

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075955.D
 Acq On : 23 Dec 2022 10:27
 Operator : JC\MD
 Sample : VN1223WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBL01

Quant Time: Dec 26 04:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	457434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	176588	48.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.620%
35) Dibromofluoromethane	8.177	113	159476	48.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	10.571	98	604924	49.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.853	95	189580	46.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%

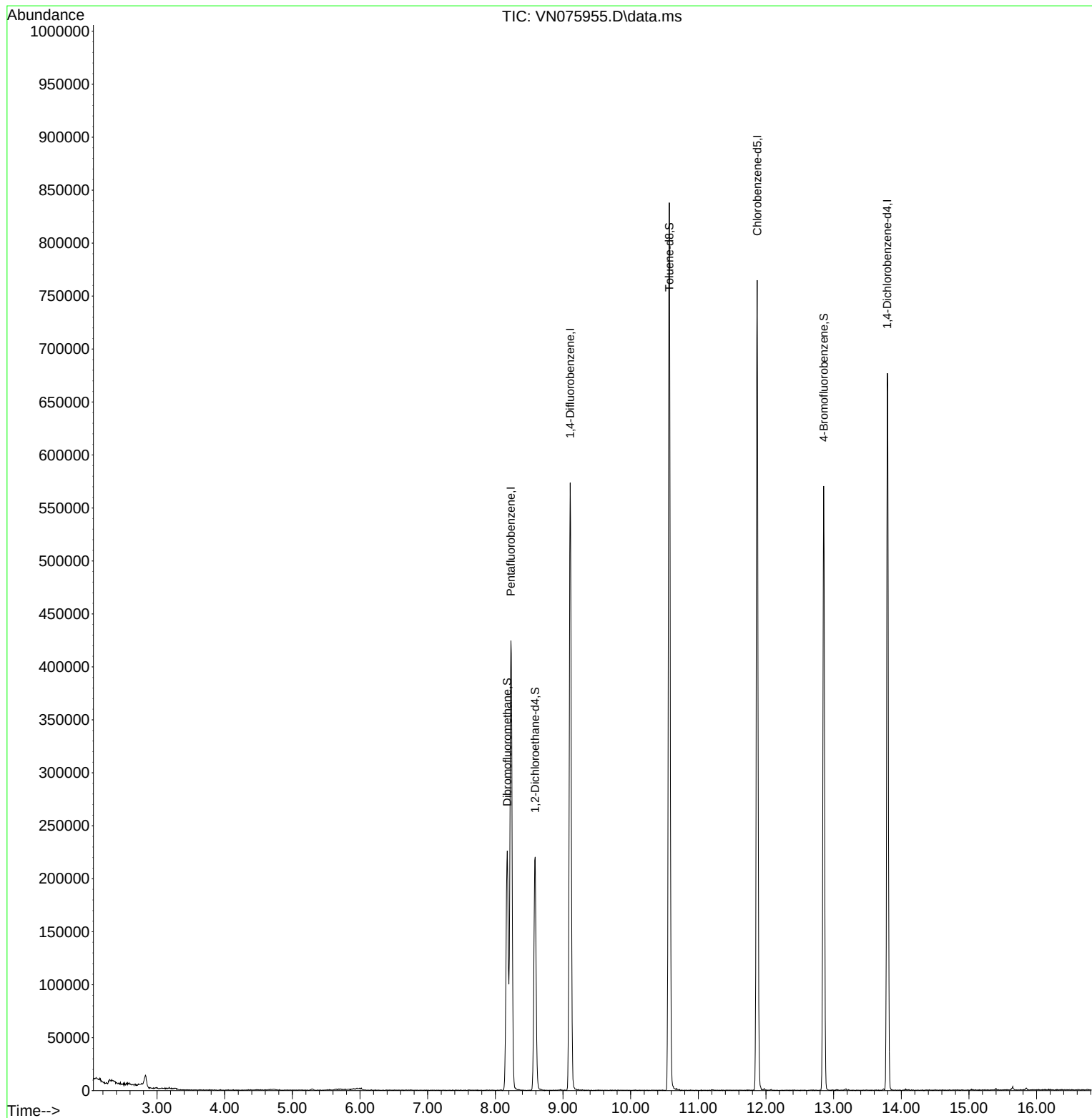
Target Compounds	Qvalue

