

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076569.D
 Acq On : 08 Feb 2023 10:45
 Operator : JC\MD
 Sample : VN0208WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBL01

Quant Time: Feb 09 00:42:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	646060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1063827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	910658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	360299	47.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.177	113	316947	47.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	10.571	98	1215972	48.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.853	95	401580	45.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%

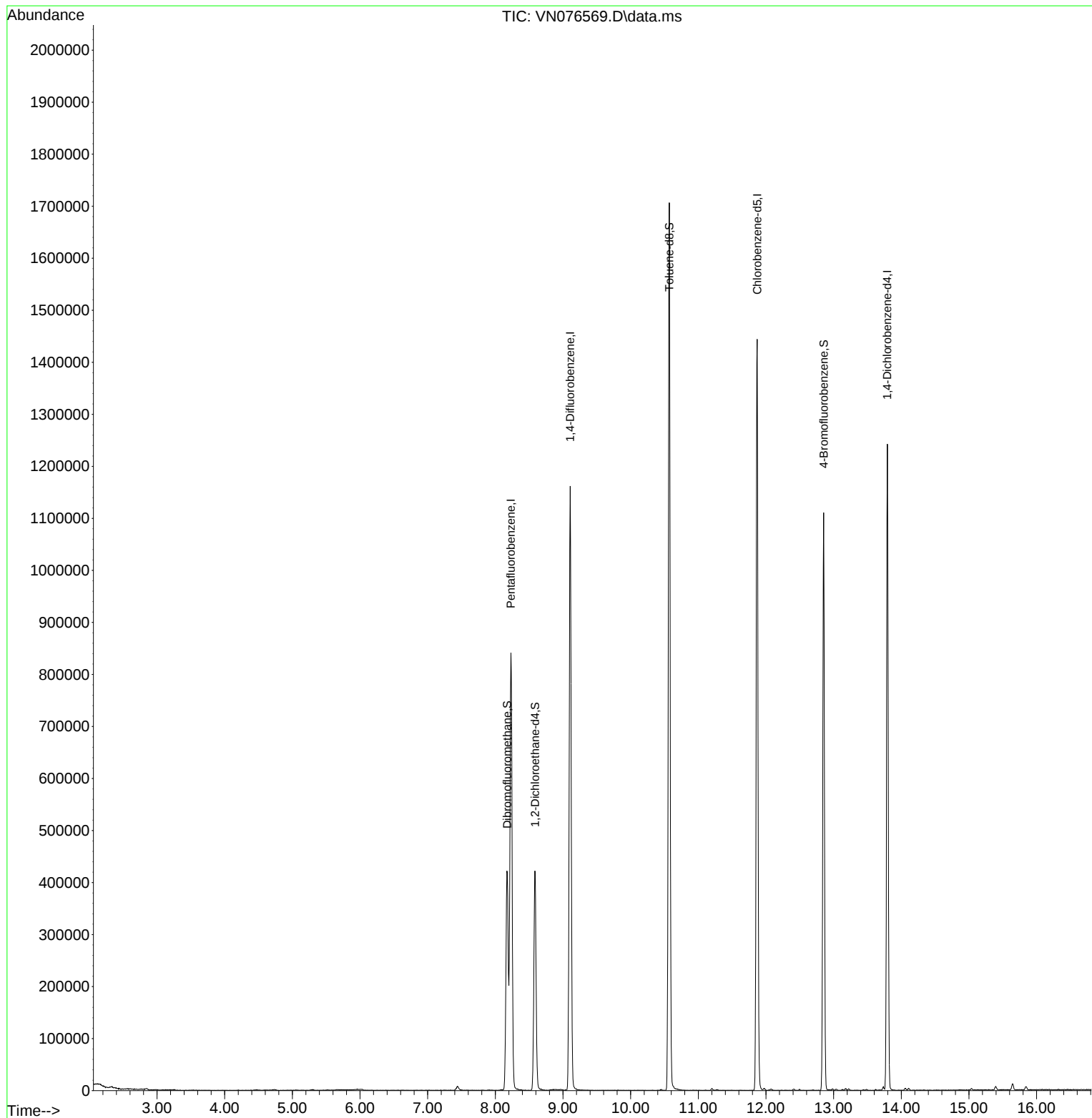
Target Compounds	Qvalue

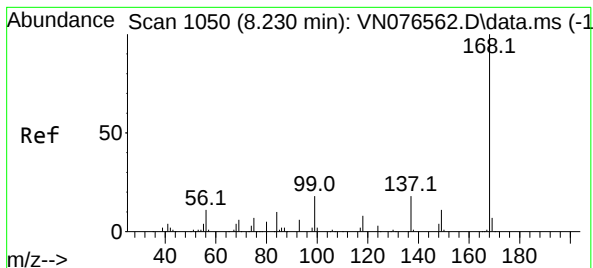
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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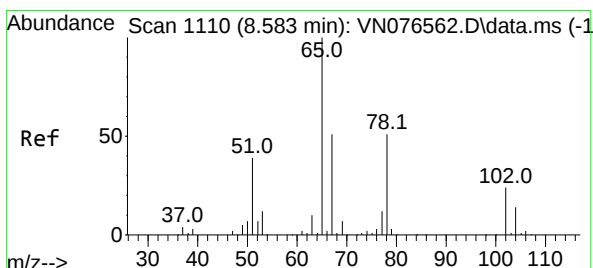
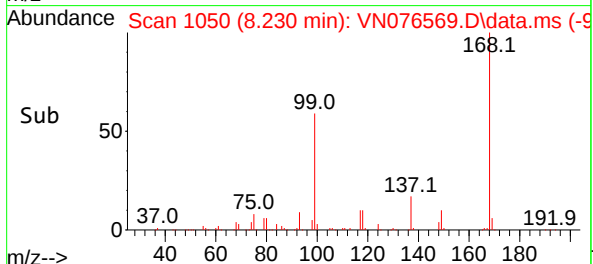
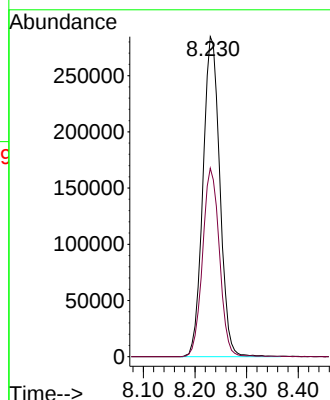
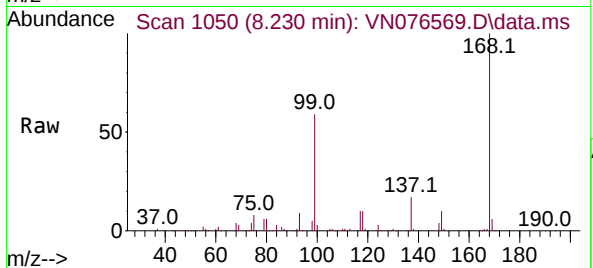




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

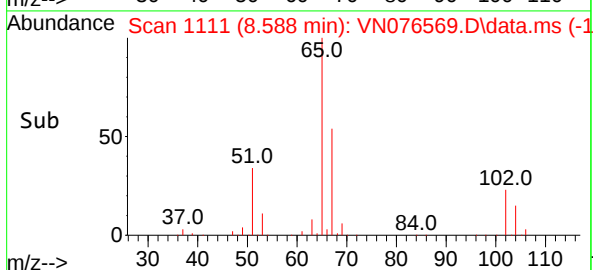
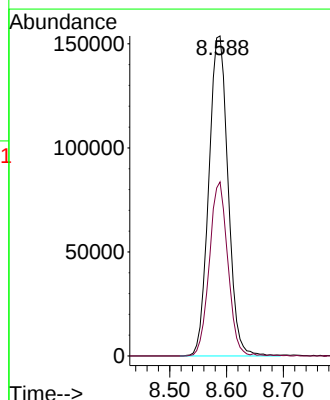
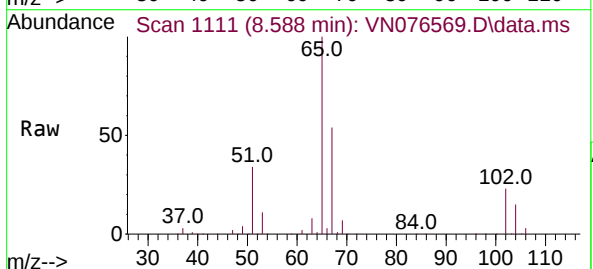
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBL01

