

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077886.D
 Acq On : 25 May 2023 06:59
 Operator : JC\MD
 Sample : 02852-14 10X
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823-FD

Quant Time: May 25 08:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	422584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	768489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	684579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287255	45.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.860%
35) Dibromofluoromethane	8.177	113	238176	47.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	10.571	98	953883	49.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.859	95	287702	42.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.460%

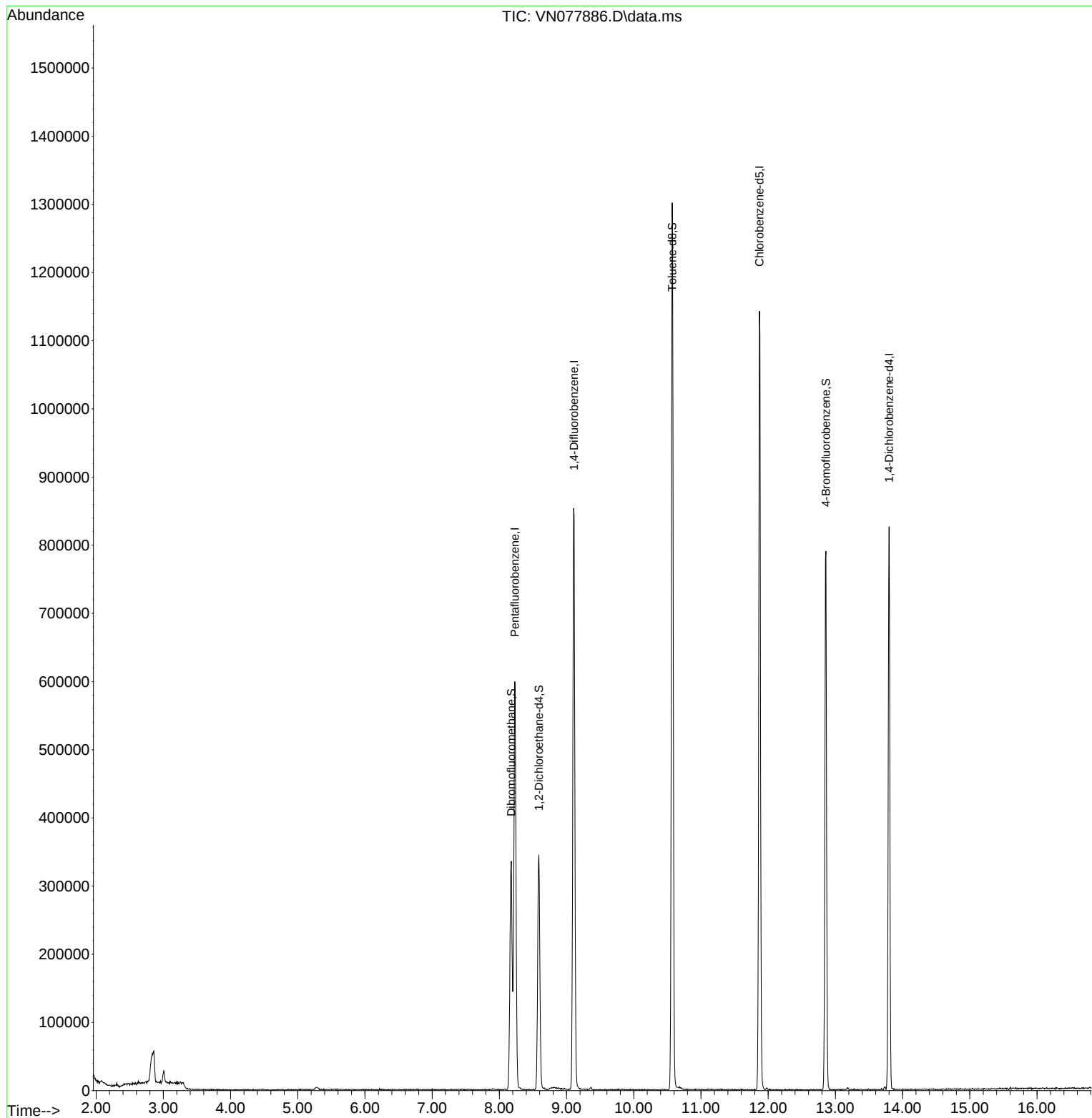
Target Compounds	Qvalue

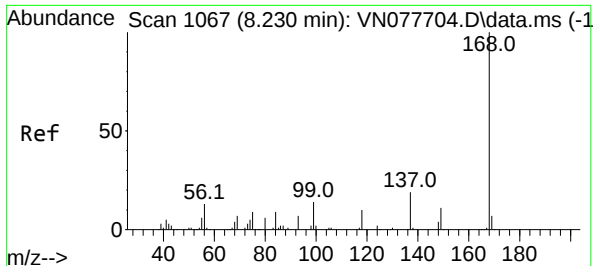
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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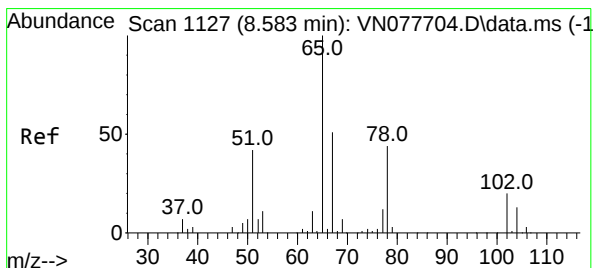
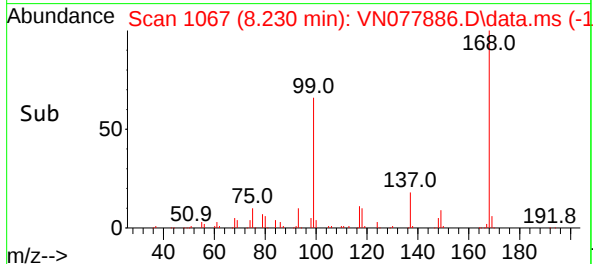
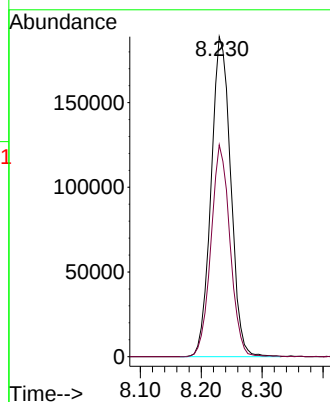
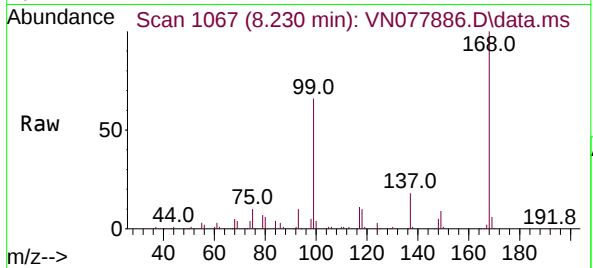




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

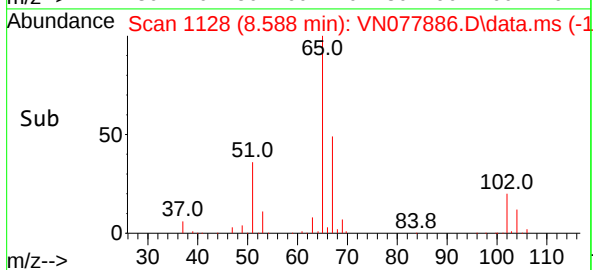
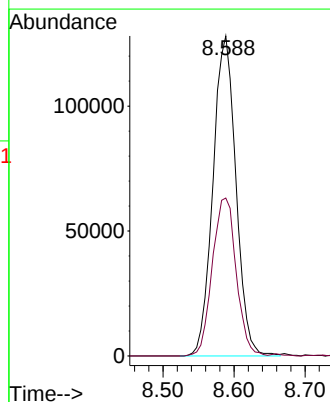
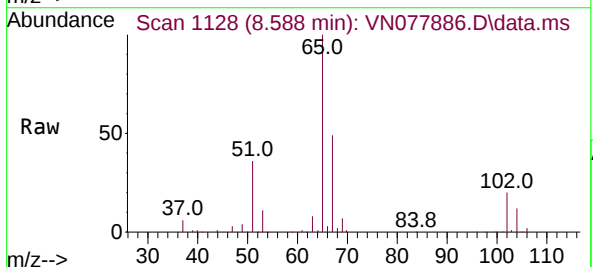
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823-FD

