

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075105.D
 Acq On : 01 Nov 2022 18:22
 Operator : JC\MD
 Sample : N5417-08 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1905

Quant Time: Nov 02 07:12:42 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	8.229	168	111028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	191019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	87474	58.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.940%
35) Dibromofluoromethane	8.171	113	65925	51.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	10.571	98	257333	52.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.853	95	83042	47.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%

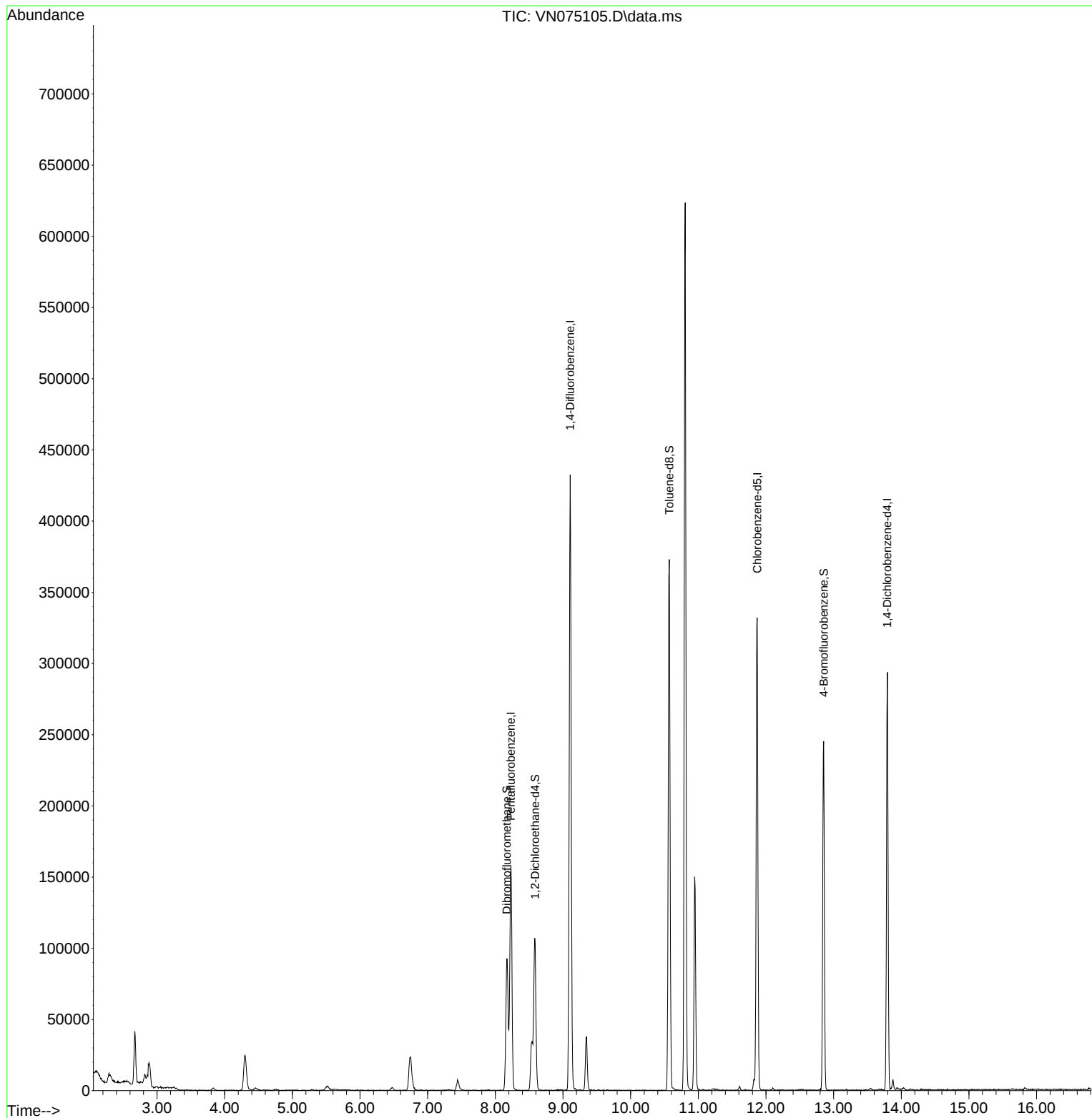
Target Compounds	Qvalue

