

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076238.D
 Acq On : 13 Jan 2023 10:52
 Operator : JC\MD
 Sample : VN0113WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBL01

Quant Time: Jan 16 01:03:28 2023
 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	406857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	660871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	229869	51.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.860%	
35) Dibromofluoromethane	8.177	113	201291	49.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.360%	
50) Toluene-d8	10.571	98	755510	49.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.853	95	233424	46.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	

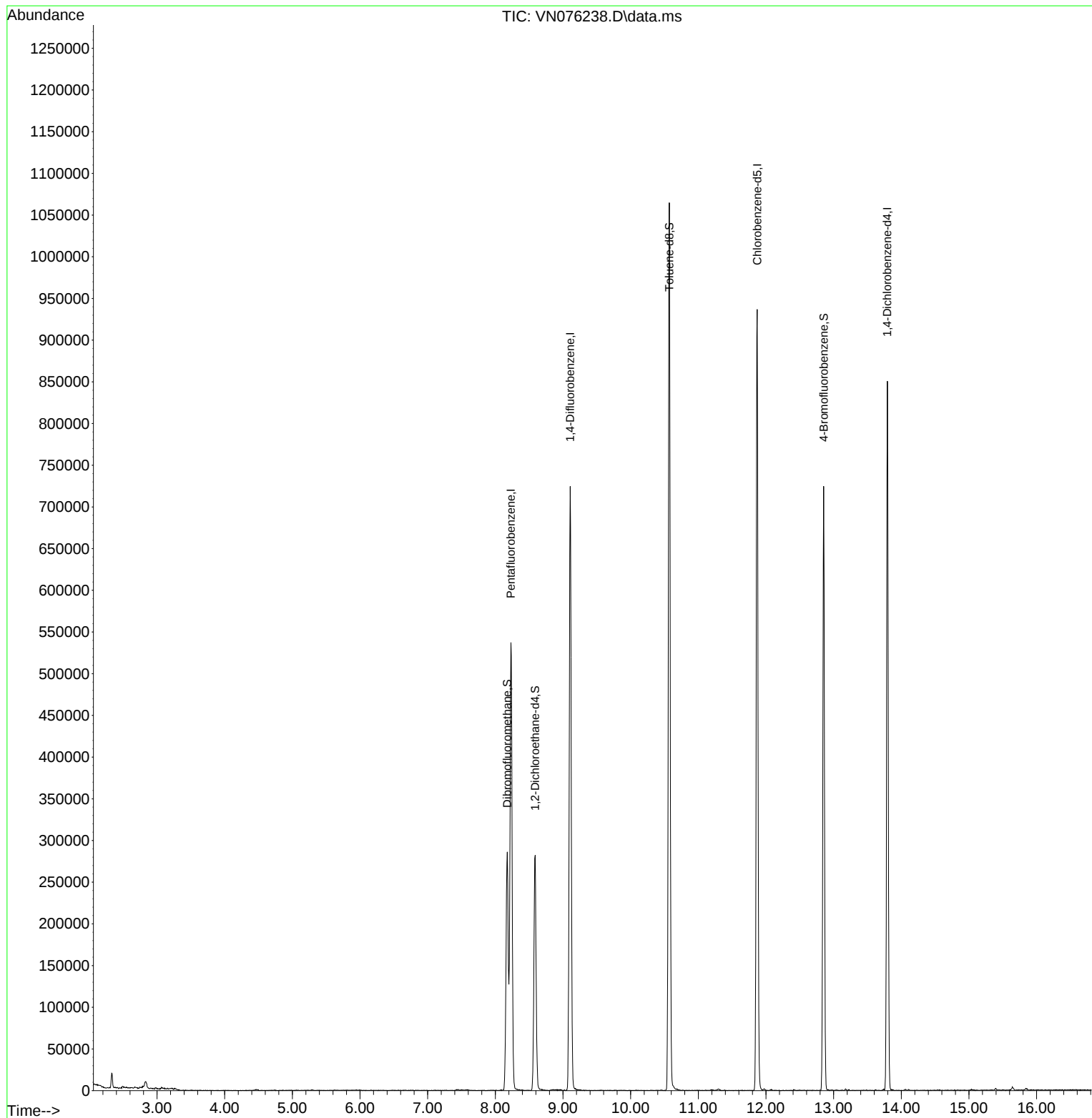
Target Compounds	Qvalue

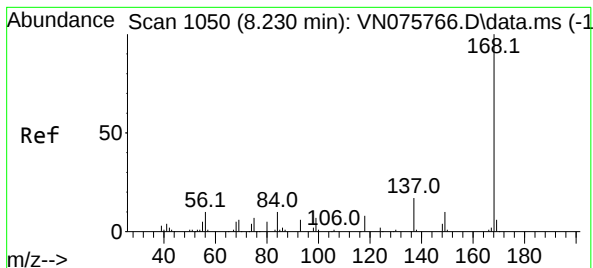
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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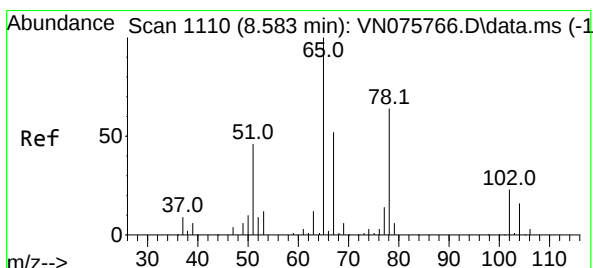
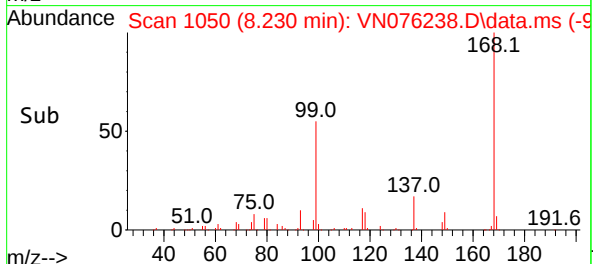
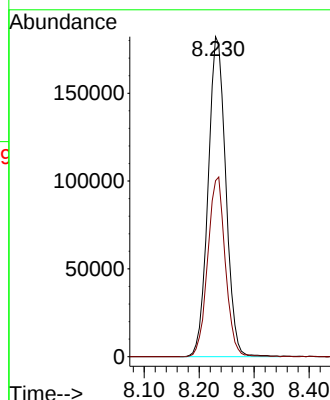
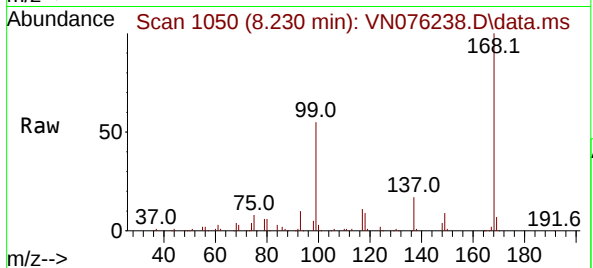




