

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076543.D
 Acq On : 06 Feb 2023 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 07 04:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	591639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	980705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	860939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	345520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328885	46.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.380%
35) Dibromofluoromethane	8.177	113	295613	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	10.571	98	1138011	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.853	95	383166	47.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%

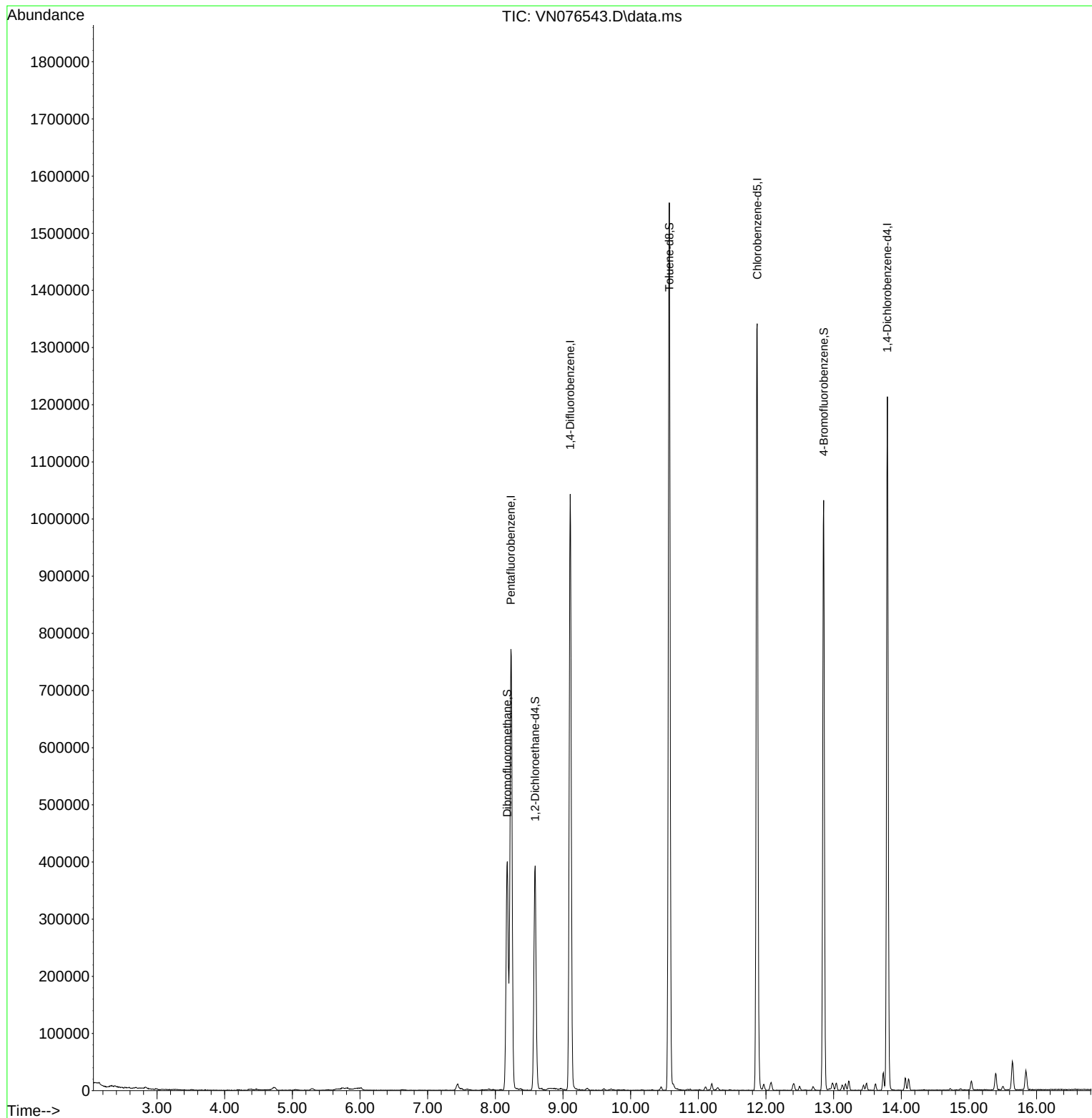
Target Compounds	Qvalue

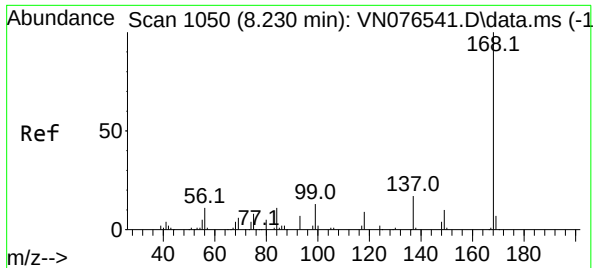
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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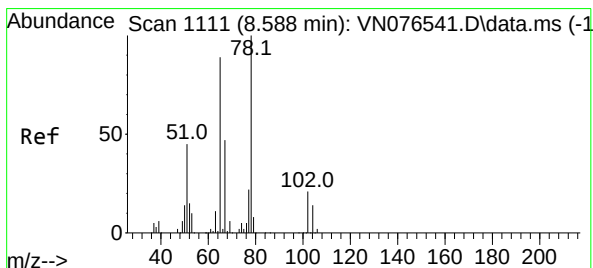
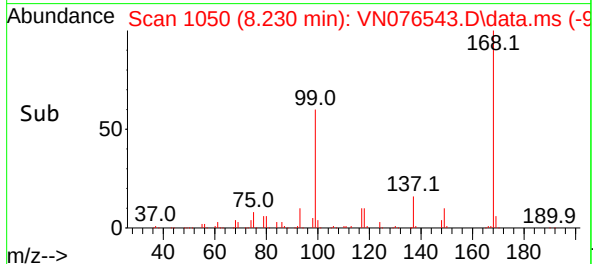
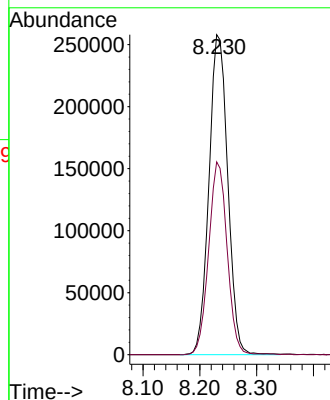
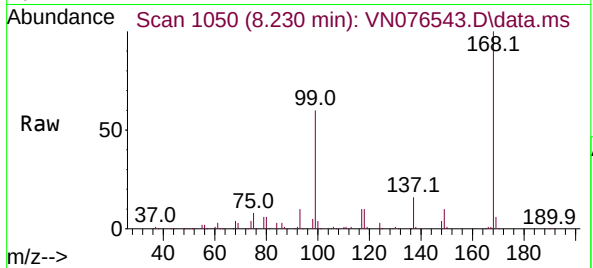




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

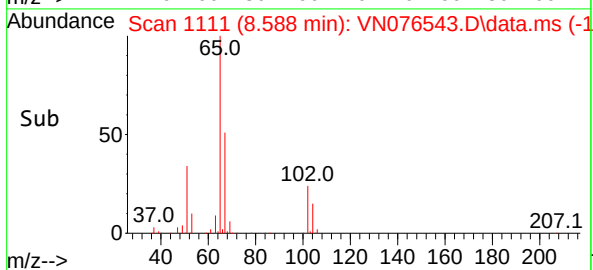
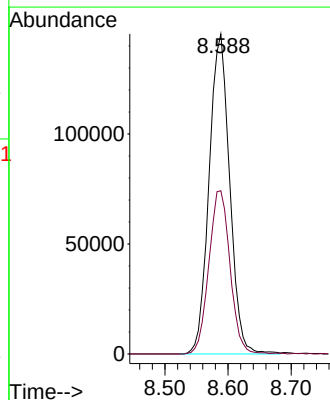
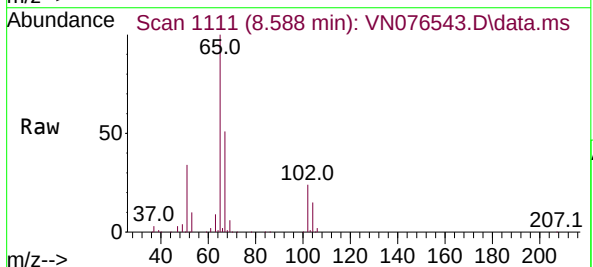
Instrument :
MSVOA_N
ClientSampleId :
IBLK

