

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075946.D
 Acq On : 22 Dec 2022 15:39
 Operator : JC\MD
 Sample : N6168-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1691

Quant Time: Dec 23 04:03:25 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	328111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	515033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	443571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172233	48.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.177	113	155909	48.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.571	98	597290	50.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.853	95	183356	46.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%

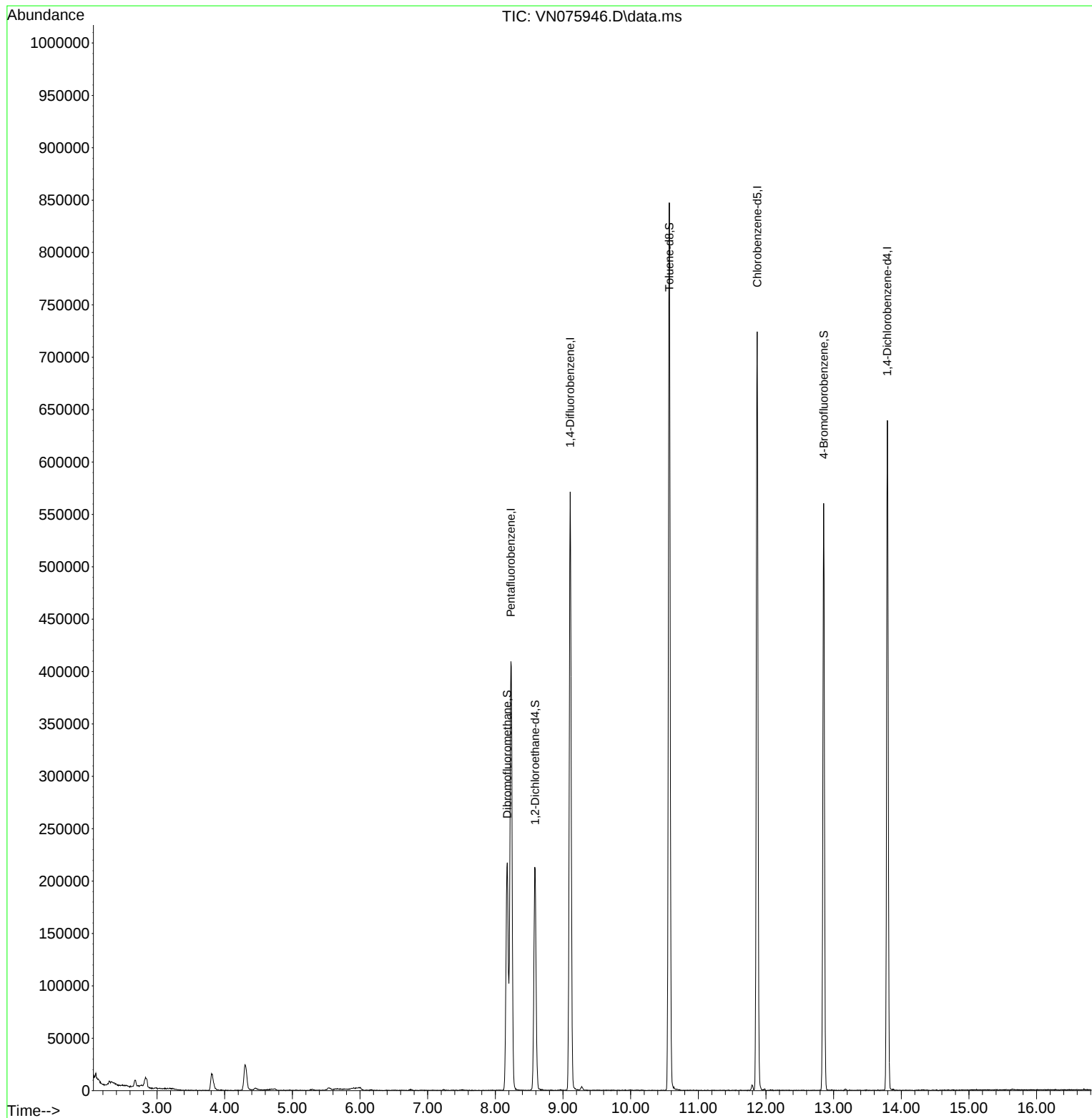
Target Compounds	Qvalue

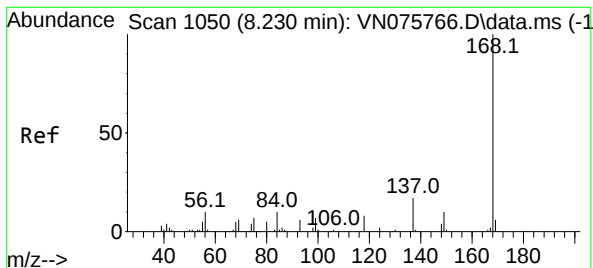
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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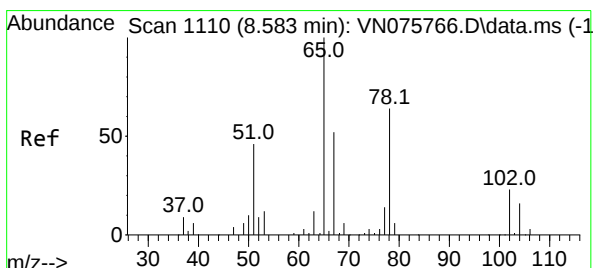
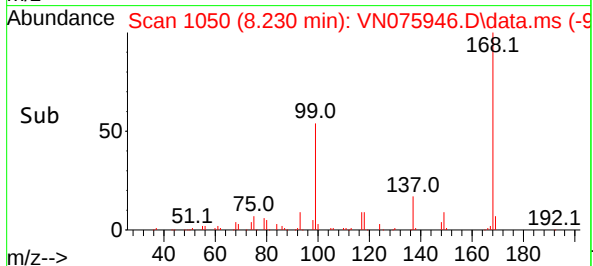
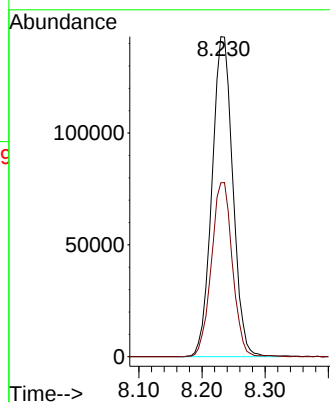
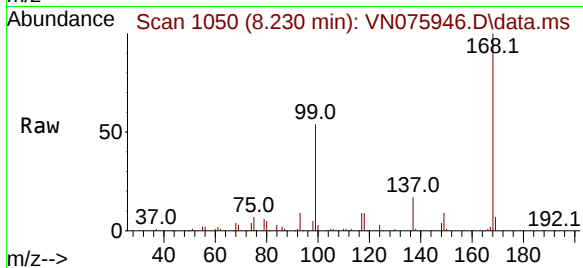




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

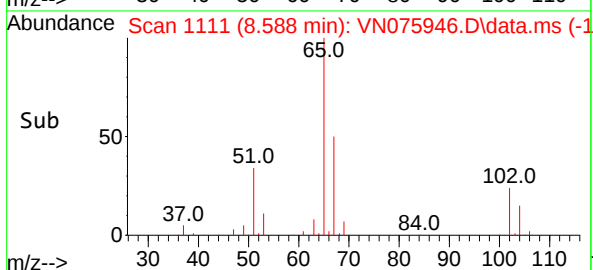
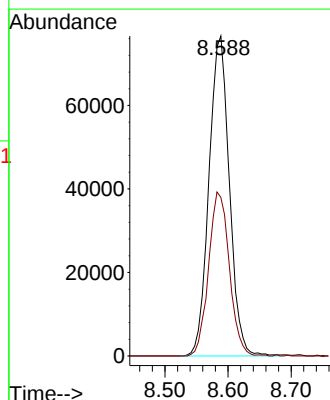
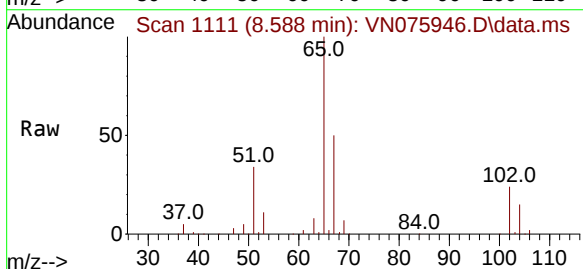
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

