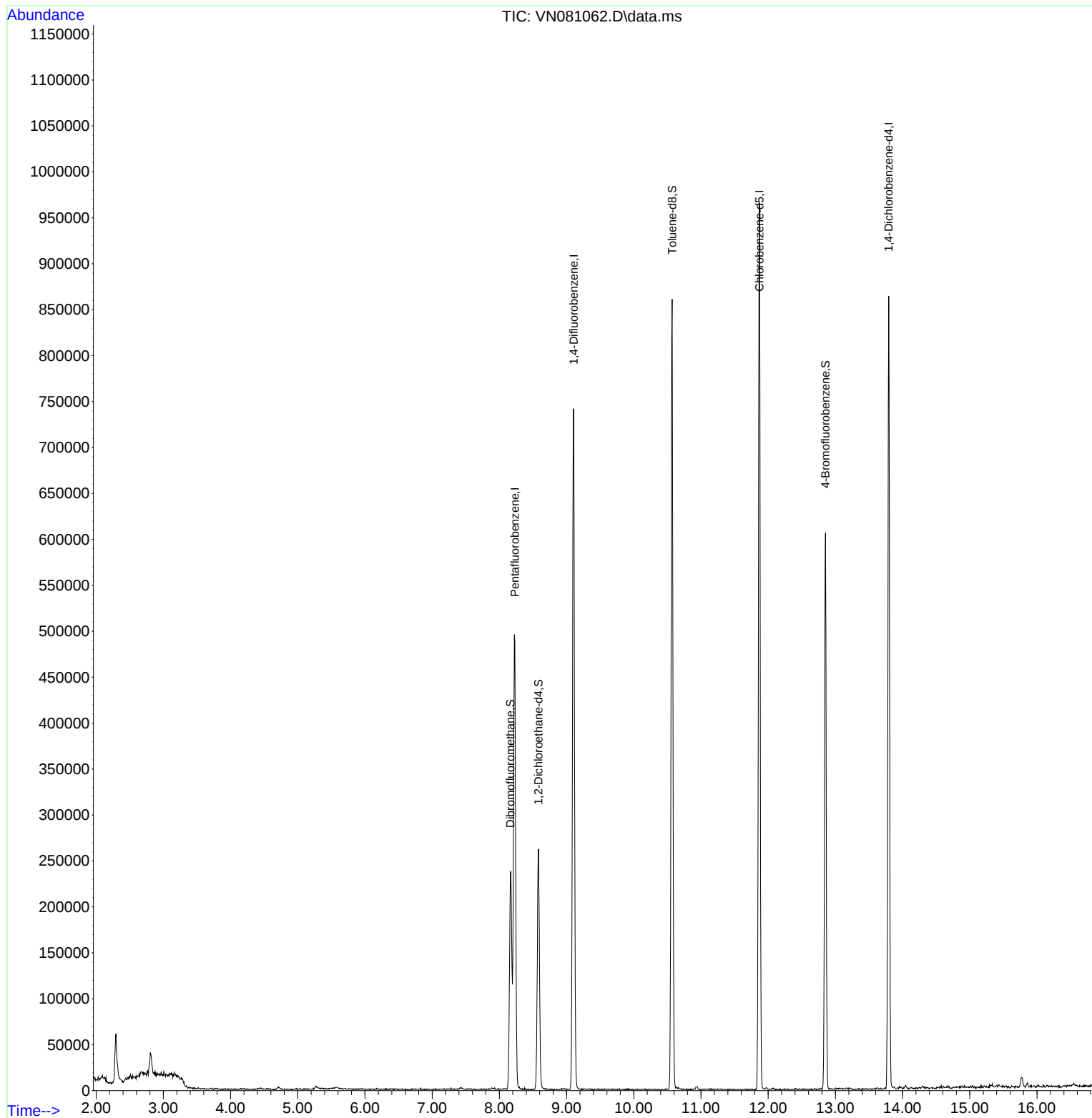
Target Compounds	Qvalue

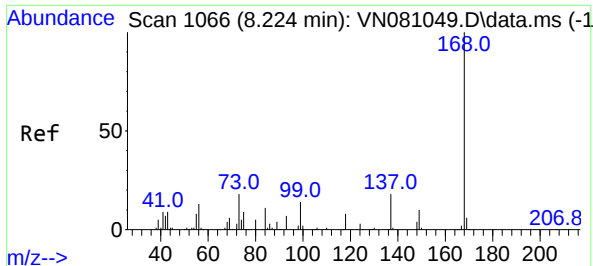
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
Data File : VN081062.D
Acq On : 16 Feb 2024 18:54
Operator : JC\MD
Sample : P1519-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 16 23:50:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