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

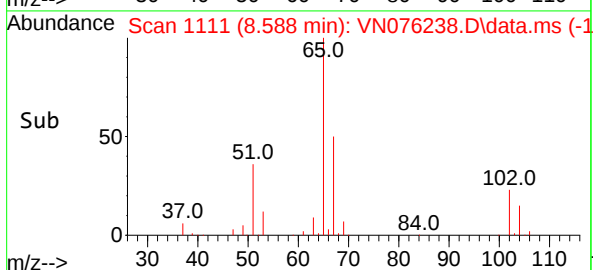
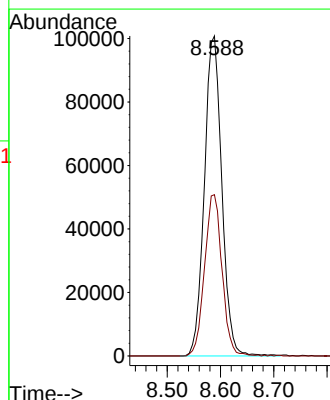
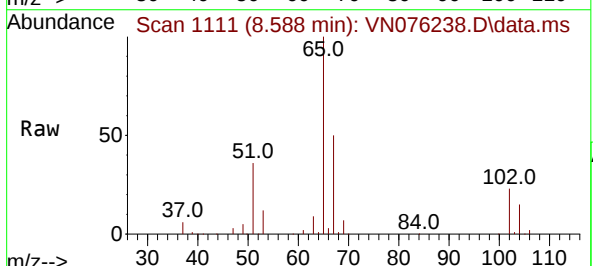
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

Tgt Ion:168 Resp: 406857
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion: 65 Resp: 229869
Ion Ratio Lower Upper
65 100
67 50.4 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: VN076238.D

Acq: 13 Jan 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBL01

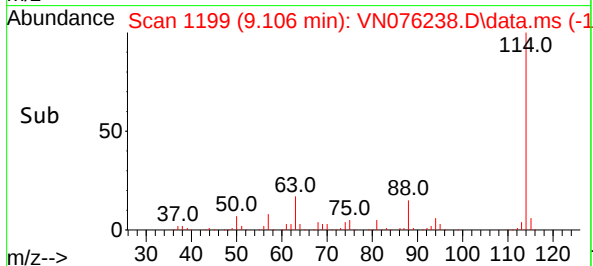
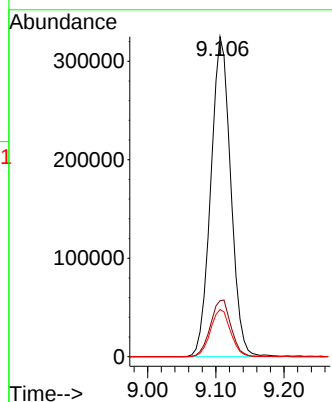
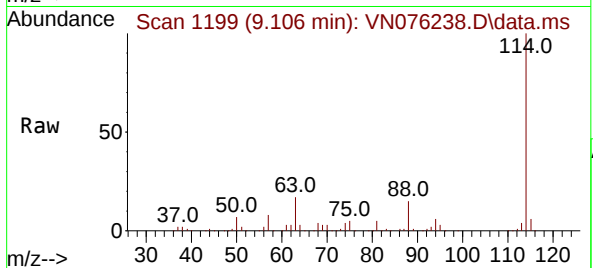
Tgt Ion:114 Resp: 660871

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076238.D

Acq: 13 Jan 2023 10:52

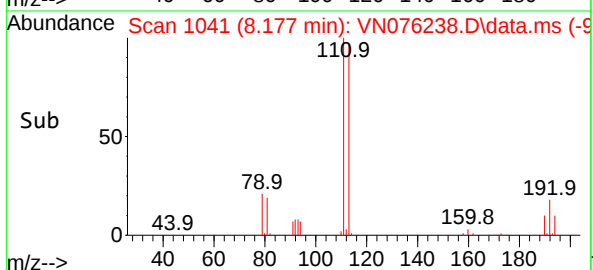
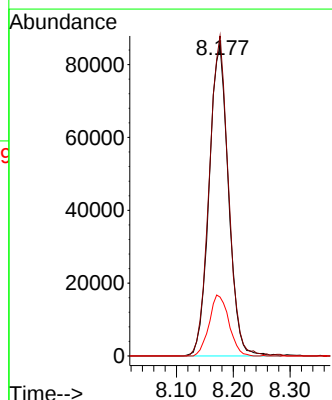
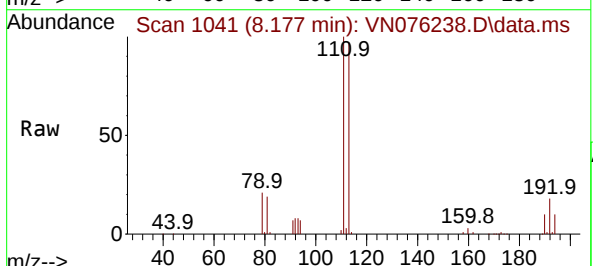
Tgt Ion:113 Resp: 201291