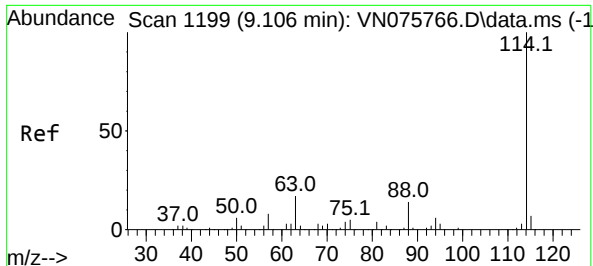
Tgt Ion:168 Resp: 328111
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 65 Resp: 172233
Ion Ratio Lower Upper
65 100
67 52.1 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: VN075946.D

Acq: 22 Dec 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

AUD-1691

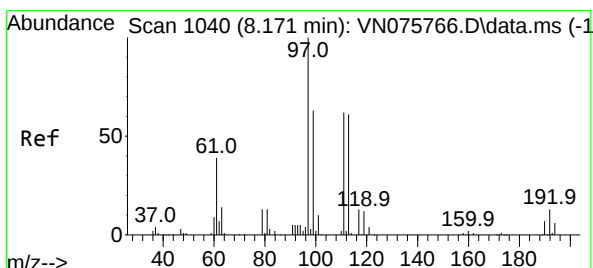
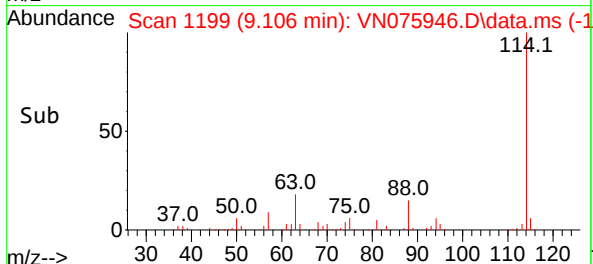
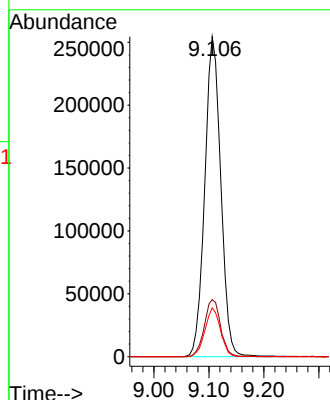
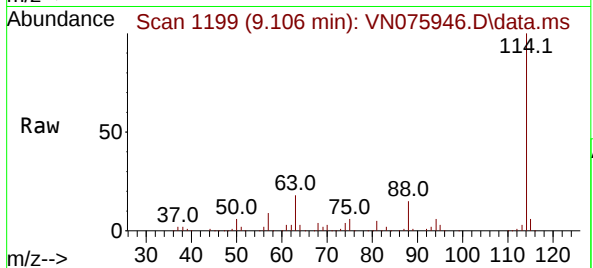
Tgt Ion:114 Resp: 515033