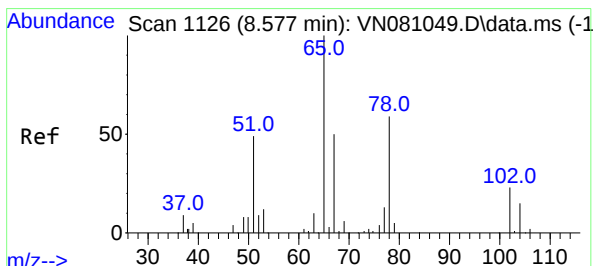
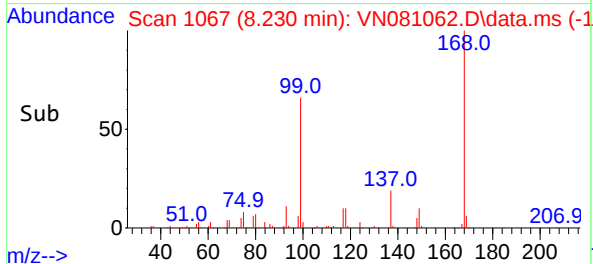
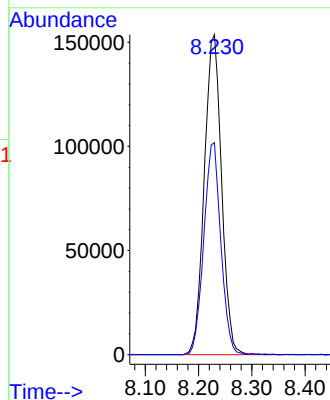
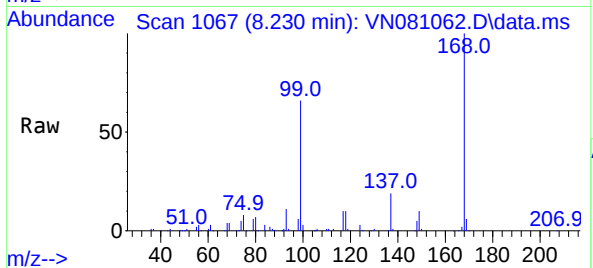




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

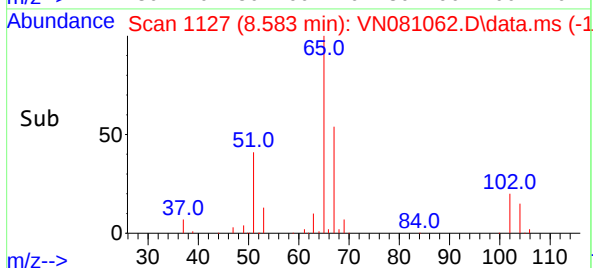
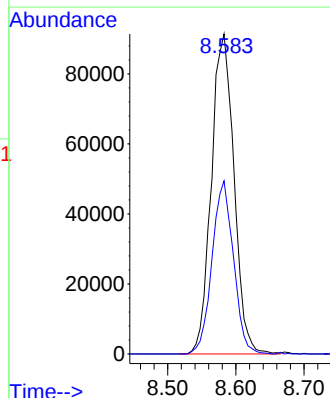
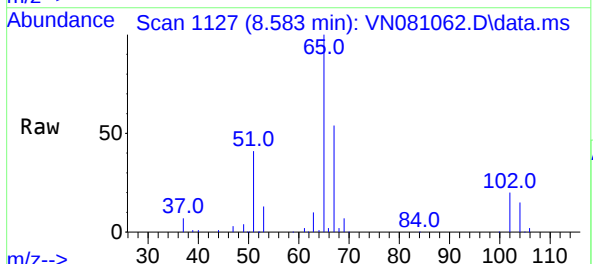
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

