

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075109.D
 Acq On : 02 Nov 2022 11:52
 Operator : JC\MD
 Sample : VN1102MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102MBL01

Quant Time: Nov 03 04:13:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	187355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	155342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	76692	57.727	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.460%
35) Dibromofluoromethane	8.177	113	58222	52.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.880%
50) Toluene-d8	10.571	98	222317	52.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.853	95	64653	43.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.260%

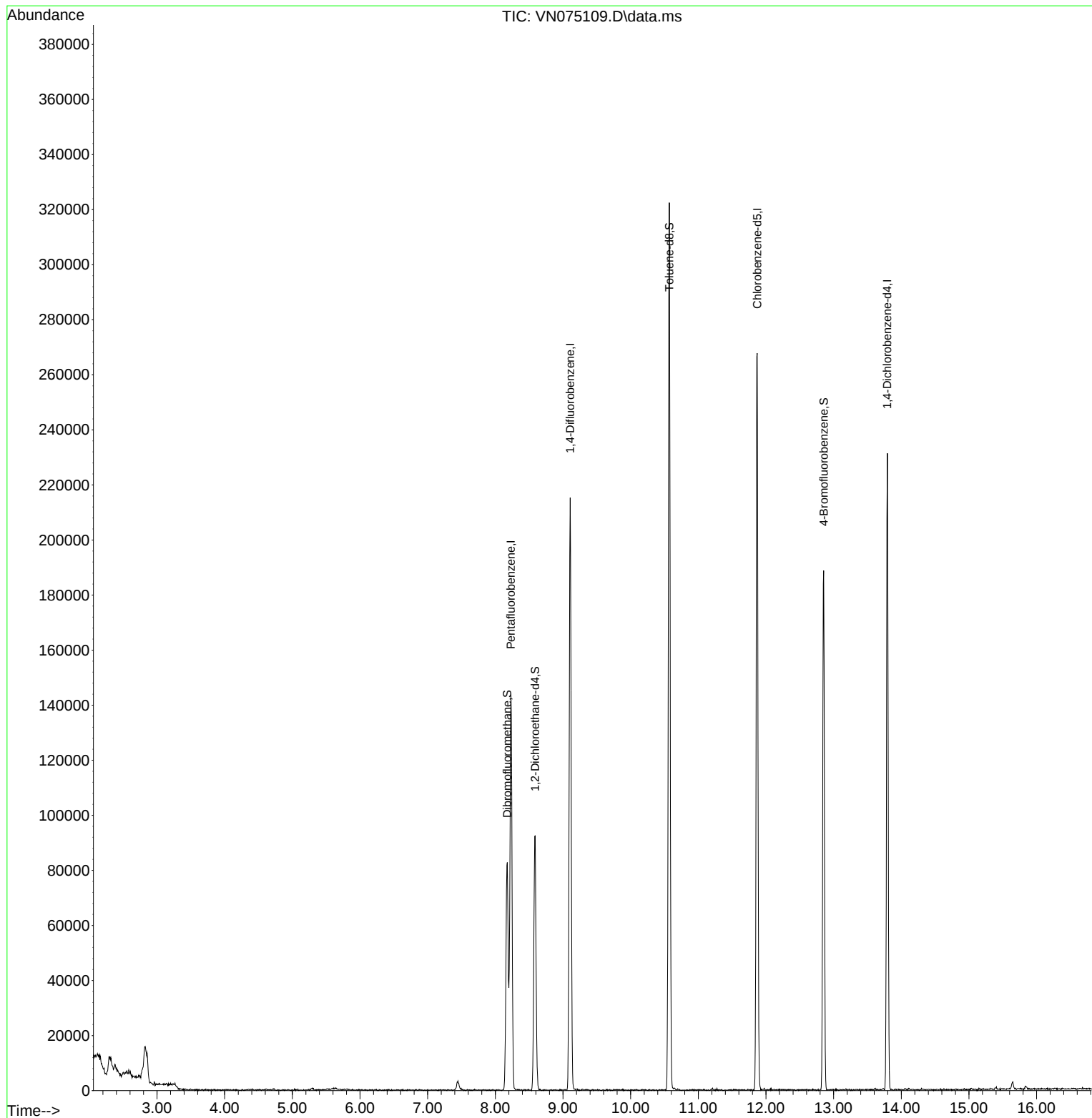
Target Compounds	Qvalue

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

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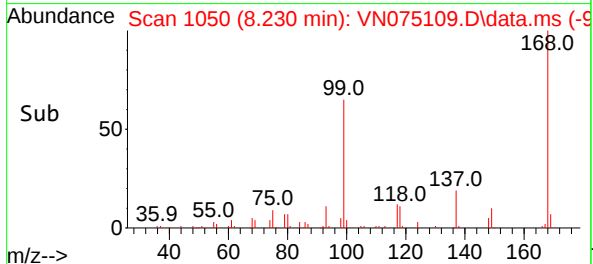
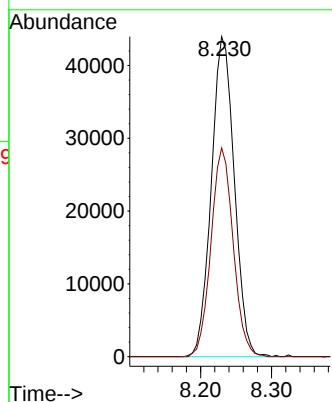
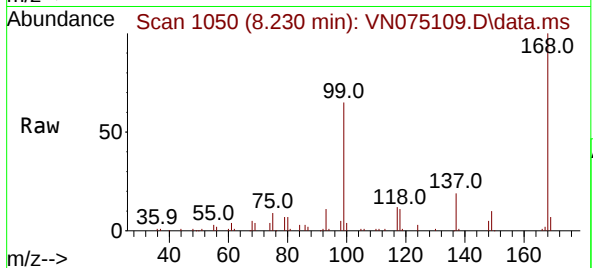




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

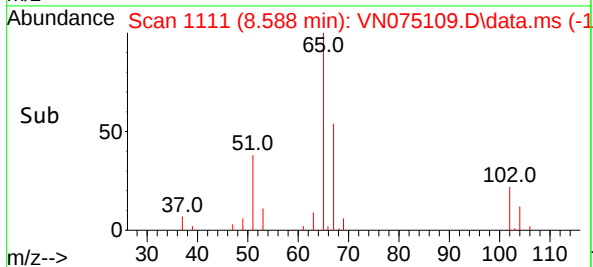
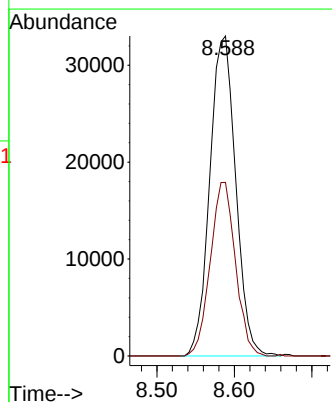
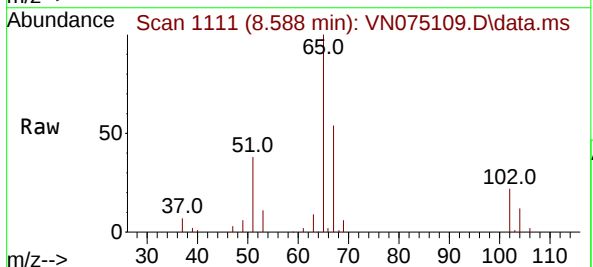
Instrument :
MSVOA_N
ClientSampleId :
VN1102MBL01

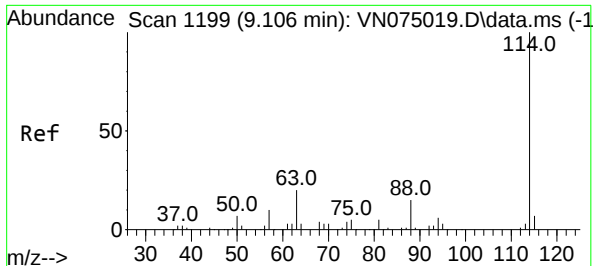
Tgt Ion:168 Resp: 98601
Ion Ratio Lower Upper
168 100
99 65.3 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 57.727 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