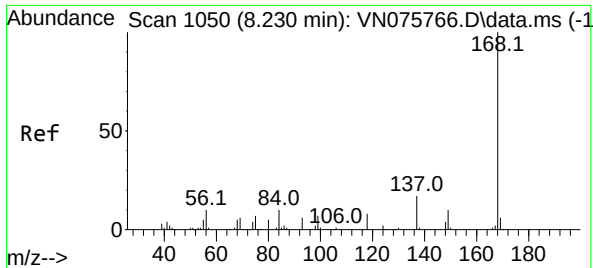
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
Data File : VN075955.D
Acq On : 23 Dec 2022 10:27
Operator : JC\MD
Sample : VN1223WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

Quant Time: Dec 26 04:29:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

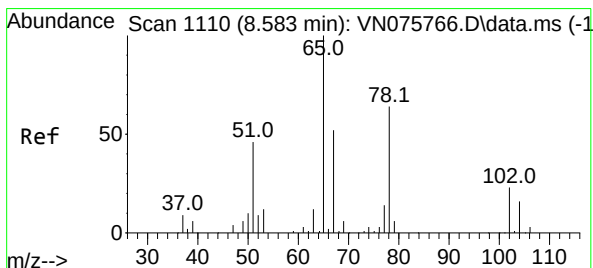
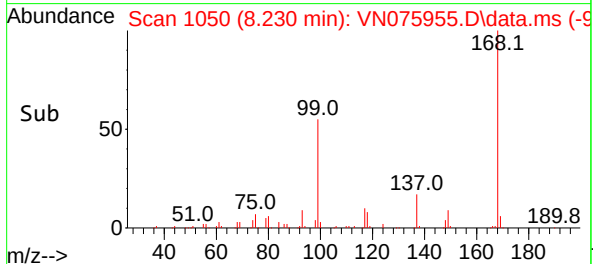
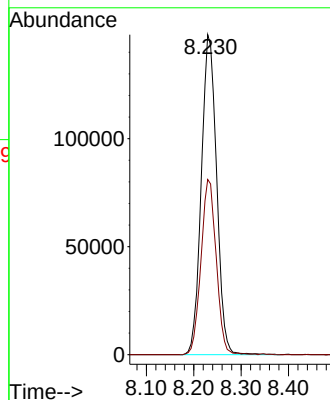
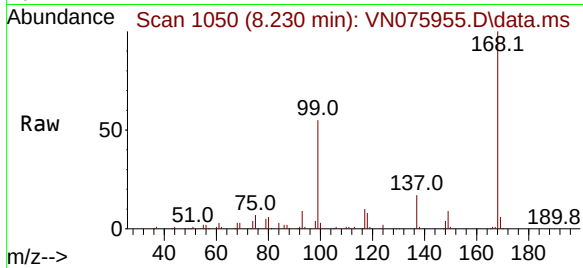




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

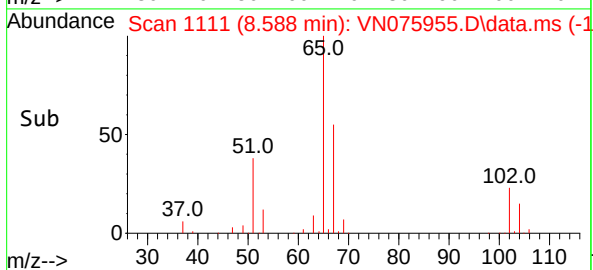
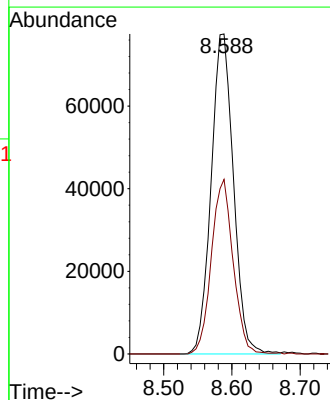
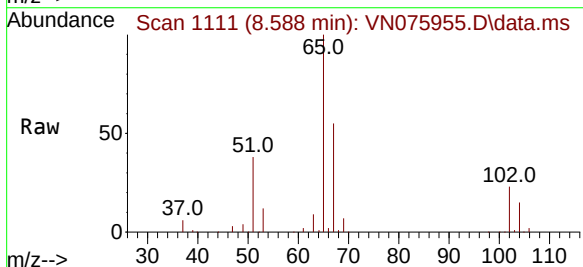
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