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

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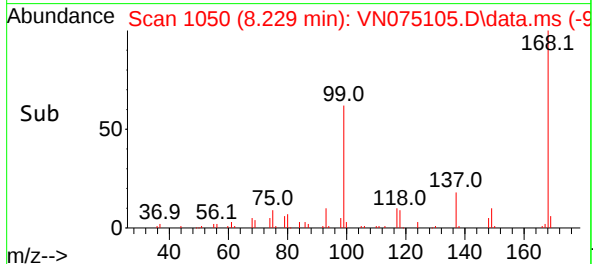
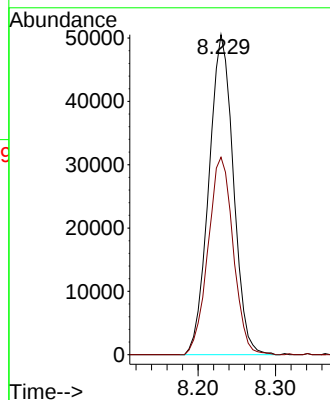
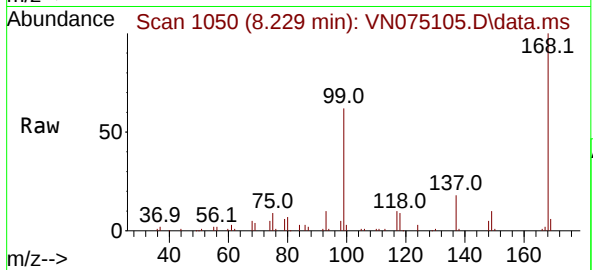




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11028
Delta R.T. -0.001 min
Lab File: VN075105.D
Acq: 01 Nov 2022 18:22

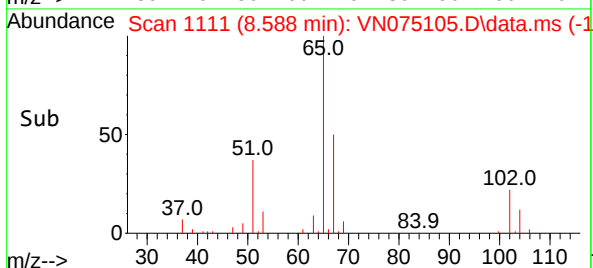
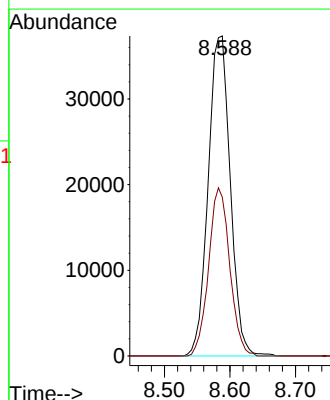
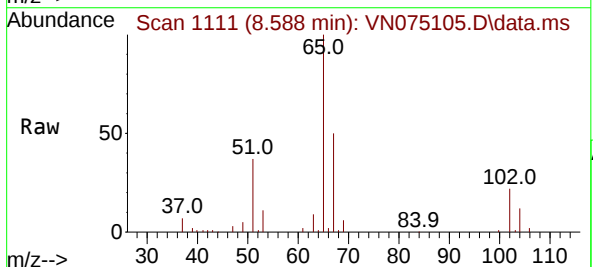
Instrument :
MSVOA_N
ClientSampleId :
AUD-1905

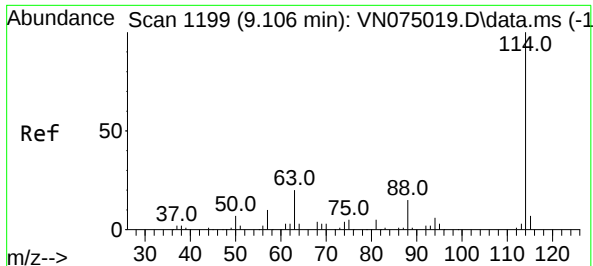
Tgt Ion:168 Resp: 111028
Ion Ratio Lower Upper
168 100
99 61.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 58.473 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075105.D
Acq: 01 Nov 2022 18:22