Tgt Ion: 65 Resp: 76692
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075109.D

Acq: 02 Nov 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN1102MBL01

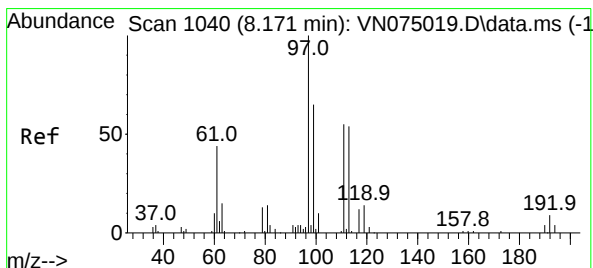
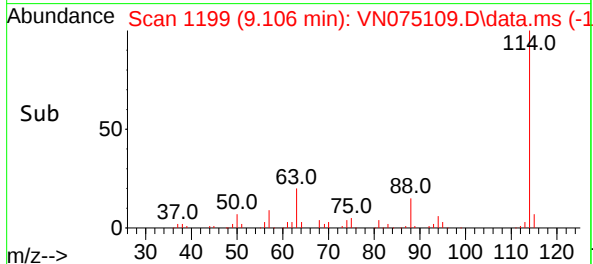
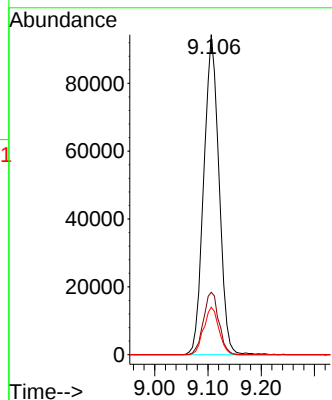
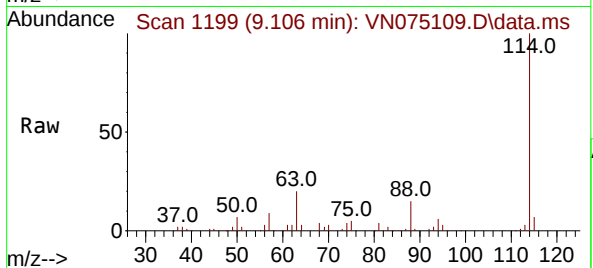
Tgt Ion:114 Resp: 187355

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.935 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075109.D

Acq: 02 Nov 2022 11:52

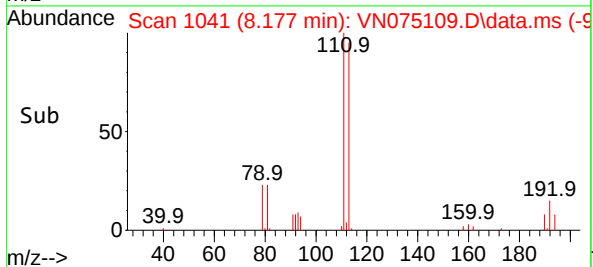
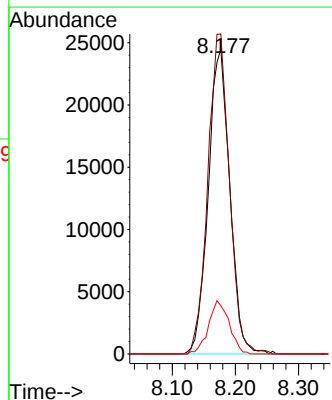
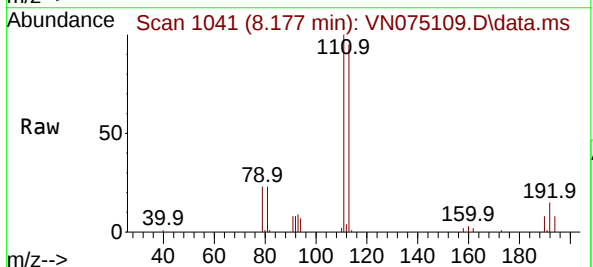
Tgt Ion:113 Resp: 58222