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075946.D

Acq: 22 Dec 2022 15:39

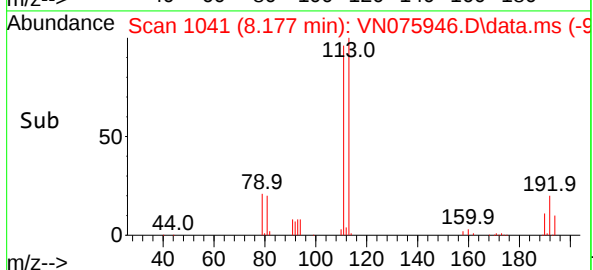
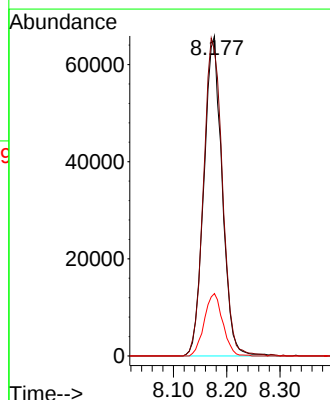
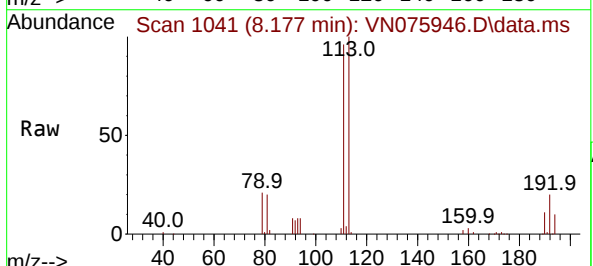
Tgt Ion:113 Resp: 155909

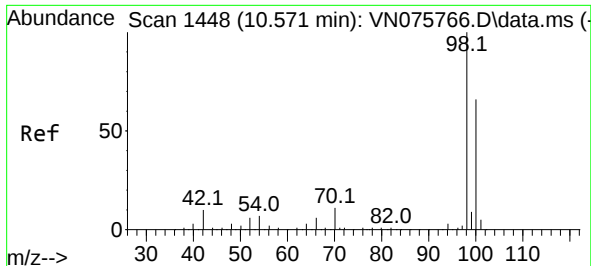
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 19.8 16.1 24.1

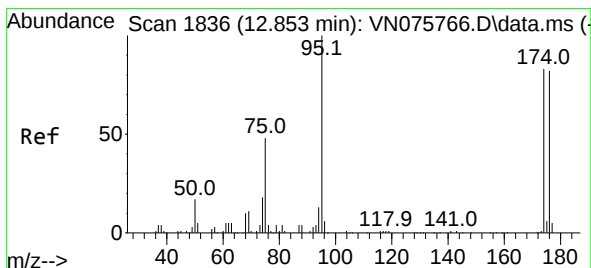
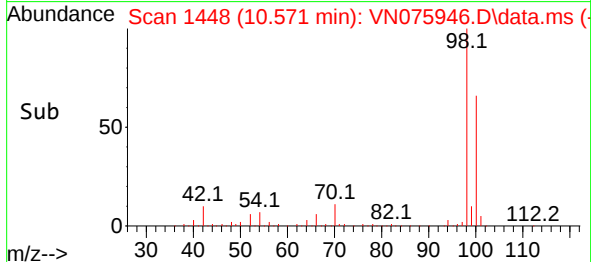
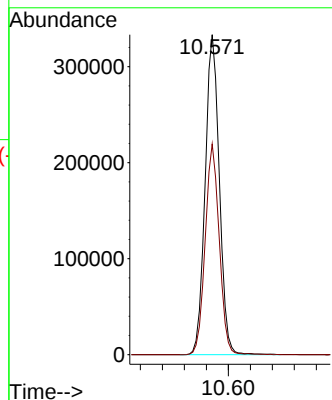
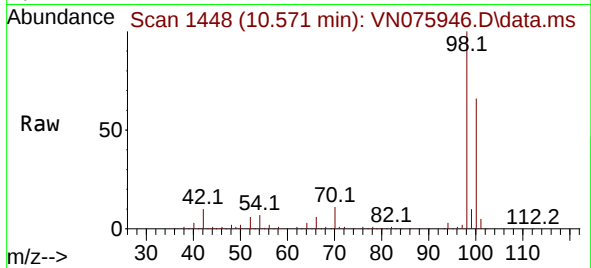