Tgt Ion: 65 Resp: 87474
Ion Ratio Lower Upper
65 100
67 50.2 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: VN075105.D

Acq: 01 Nov 2022 18:22

Instrument :

MSVOA_N

ClientSampleId :

AUD-1905

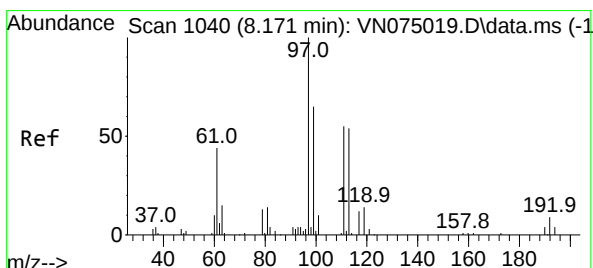
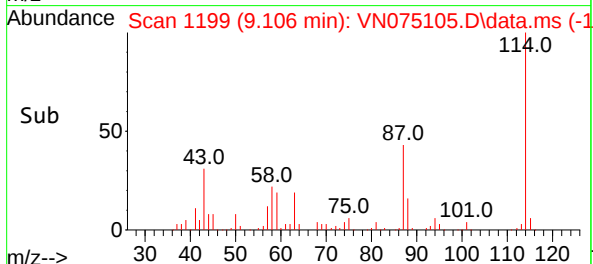
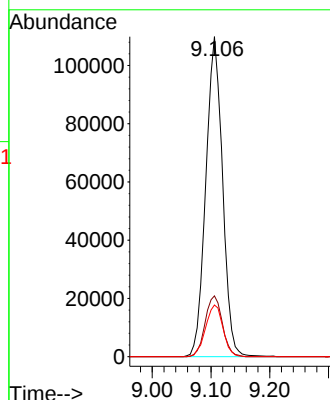
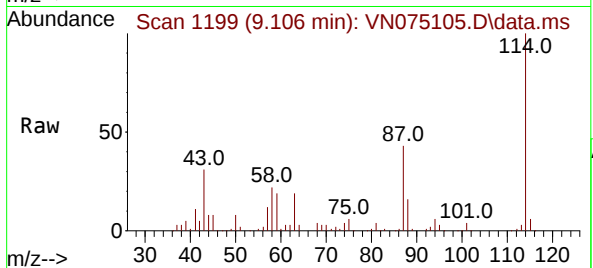
Tgt Ion:114 Resp: 216840

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.789 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075105.D

Acq: 01 Nov 2022 18:22

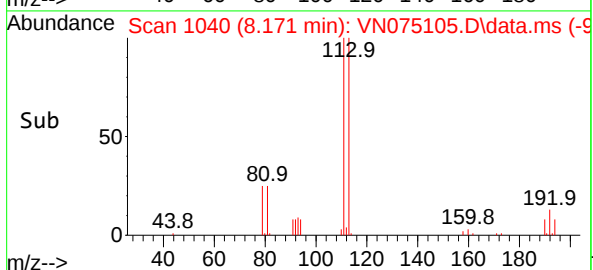
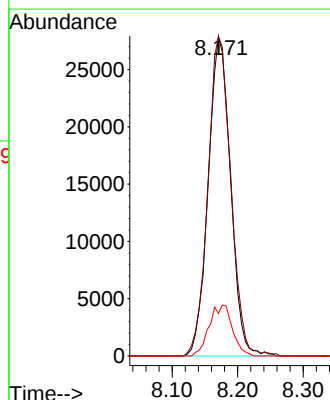
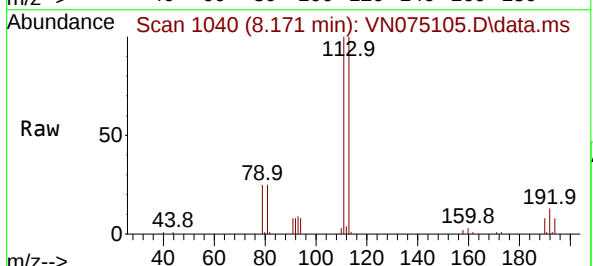
Tgt Ion:113 Resp: 65925