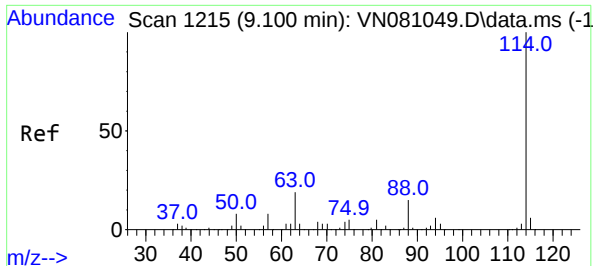
Tgt Ion:168 Resp: 346433
Ion Ratio Lower Upper
168 100
99 66.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.813 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 65 Resp: 211519
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

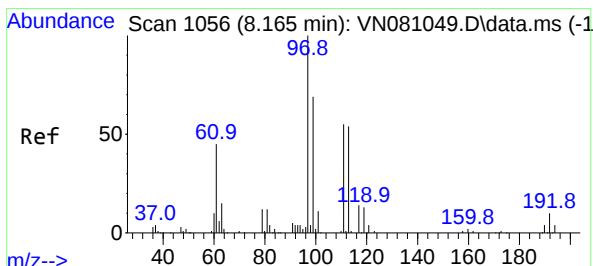
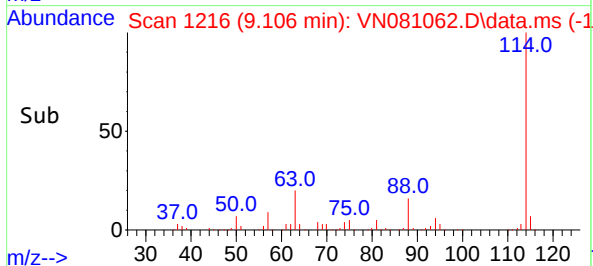
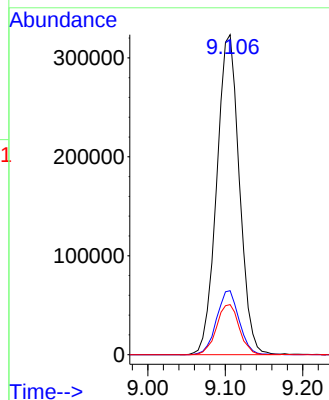
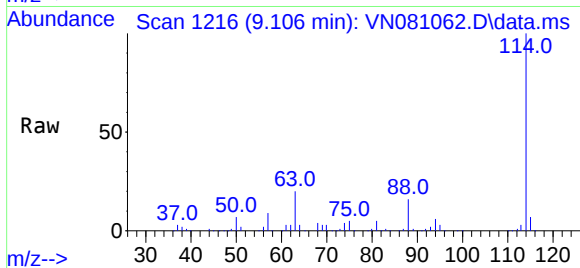
Tgt Ion:114 Resp: 656580

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081062.D

Acq: 16 Feb 2024 18:54

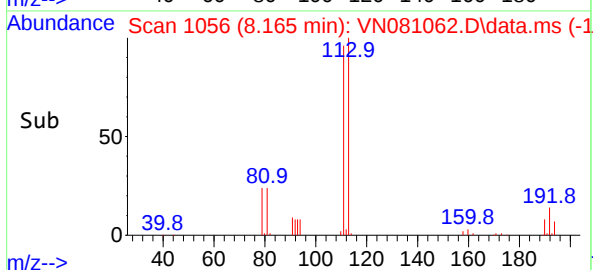
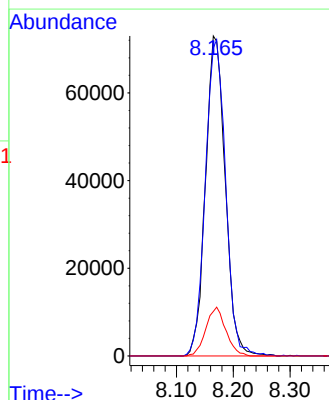
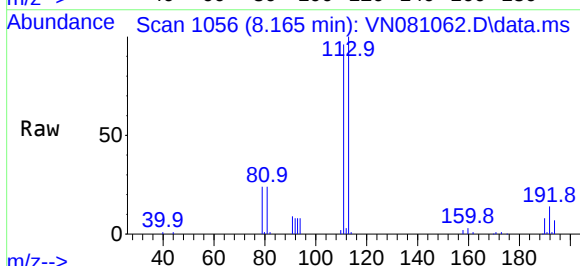
Tgt Ion:113 Resp: 175677