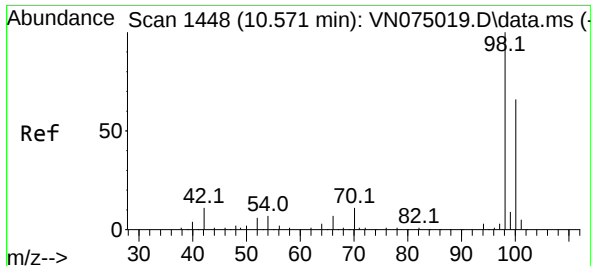
Ion Ratio Lower Upper

113 100

111 105.0 80.5 120.7

192 16.8 13.2 19.8

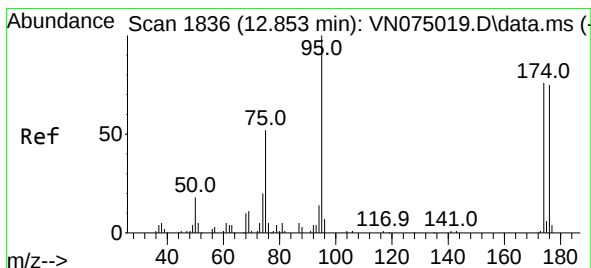
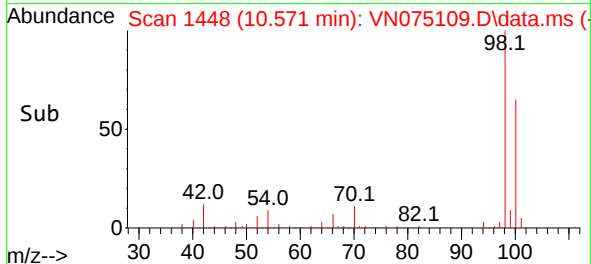
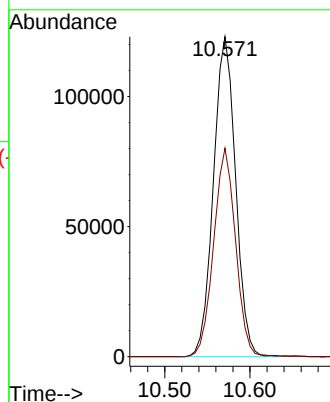
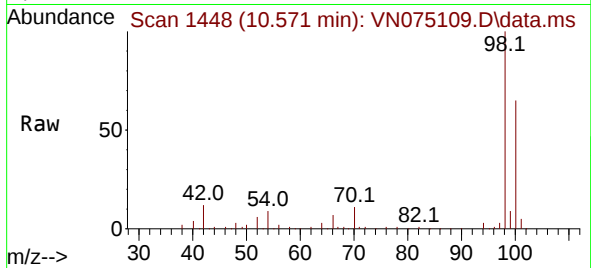




#50
Toluene-d8
Concen: 52.099 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

