

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075110.D
 Acq On : 02 Nov 2022 12:16
 Operator : JC\MD
 Sample : VN1102WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01

Quant Time: Nov 03 04:14:04 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	92430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	152636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	56978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76323	61.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.560%	
35) Dibromofluoromethane	8.171	113	57230	54.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.960%	
50) Toluene-d8	10.571	98	213961	52.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	12.853	95	64163	45.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.460%	

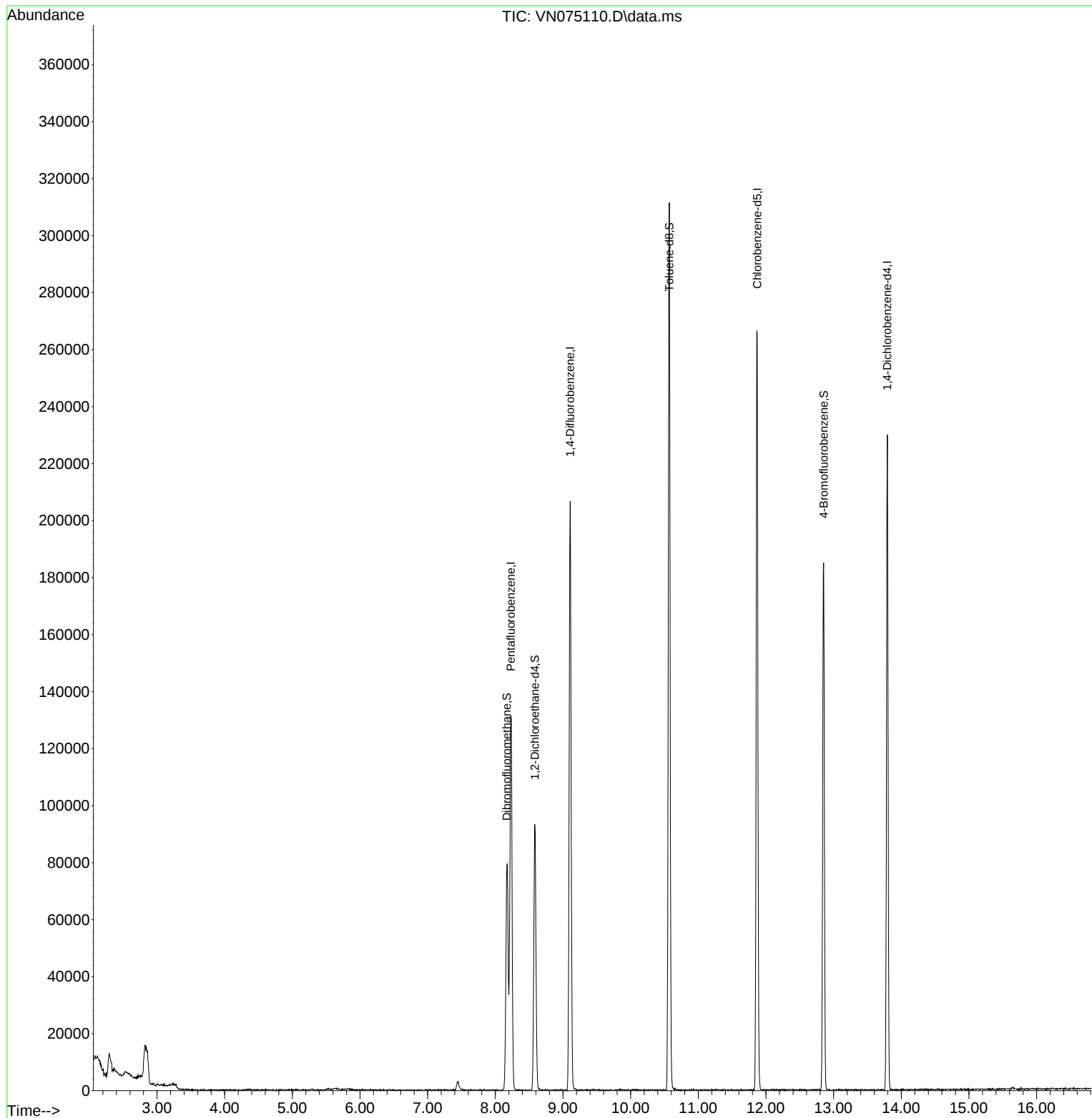
Target Compounds	Qvalue

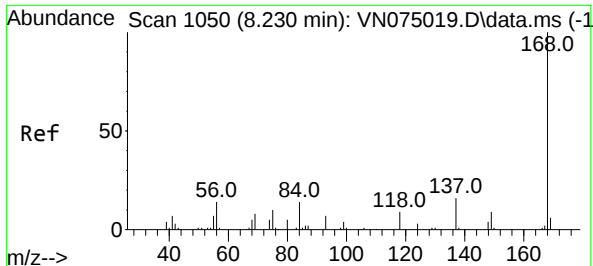
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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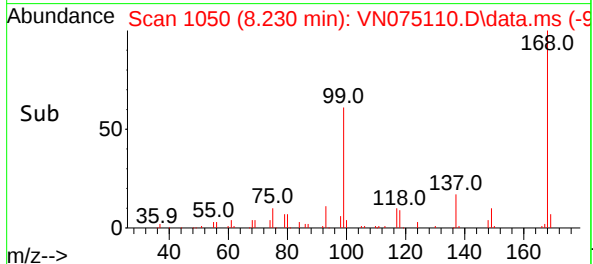
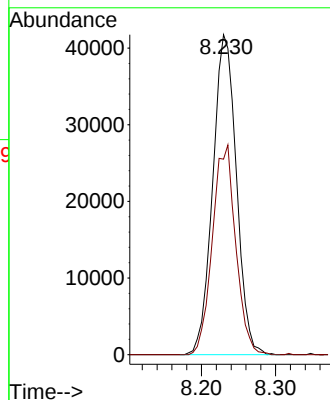
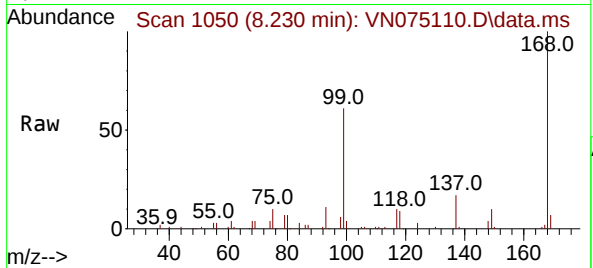




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

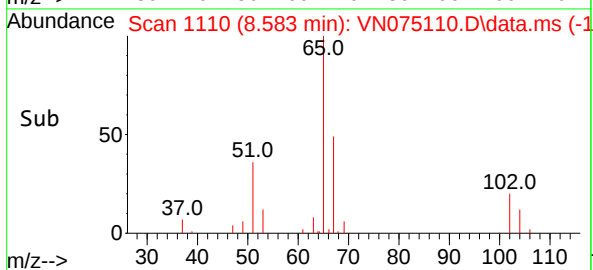
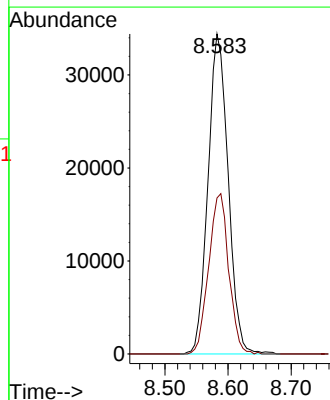
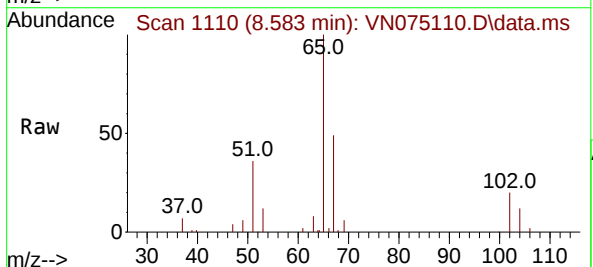
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