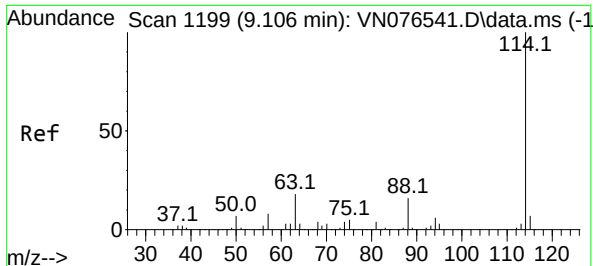
Tgt Ion:168 Resp: 591639
Ion Ratio Lower Upper
168 100
99 60.3 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 65 Resp: 328885
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

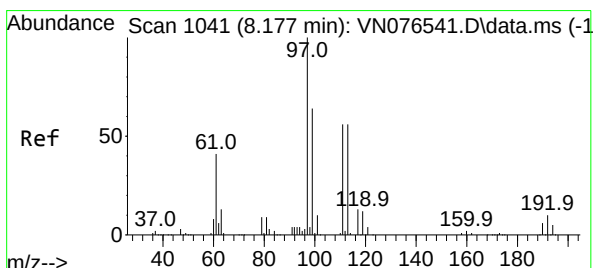
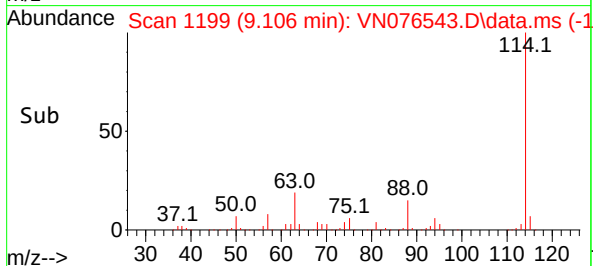
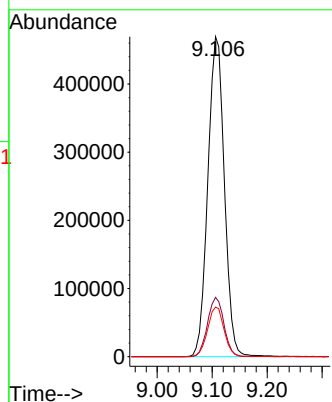
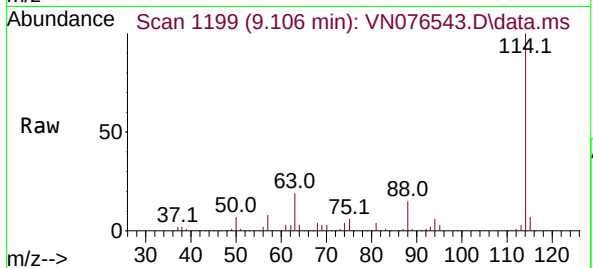
Tgt Ion:114 Resp: 980705

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.709 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