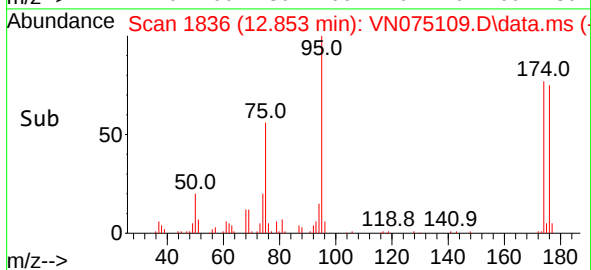
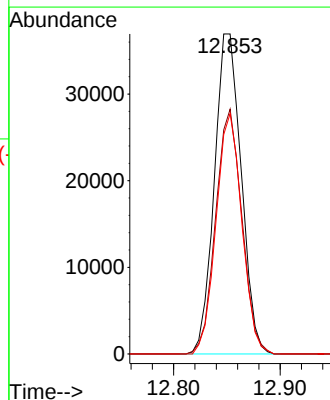
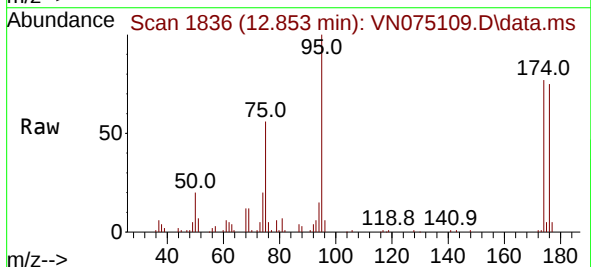
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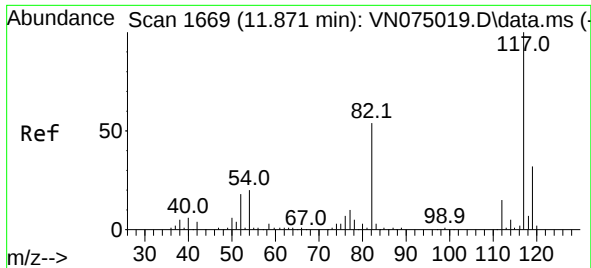
Tgt Ion: 98 Resp: 222317
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.131 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

Tgt Ion: 95 Resp: 64653
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 71.9 0.0 142.2

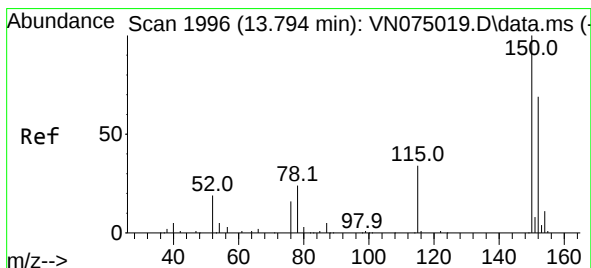
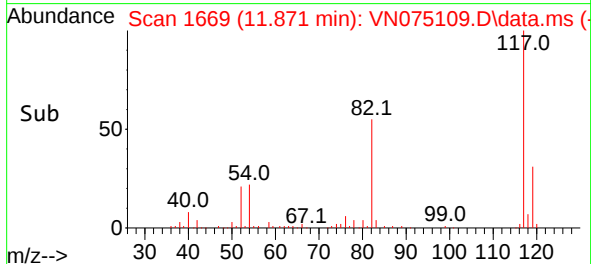
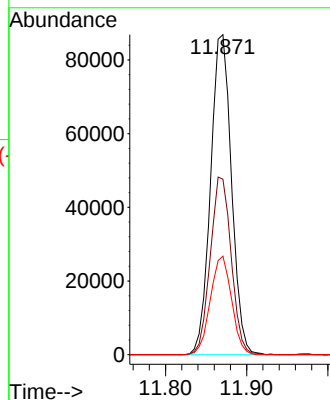
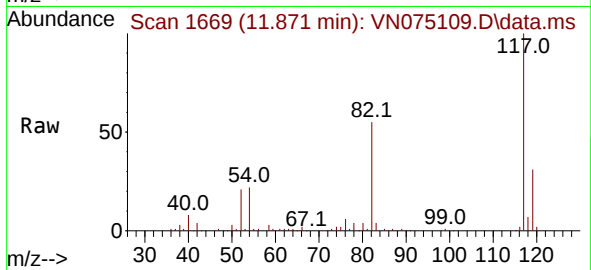




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN1102MBL01

Tgt Ion:117 Resp: 155342
Ion Ratio Lower Upper
117 100
82 54.9 43.1 64.7
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075109.D
Acq: 02 Nov 2022 11:52

Tgt Ion:152 Resp: 57704
Ion Ratio Lower Upper
152 100
115 63.7 30.2 90.6
150 162.5 0.0 348.4