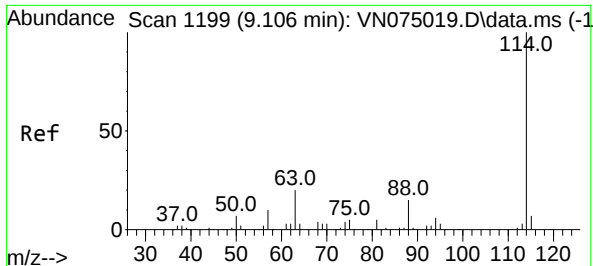
Tgt Ion:168 Resp: 92430
Ion Ratio Lower Upper
168 100
99 61.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 61.285 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 65 Resp: 76323
Ion Ratio Lower Upper
65 100
67 49.8 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: VN075110.D

Acq: 02 Nov 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBL01

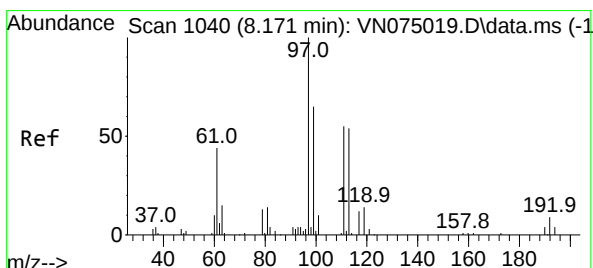
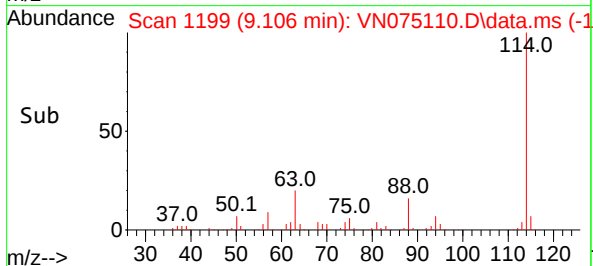
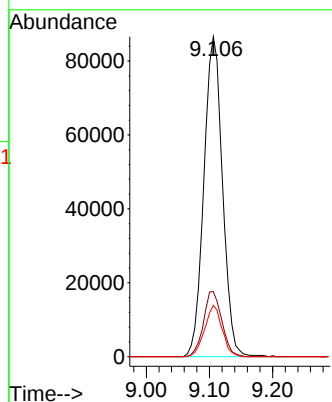
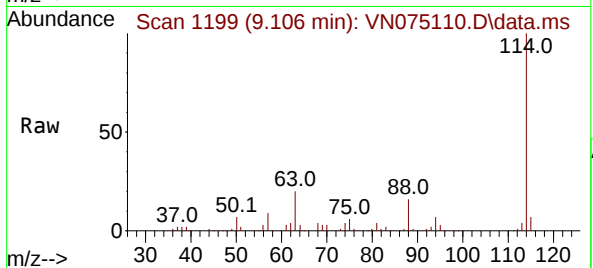
Tgt Ion:114 Resp: 177311

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.981 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075110.D

Acq: 02 Nov 2022 12:16

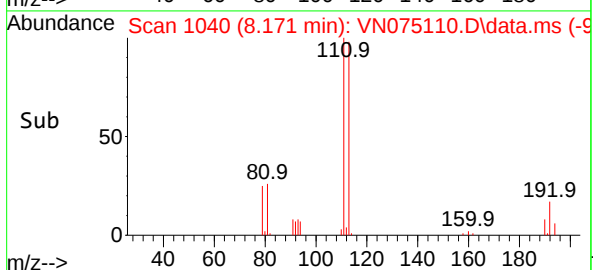
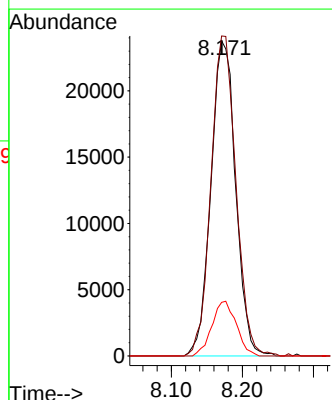
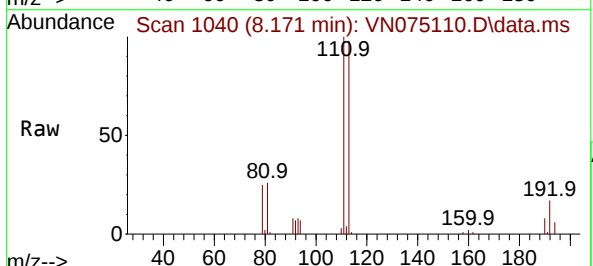
Tgt Ion:113 Resp: 57230