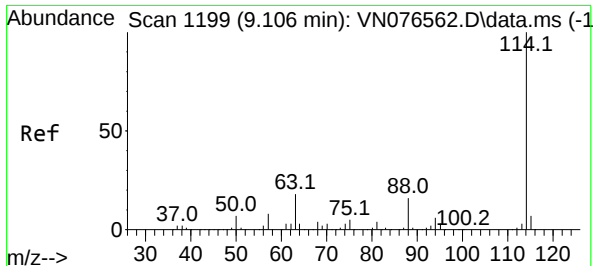
Tgt Ion:168 Resp: 646060
Ion Ratio Lower Upper
168 100
99 58.9 47.8 71.8



#33
1,2-Dichloroethane-d4
Concen: 47.250 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

Tgt Ion: 65 Resp: 360299
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076569.D

Acq: 08 Feb 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBL01

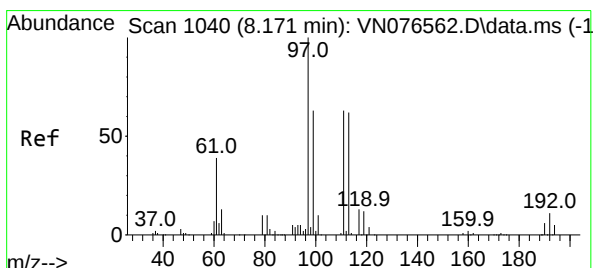
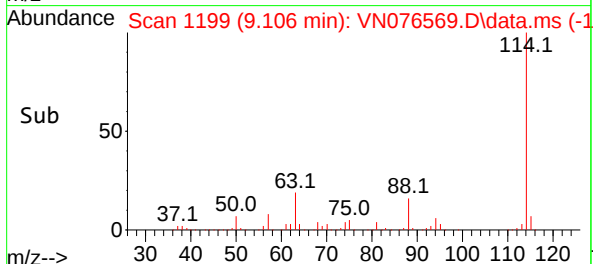
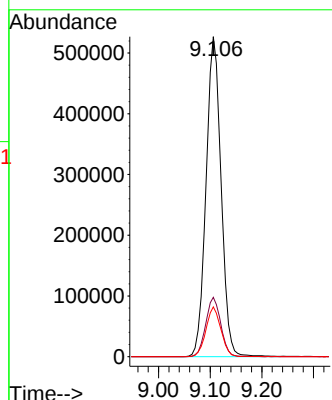
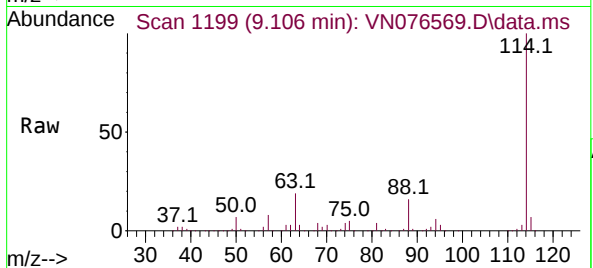
Tgt Ion:114 Resp: 1063827

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 15.5 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.927 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076569.D