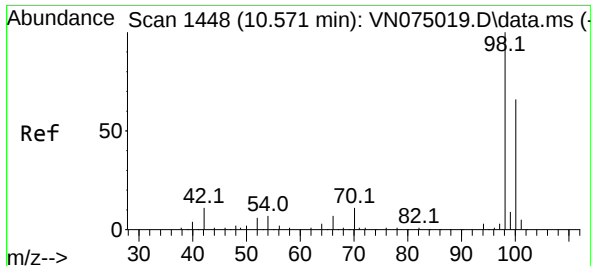
Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 16.6 13.2 19.8

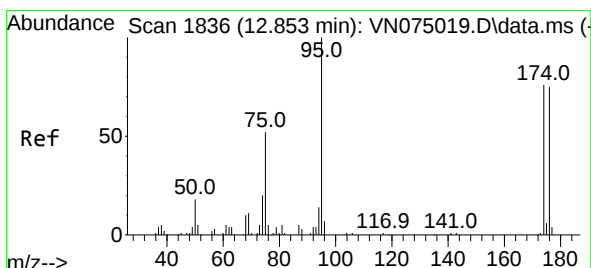
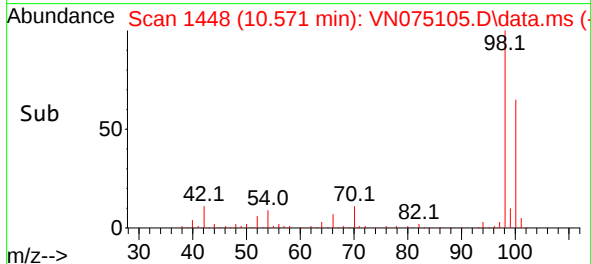
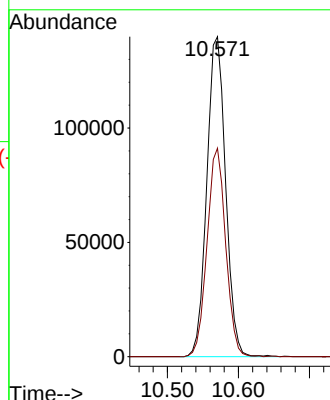
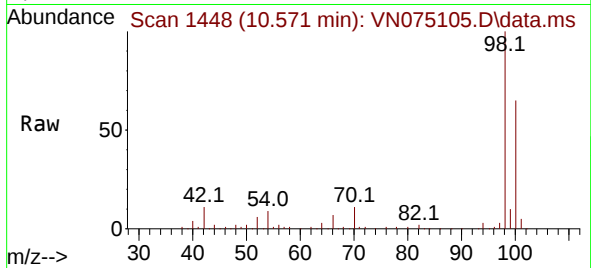




#50
Toluene-d8
Concen: 52.105 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075105.D
Acq: 01 Nov 2022 18:22