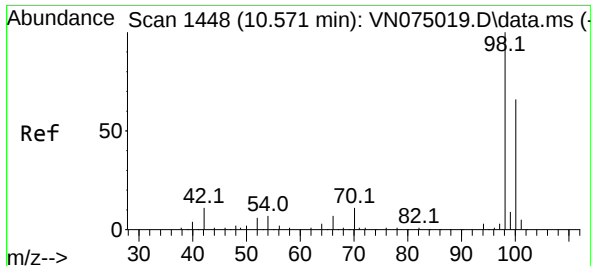
Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 17.2 13.2 19.8

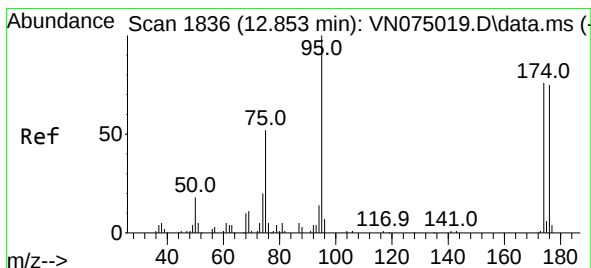
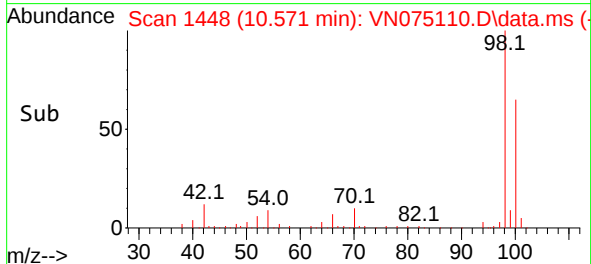
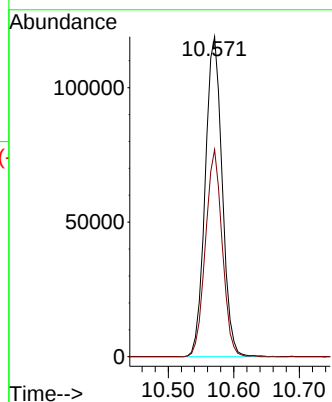
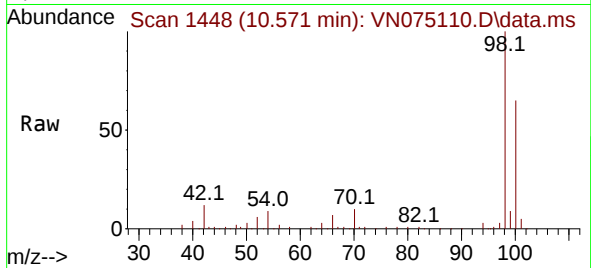




#50
Toluene-d8
Concen: 52.981 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