Acq: 08 Feb 2023 10:45

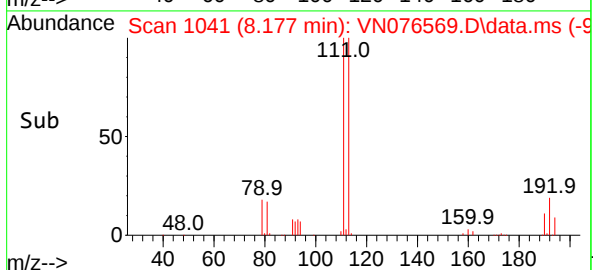
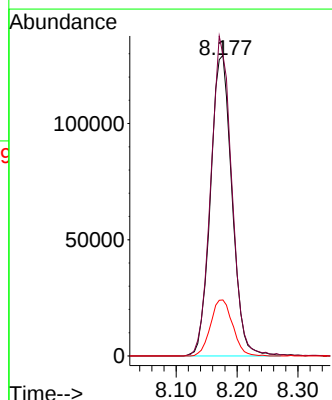
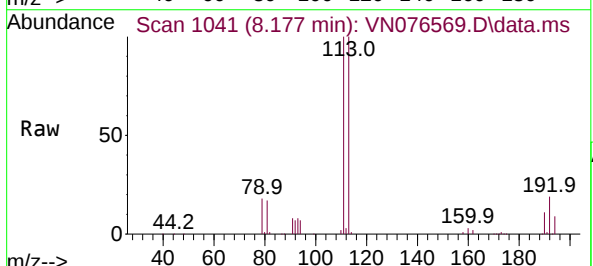
Tgt Ion:113 Resp: 316947

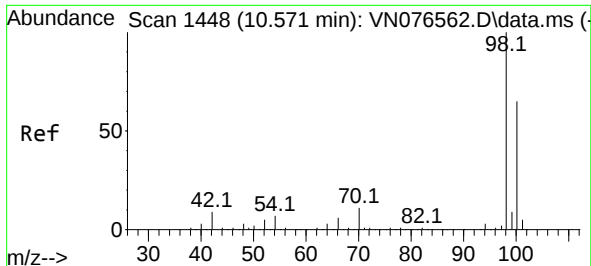
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 19.2 14.8 22.2

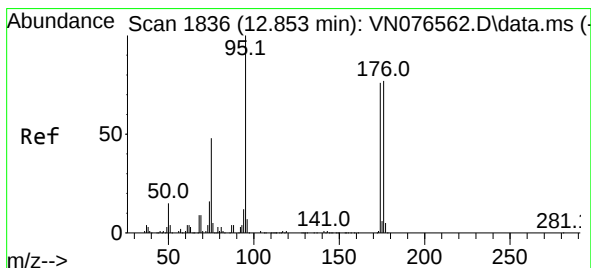
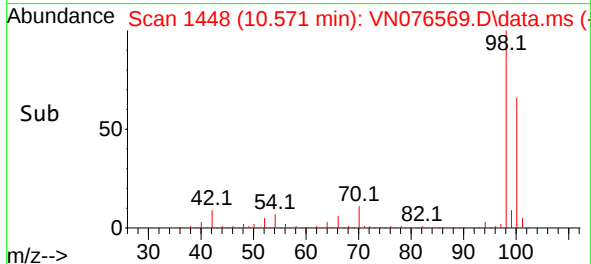
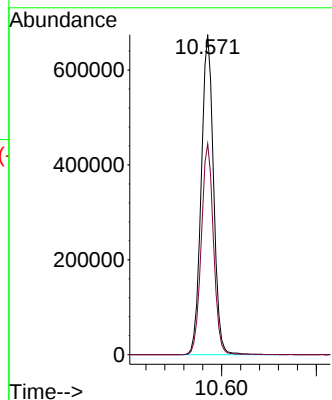
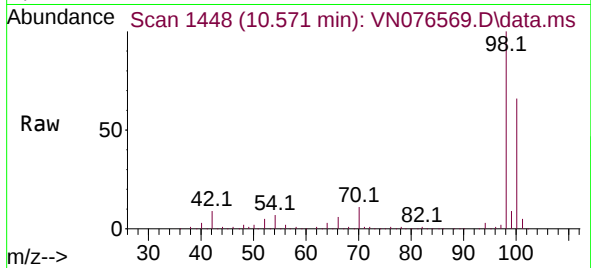