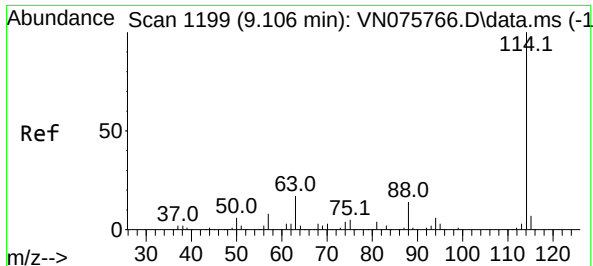
Tgt Ion:168 Resp: 332577
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.806 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 65 Resp: 176588
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

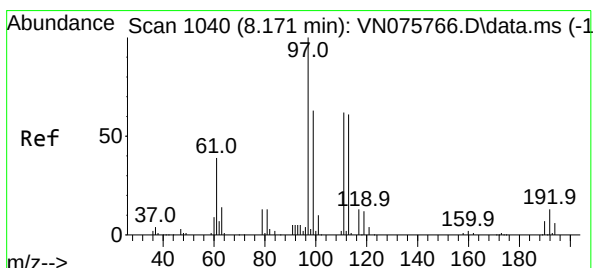
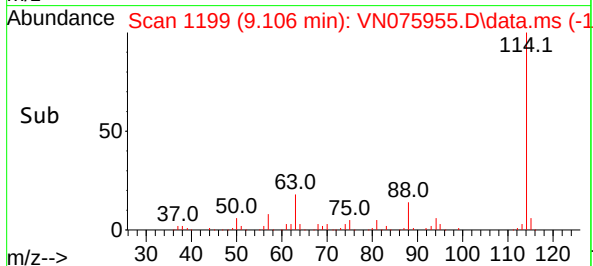
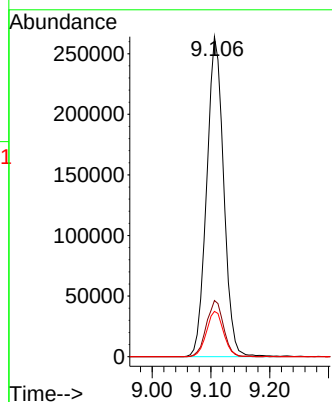
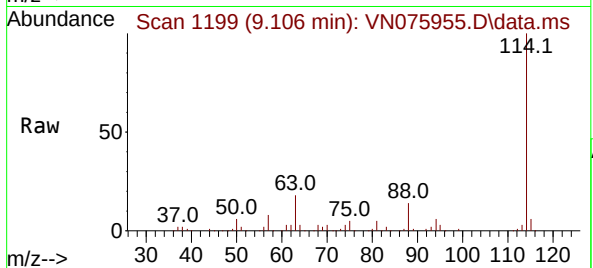
Tgt Ion:114 Resp: 529605