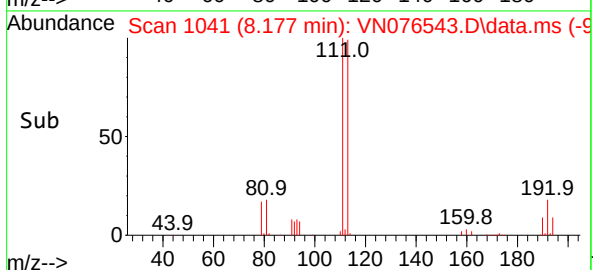
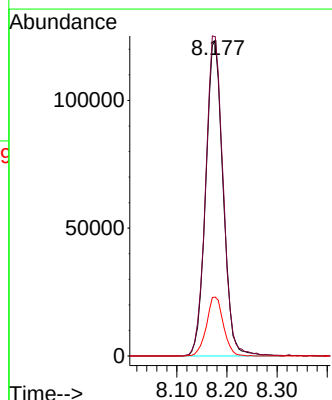
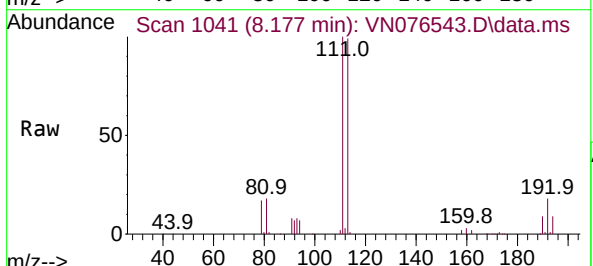
Tgt Ion:113 Resp: 295613

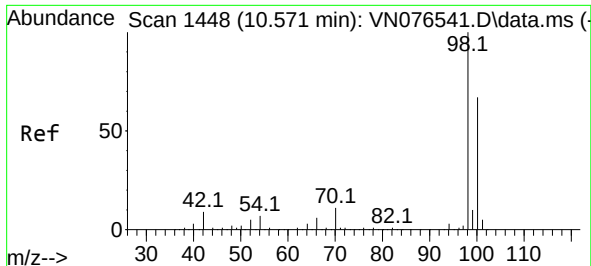
Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

192 18.3 15.0 22.4

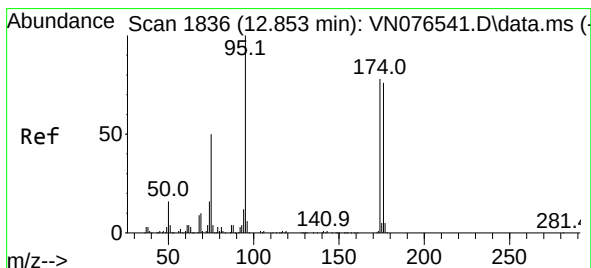
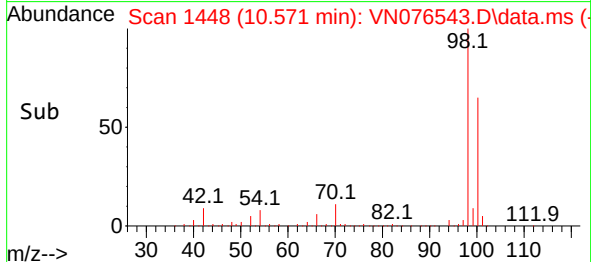
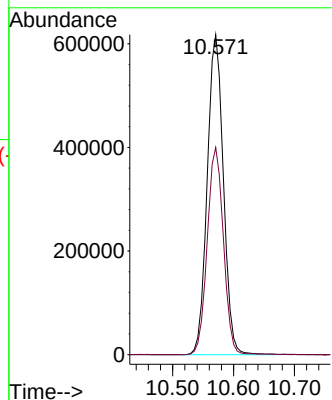
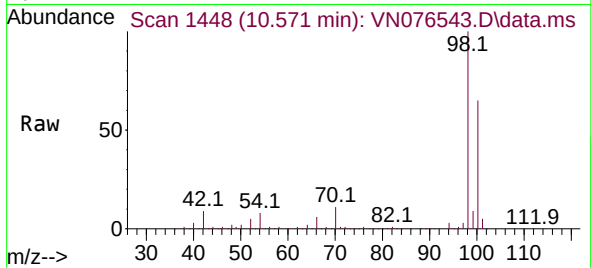