#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

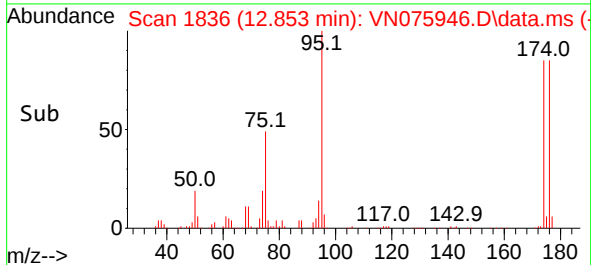
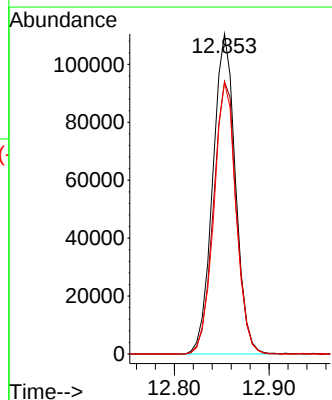
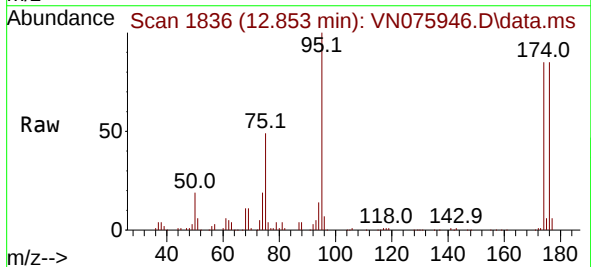
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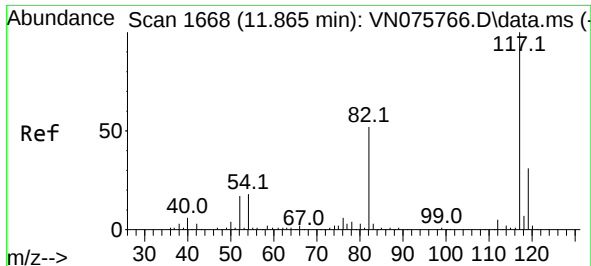
Tgt Ion: 98 Resp: 597290
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 95 Resp: 183356
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 83.0 0.0 169.2

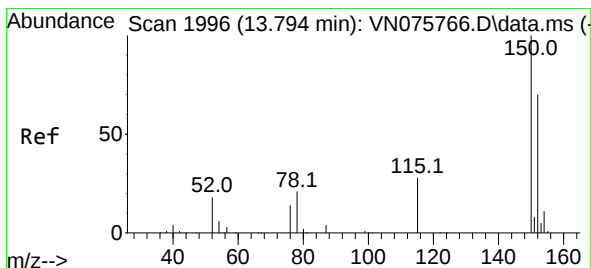
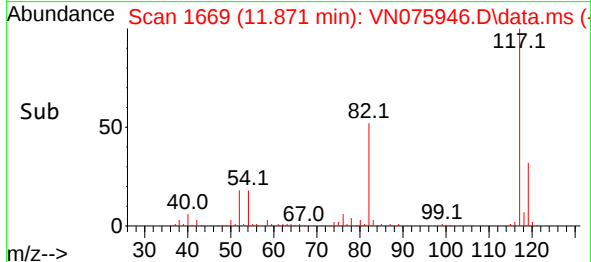
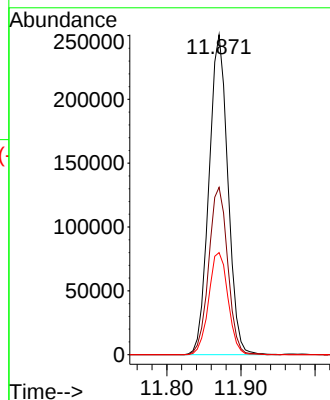
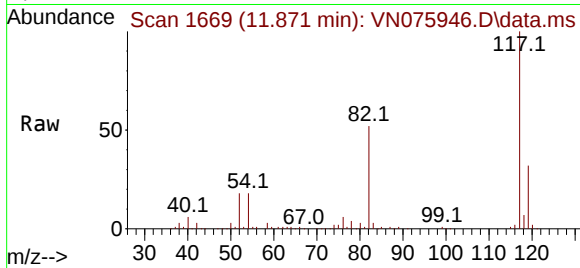




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

Tgt Ion:117 Resp: 443571
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 31.9 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: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion:152 Resp: 183432
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 158.6 0.0 347.0