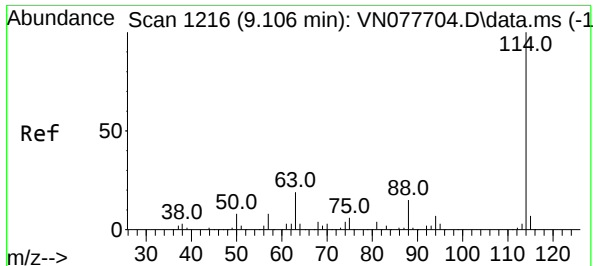
Tgt Ion:168 Resp: 422584
Ion Ratio Lower Upper
168 100
99 66.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.431 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

Tgt Ion: 65 Resp: 287255
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077886.D

Acq: 25 May 2023 06:59

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-62.5-051823-FD

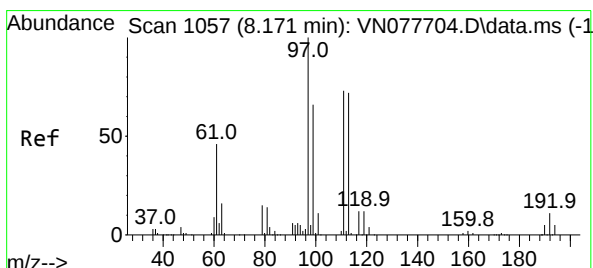
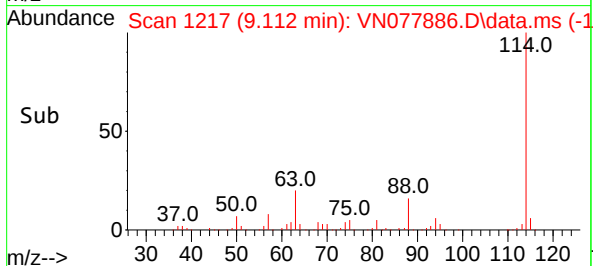
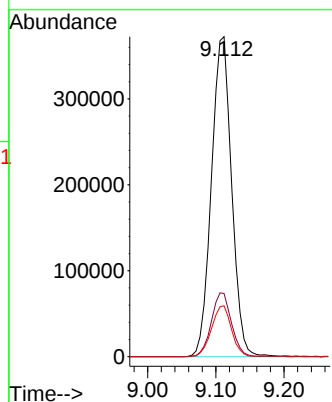
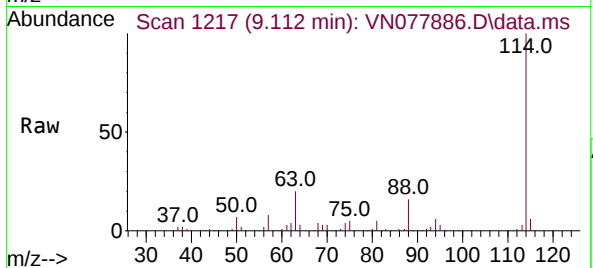
Tgt Ion:114 Resp: 768489

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.528 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077886.D