#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

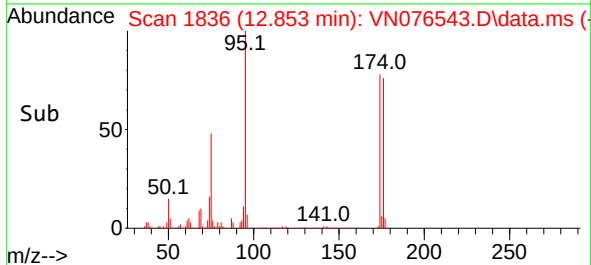
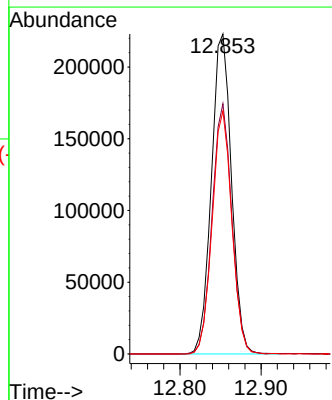
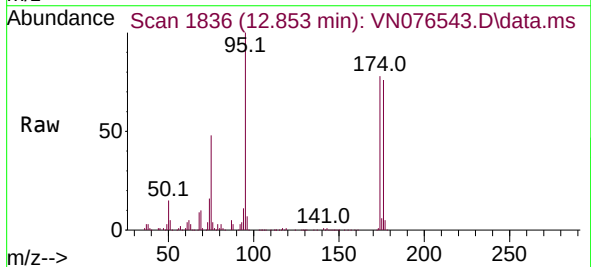
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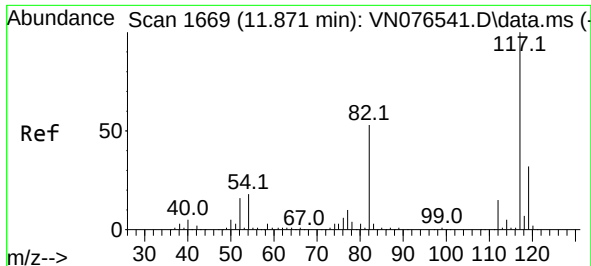
Tgt Ion: 98 Resp: 1138011
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 95 Resp: 383166
Ion Ratio Lower Upper
95 100
174 76.9 0.0 153.4
176 74.3 0.0 149.0

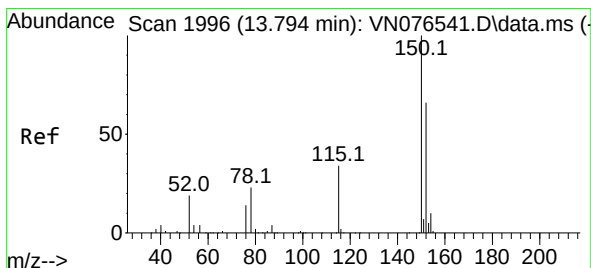
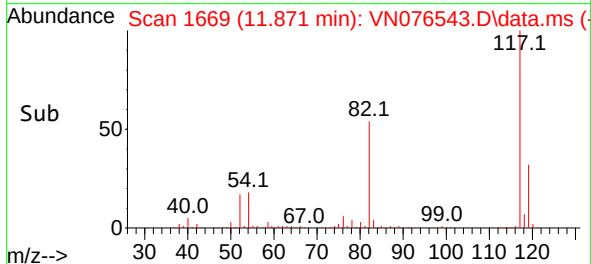
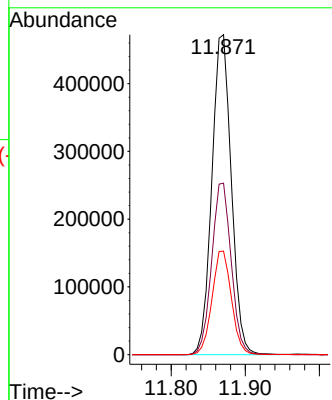
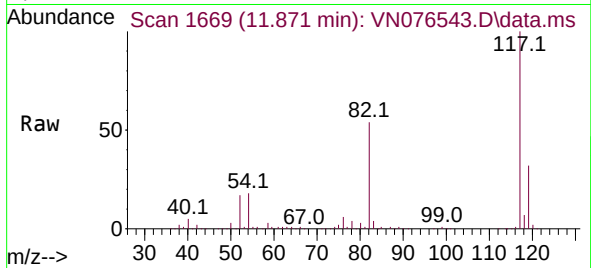




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 860939
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:152 Resp: 345520
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 158.0 0.0 352.0

