

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078432.D
 Acq On : 28 Jun 2023 11:15
 Operator : JC\MD
 Sample : VN0628MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628MBL01

Quant Time: Jun 29 05:16:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	462189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	821171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	733591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304017	49.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.660%
35) Dibromofluoromethane	8.171	113	300560	57.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.780%
50) Toluene-d8	10.576	98	942850	47.104	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.853	95	309330	49.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%

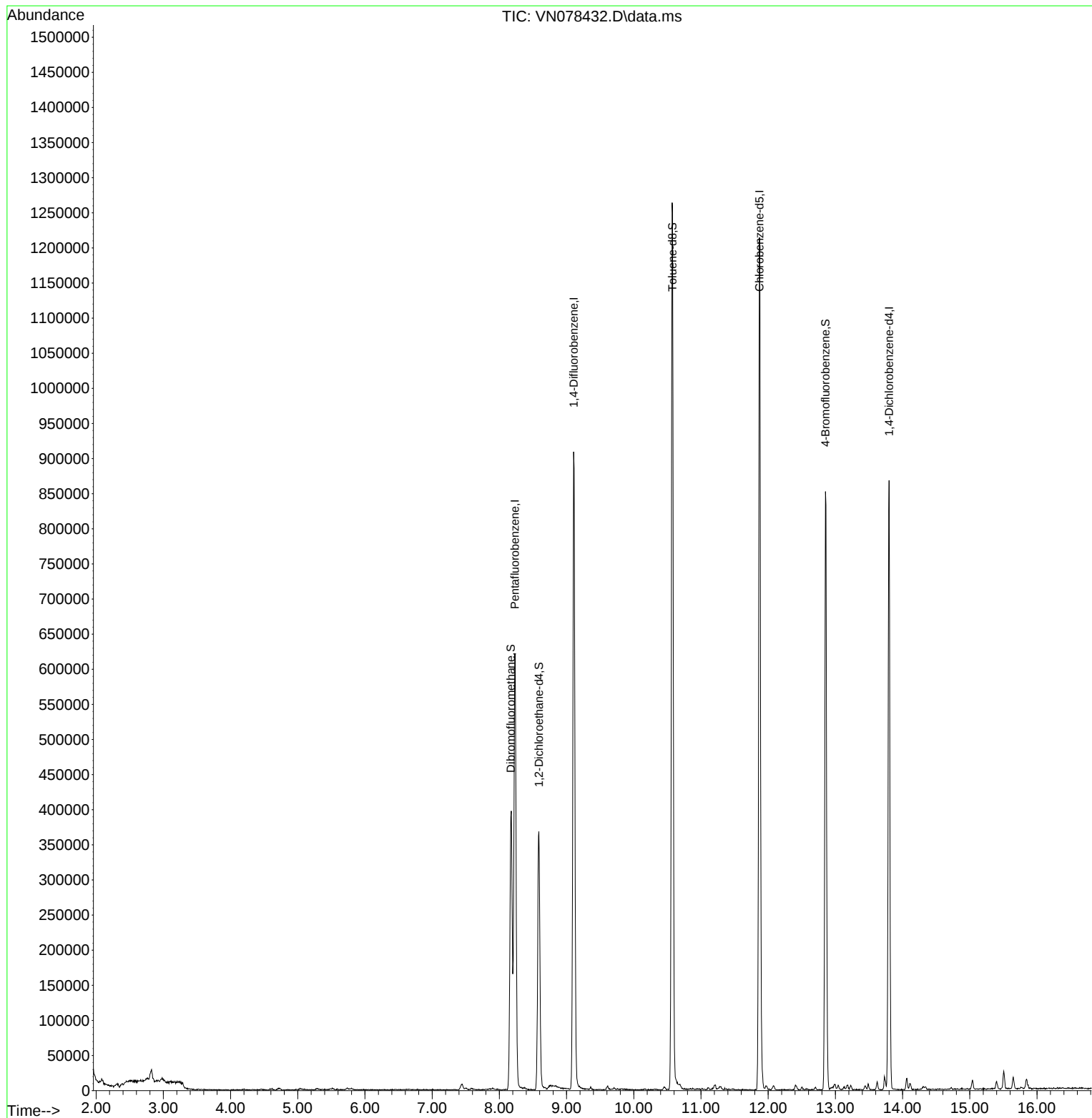
Target Compounds	Qvalue

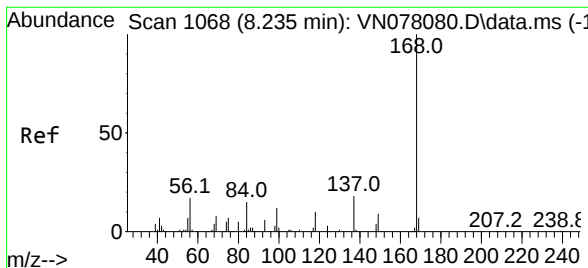
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
Data File : VN078432.D
Acq On : 28 Jun 2023 11:15
Operator : JC\MD
Sample : VN0628MBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0628MBL01

Quant Time: Jun 29 05:16:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

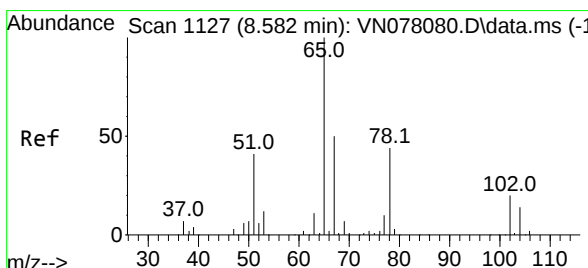
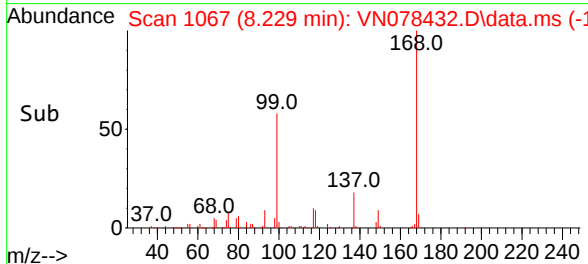
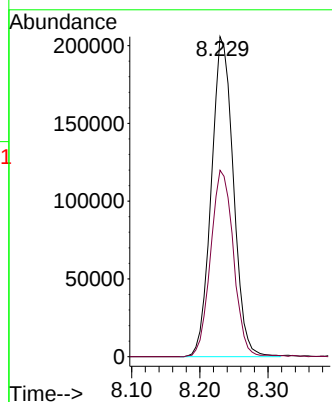
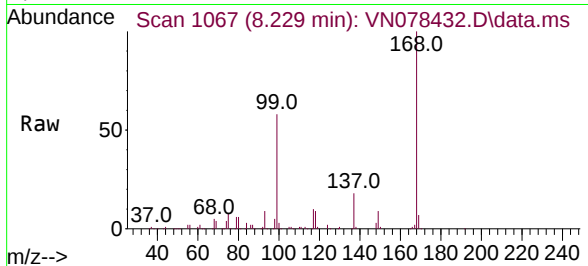




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078432.D
Acq: 28 Jun 2023 11:15

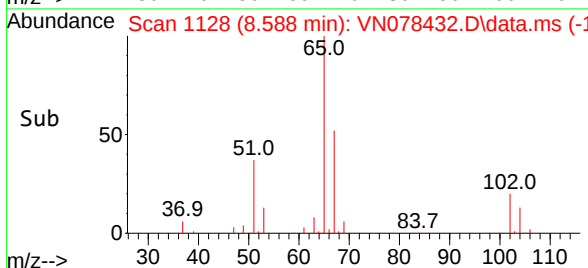
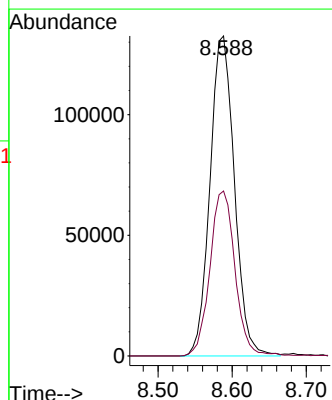
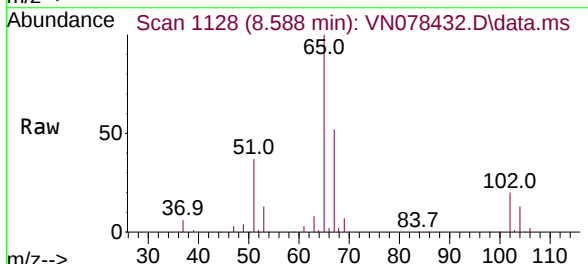
Instrument :
MSVOA_N
ClientSampleId :
VN0628MBL01