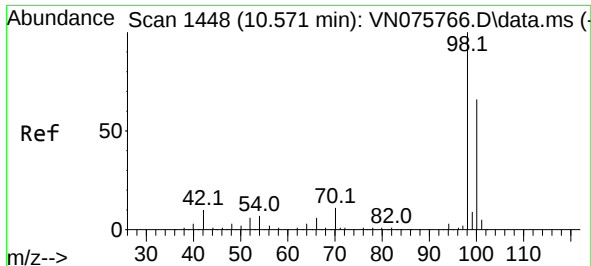
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 20.0 16.1 24.1

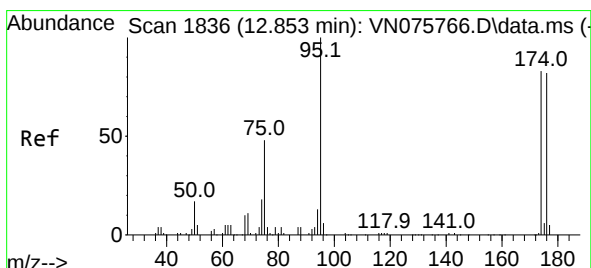
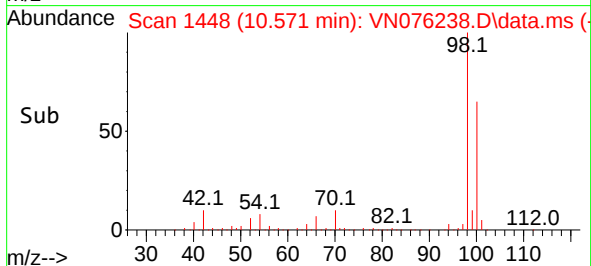
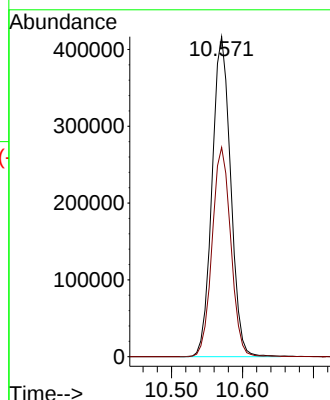
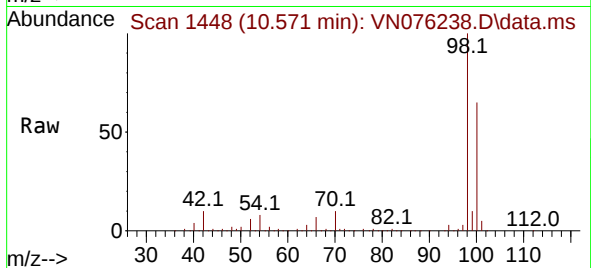




#50
Toluene-d8
Concen: 49.373 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