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

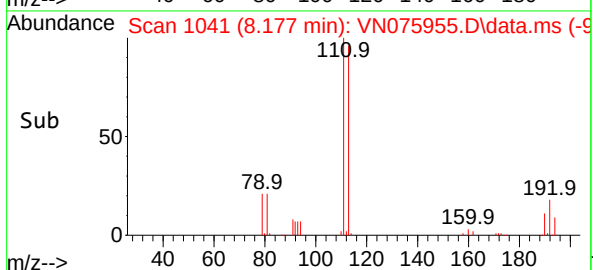
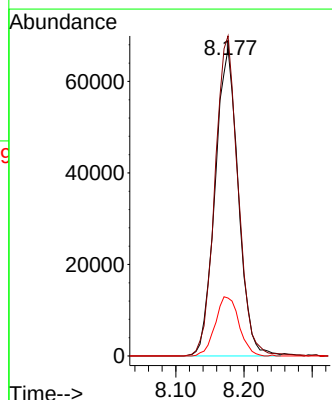
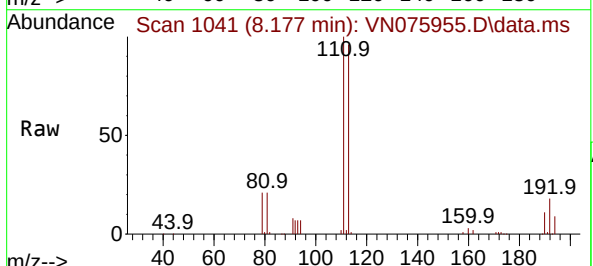
Tgt Ion:113 Resp: 159476

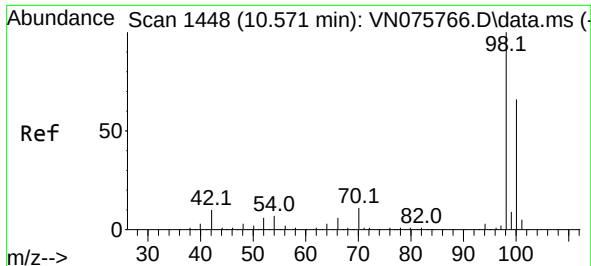
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 19.6 16.1 24.1

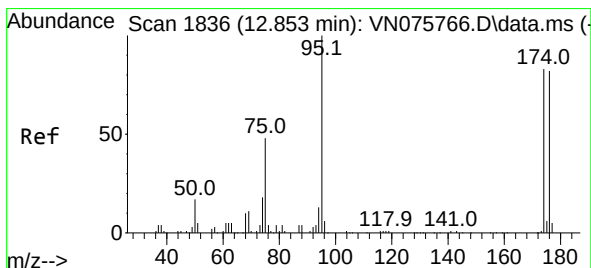
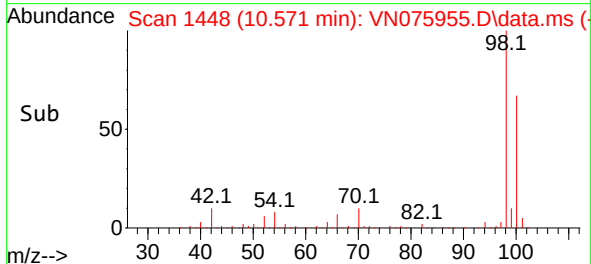
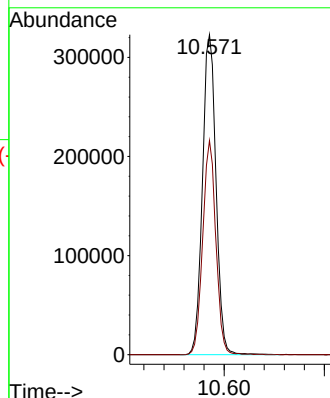
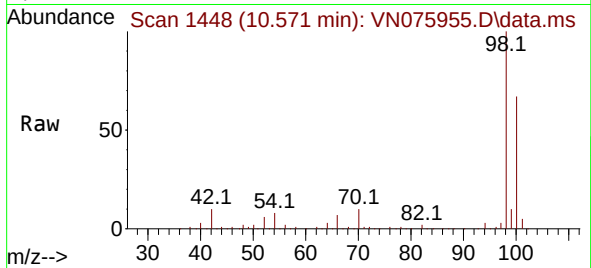