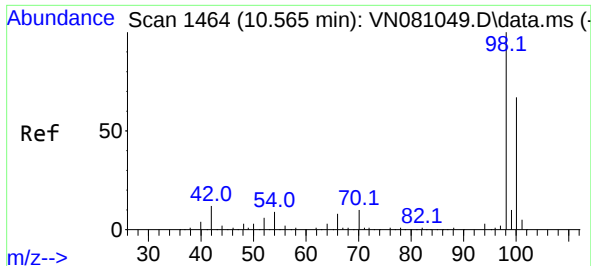
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 15.5 12.5 18.7

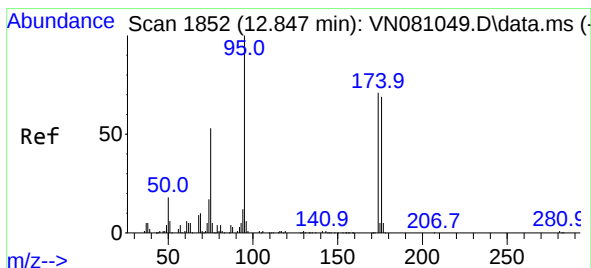
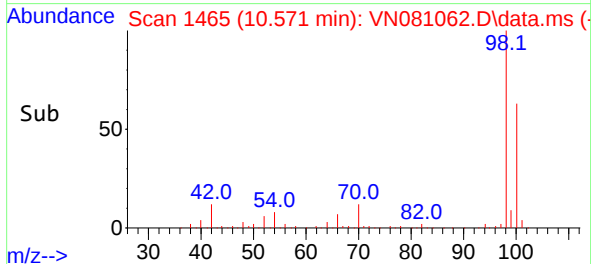
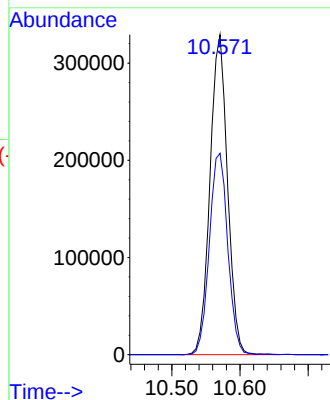
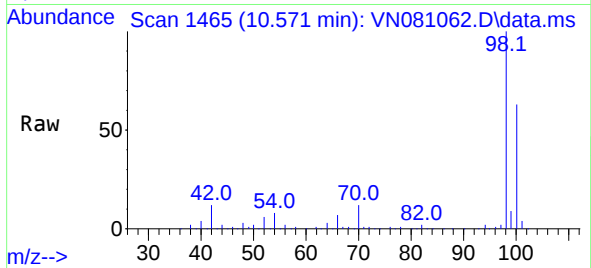




#50
Toluene-d8
Concen: 44.728 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