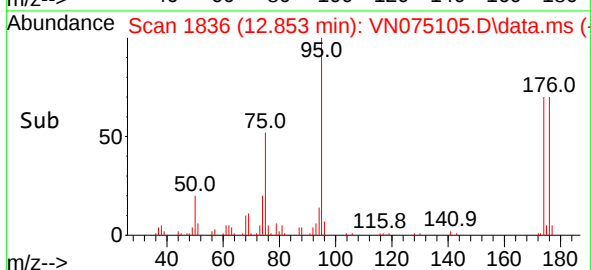
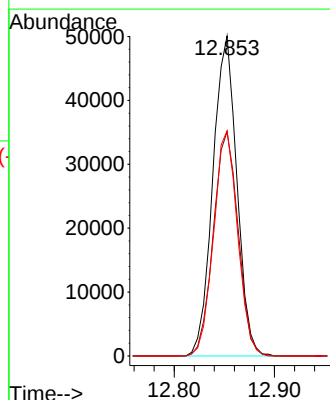
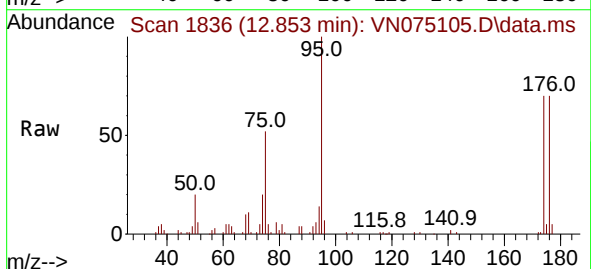
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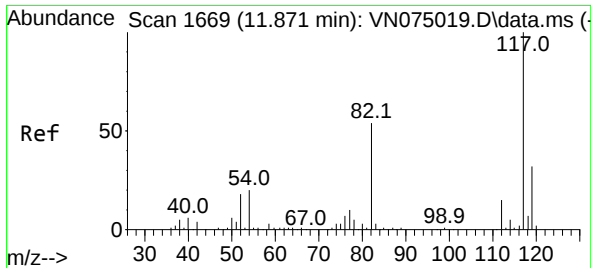
Tgt Ion: 98 Resp: 257333
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.866 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075105.D
Acq: 01 Nov 2022 18:22

Tgt Ion: 95 Resp: 83042
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 70.4 0.0 142.2

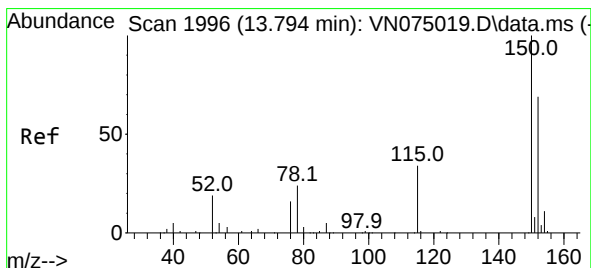
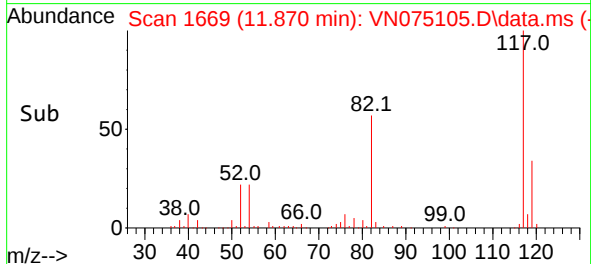
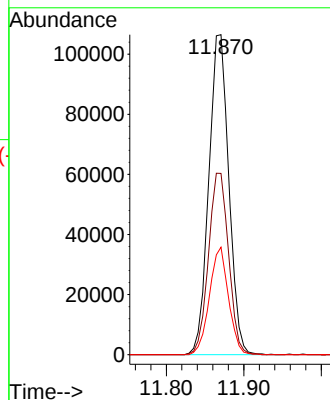
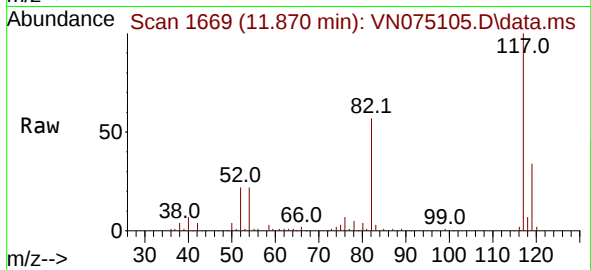




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075105.D
Acq: 01 Nov 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
AUD-1905

Tgt Ion:117 Resp: 191019
Ion Ratio Lower Upper
117 100
82 56.6 43.1 64.7
119 33.6 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: VN075105.D
Acq: 01 Nov 2022 18:22

Tgt Ion:152 Resp: 74400
Ion Ratio Lower Upper
152 100
115 61.4 30.2 90.6
150 157.9 0.0 348.4