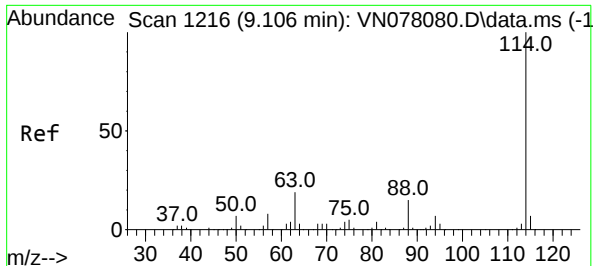
Tgt Ion:168 Resp: 462189
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.334 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078432.D
Acq: 28 Jun 2023 11:15

Tgt Ion: 65 Resp: 304017
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078432.D

Acq: 28 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0628MBL01

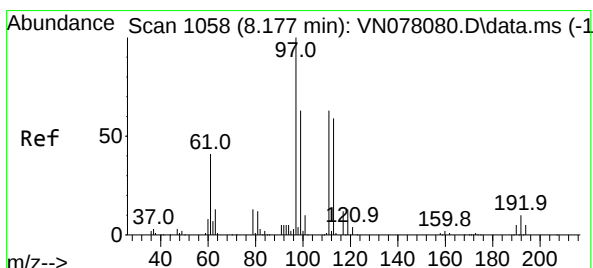
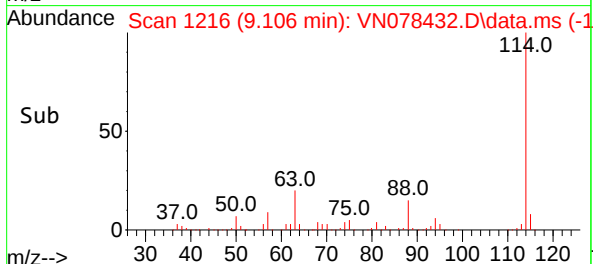
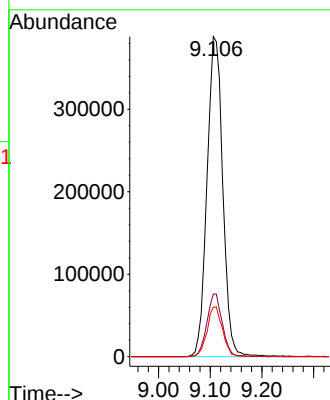
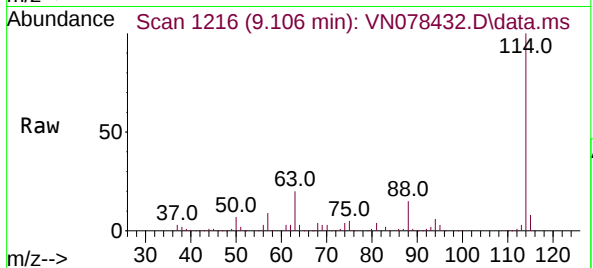
Tgt Ion:114 Resp: 821171

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.887 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078432.D