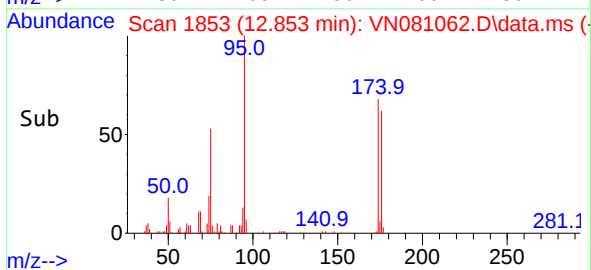
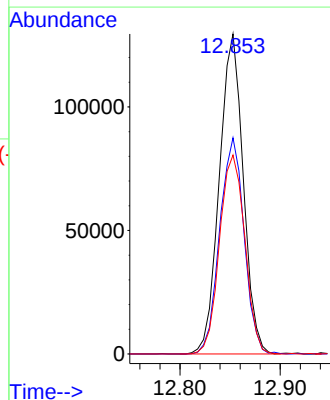
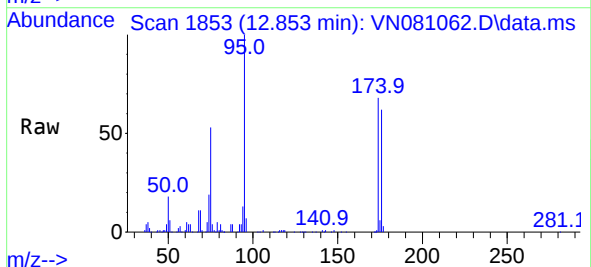
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

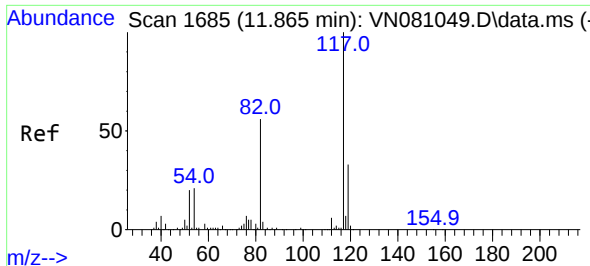
Tgt Ion: 98 Resp: 589812
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.210 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion: 95 Resp: 214105
Ion Ratio Lower Upper
95 100
174 68.9 0.0 120.4
176 65.8 0.0 121.0

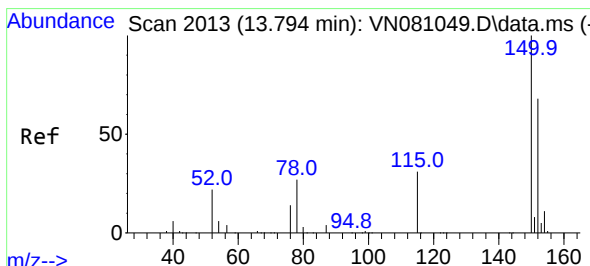
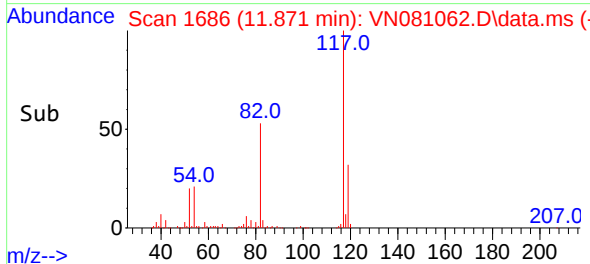
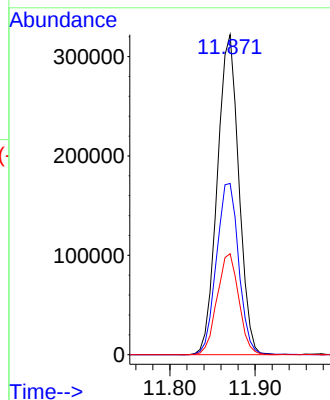
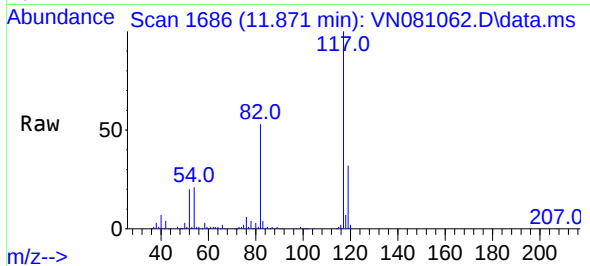




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081062.D
Acq: 16 Feb 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 564016
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 31.6 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: VN081062.D
Acq: 16 Feb 2024 18:54

Tgt Ion:152 Resp: 229504
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 153.7 0.0 339.8