Acq: 25 May 2023 06:59

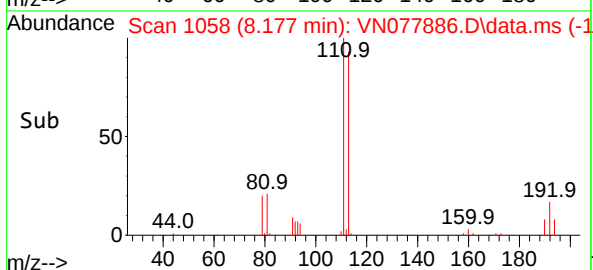
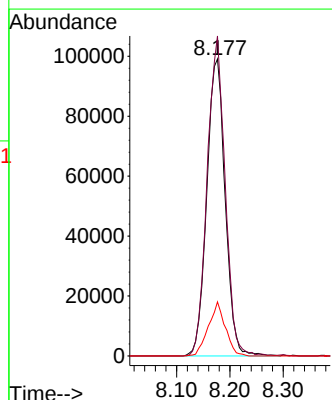
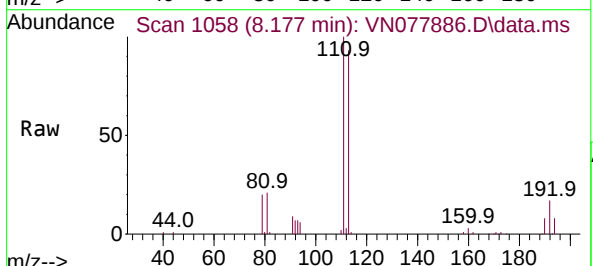
Tgt Ion:113 Resp: 238176

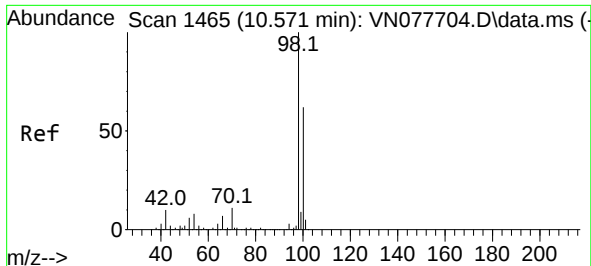
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 16.8 12.7 19.1

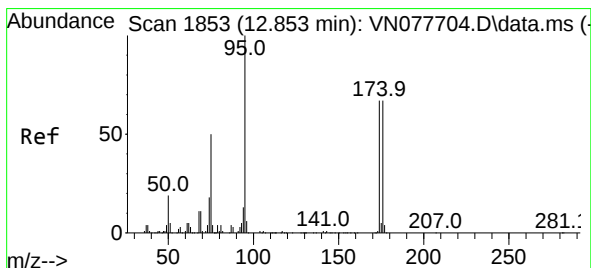
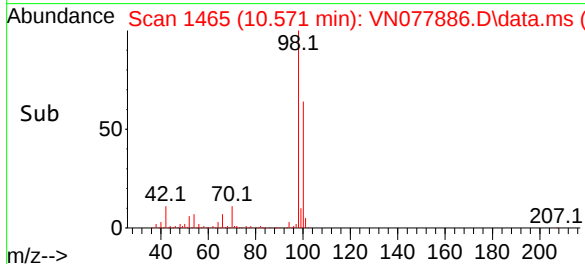
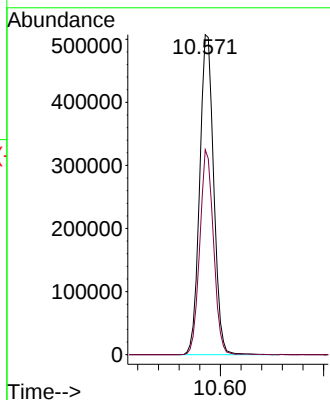
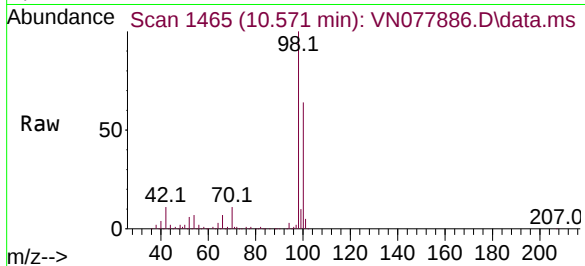




#50
Toluene-d8
Concen: 49.453 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