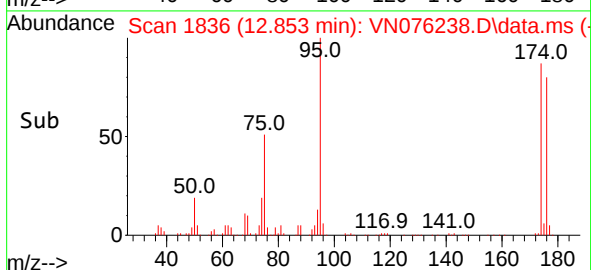
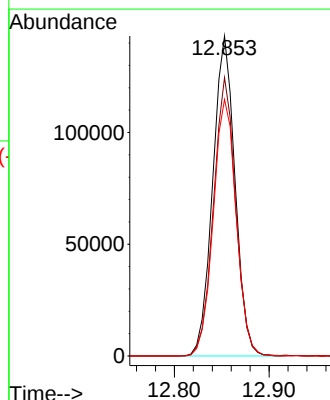
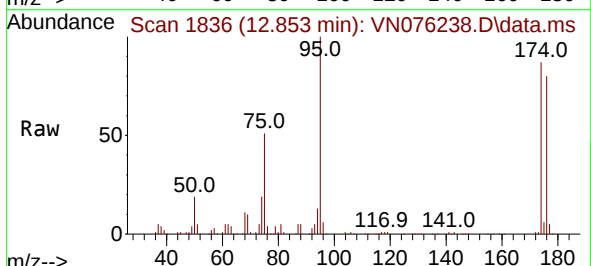
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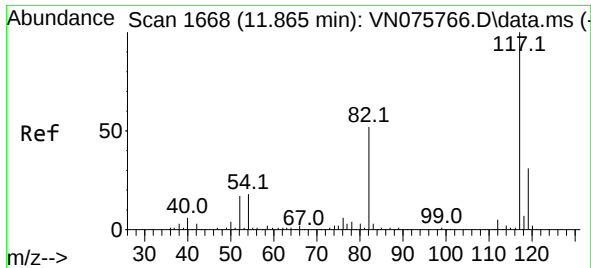
Tgt Ion: 98 Resp: 755510
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.057 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion: 95 Resp: 233424
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.6 0.0 169.2

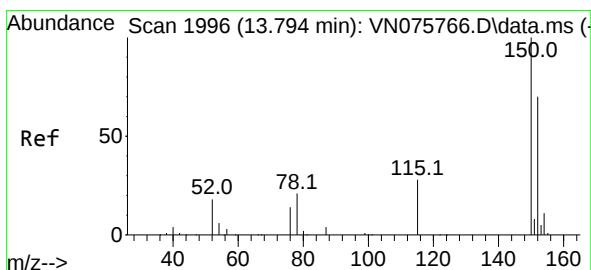
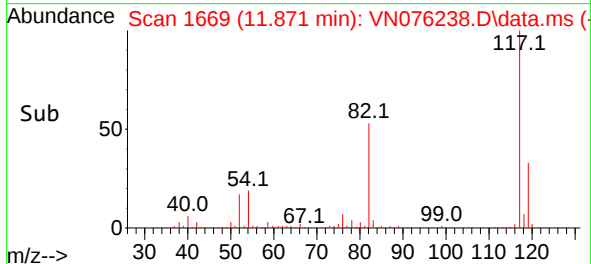
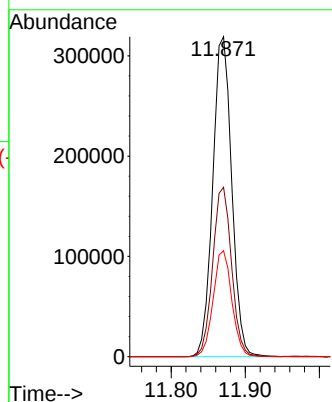
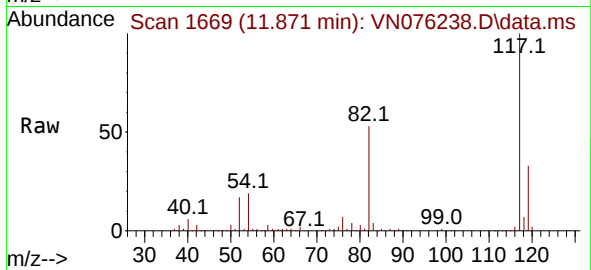




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

Tgt Ion:117 Resp: 567681
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 33.1 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: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion:152 Resp: 233276
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 156.2 0.0 347.0