Acq: 28 Jun 2023 11:15

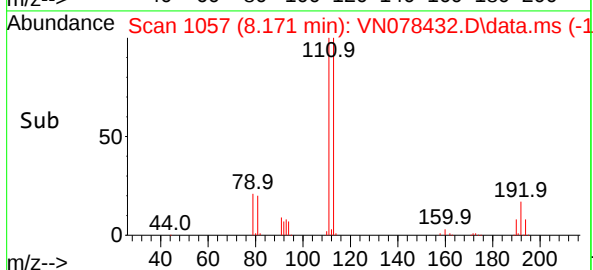
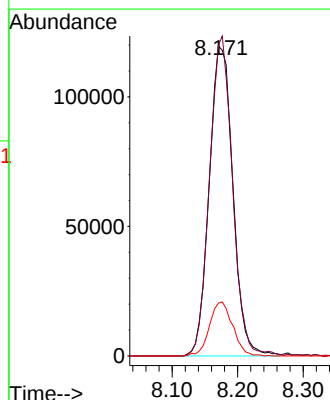
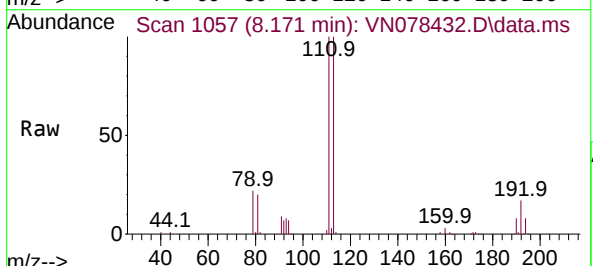
Tgt Ion:113 Resp: 300560

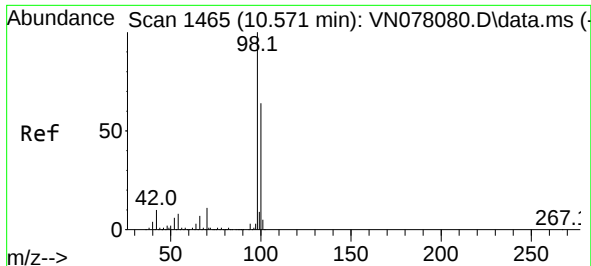
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 17.1 12.7 19.1

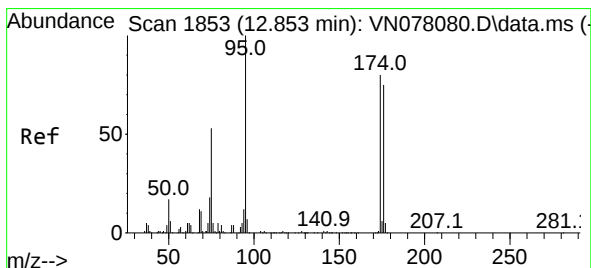
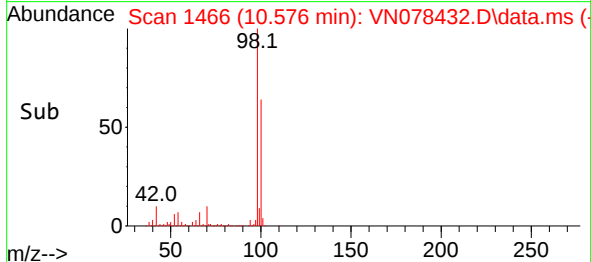
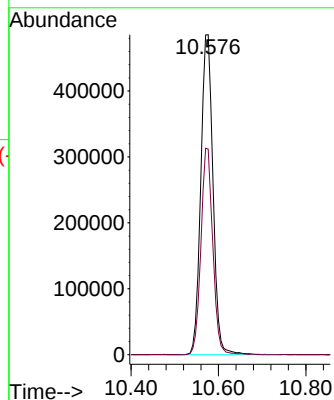
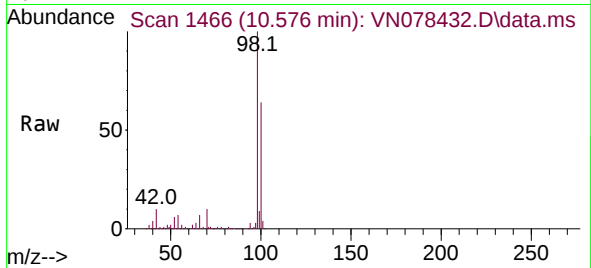




#50
Toluene-d8
Concen: 47.104 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078432.D
Acq: 28 Jun 2023 11:15