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

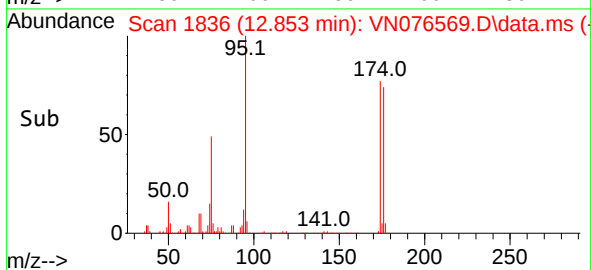
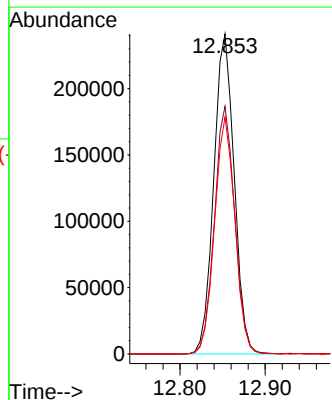
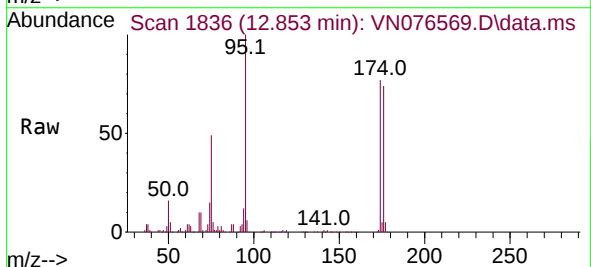
Instrument :
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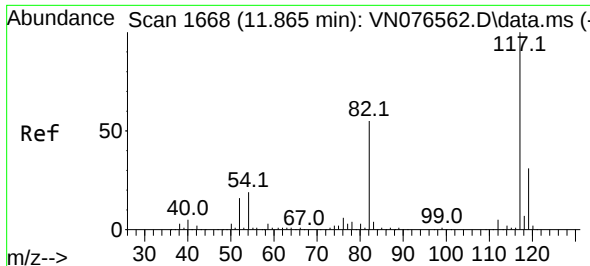
Tgt Ion: 98 Resp: 1215972
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.818 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

Tgt Ion: 95 Resp: 401580
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.0
176 73.8 0.0 152.0

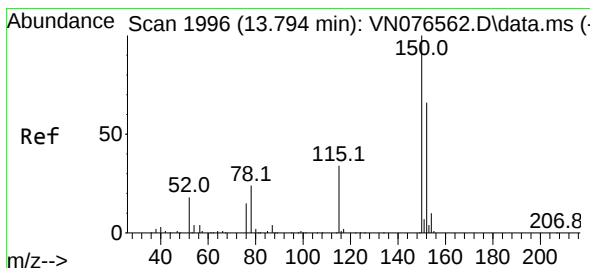
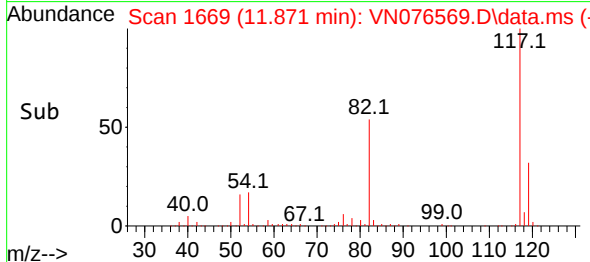
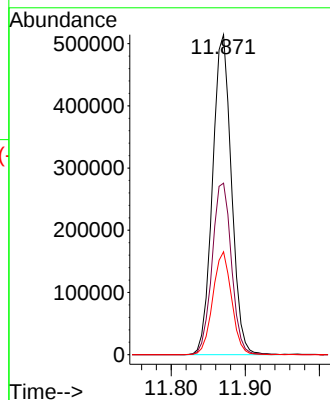
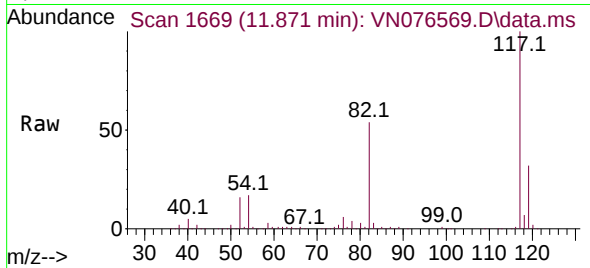




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBL01

Tgt Ion:117 Resp: 910658
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076569.D
Acq: 08 Feb 2023 10:45

Tgt Ion:152 Resp: 353694
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.3
150 155.9 0.0 348.8