#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

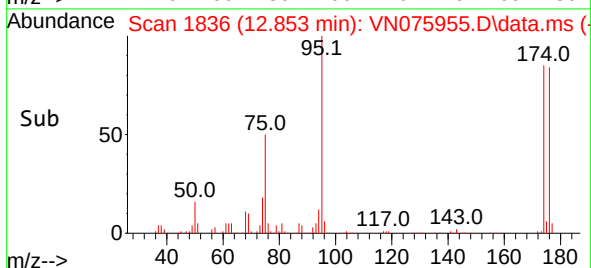
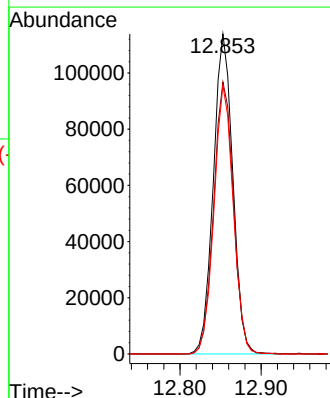
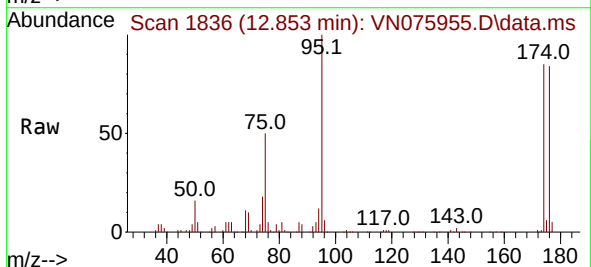
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

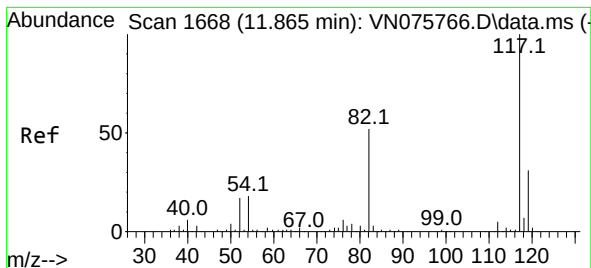
Tgt Ion: 98 Resp: 604924
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.677 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 95 Resp: 189580
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.1 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

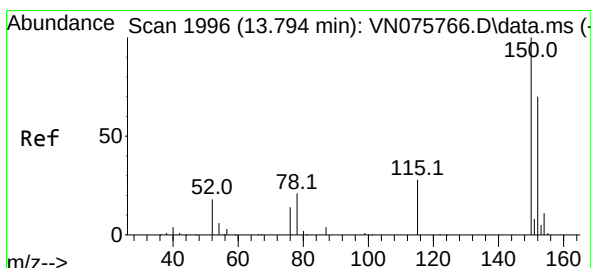
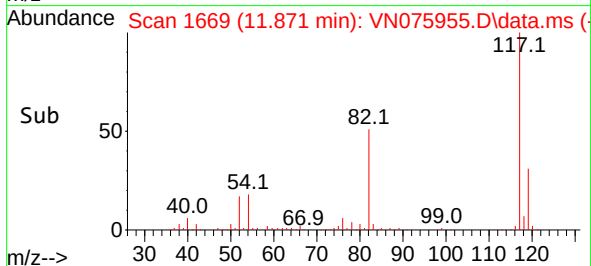
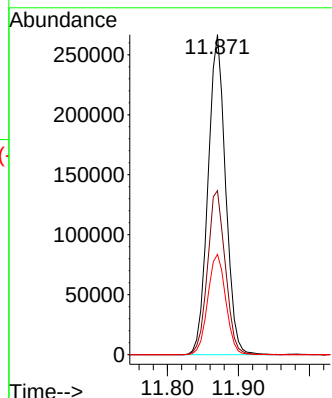
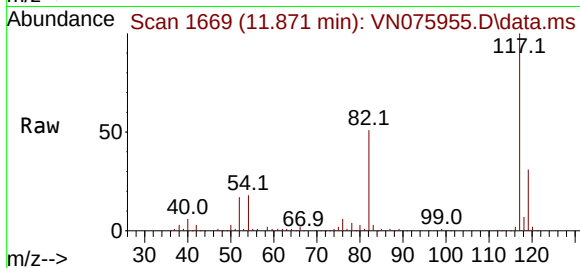
Tgt Ion:117 Resp: 457434

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

119 31.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Tgt Ion:152 Resp: 194942

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.4

150 156.2 0.0 347.0