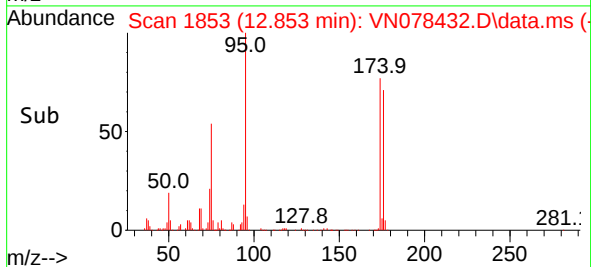
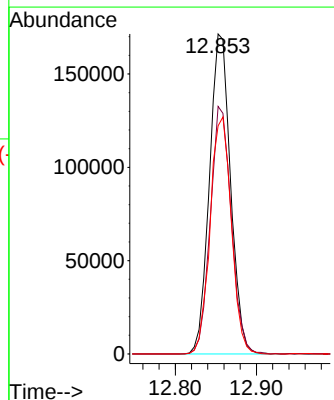
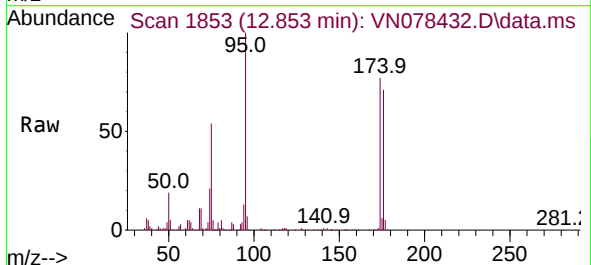
Instrument :
MSVOA_N
ClientSampleId :
VN0628MBL01

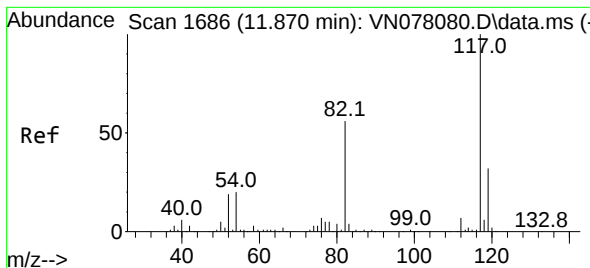
Tgt Ion: 98 Resp: 942850
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.711 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078432.D
Acq: 28 Jun 2023 11:15

Tgt Ion: 95 Resp: 309330
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 74.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078432.D

Acq: 28 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0628MBL01

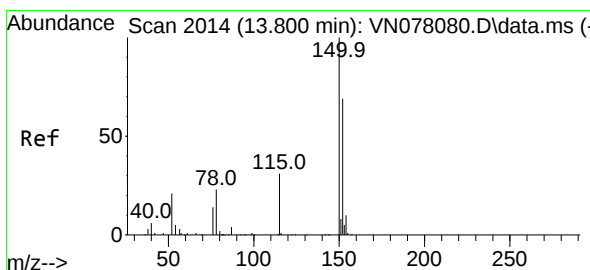
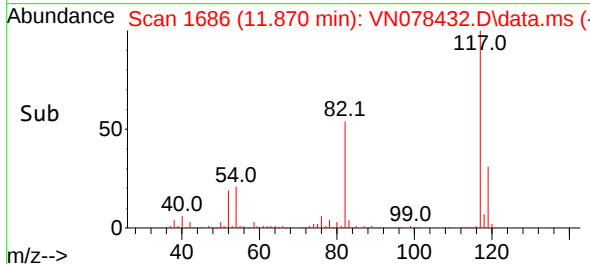
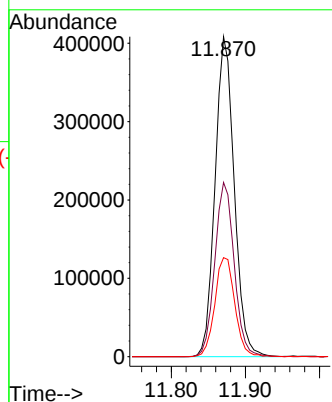
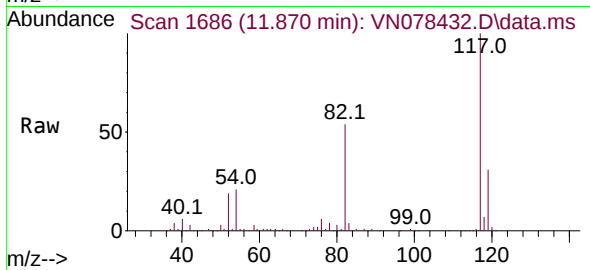
Tgt Ion:117 Resp: 733591

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078432.D

Acq: 28 Jun 2023 11:15

Tgt Ion:152 Resp: 236103

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 158.6 0.0 355.8