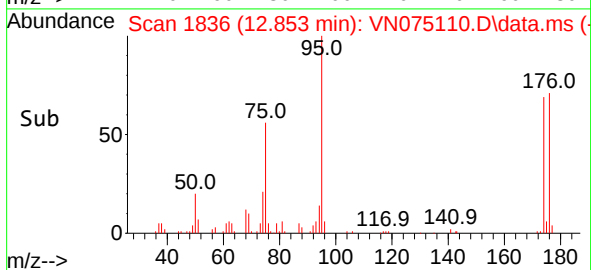
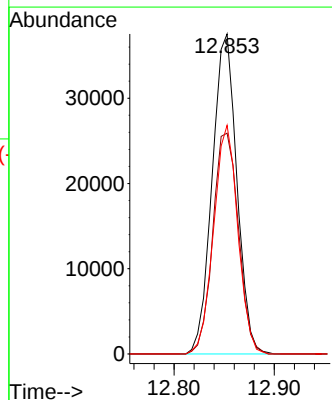
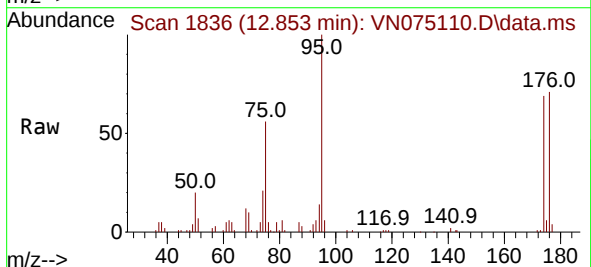
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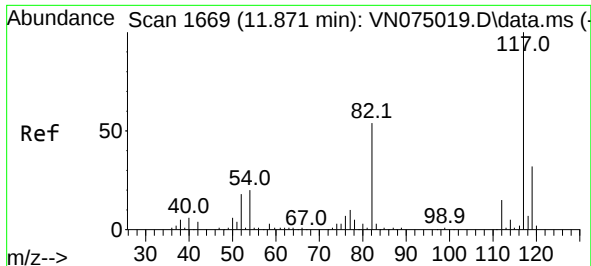
Tgt Ion: 98 Resp: 213961
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 95 Resp: 64163
Ion Ratio Lower Upper
95 100
174 71.7 0.0 147.4
176 70.1 0.0 142.2

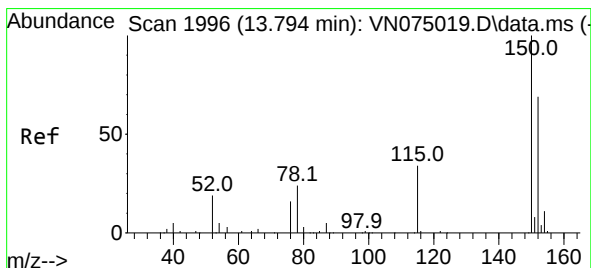
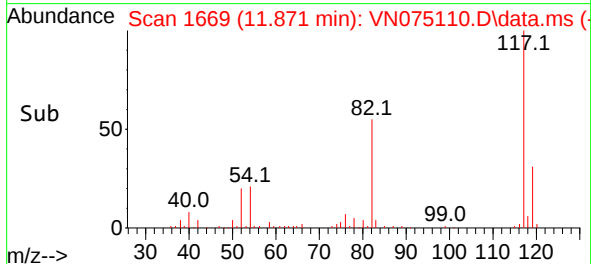
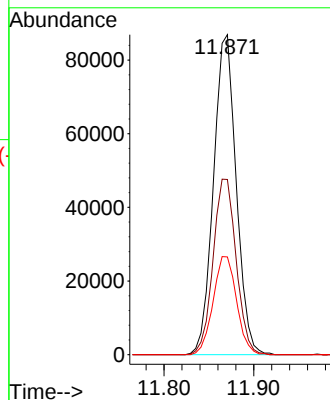
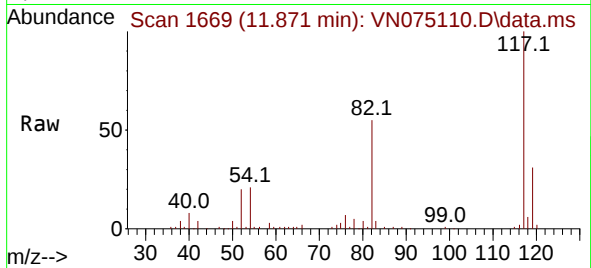




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

Tgt Ion:117 Resp: 152636
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.6 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: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion:152 Resp: 56978
Ion Ratio Lower Upper
152 100
115 63.6 30.2 90.6
150 158.7 0.0 348.4