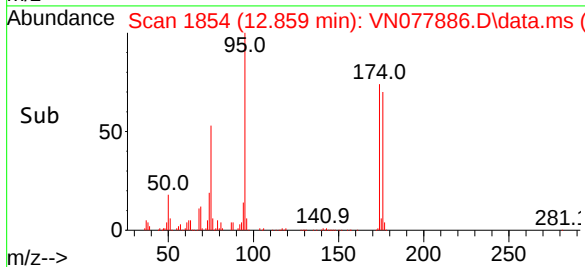
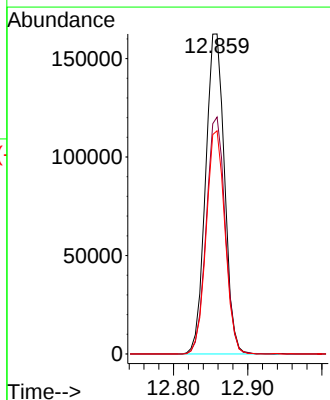
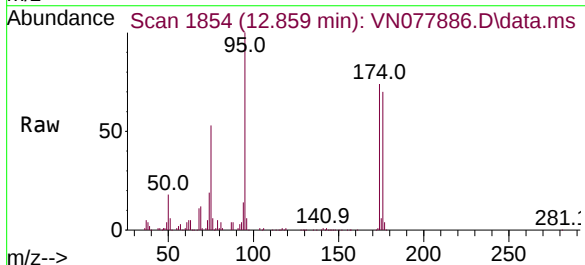
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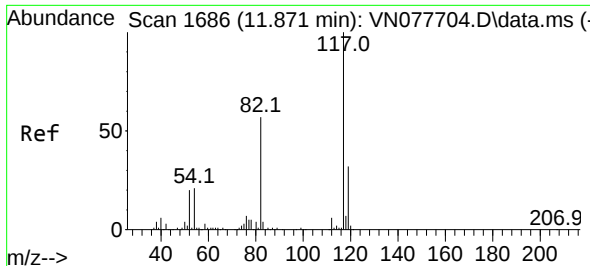
Tgt Ion: 98 Resp: 953883
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.232 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

Tgt Ion: 95 Resp: 287702
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 69.5 0.0 135.8

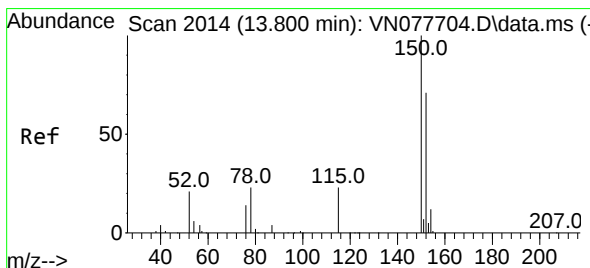
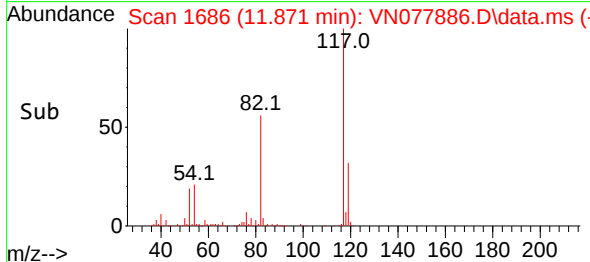
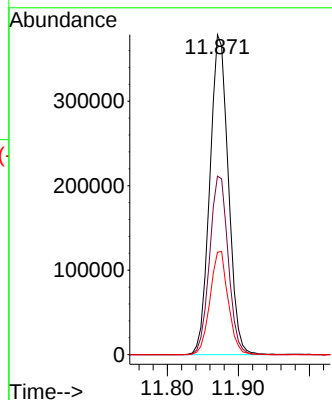
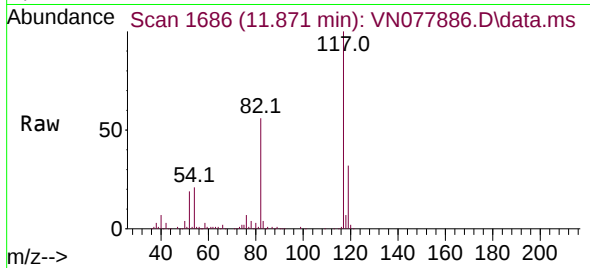




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823-FD

Tgt Ion:117 Resp: 684579
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077886.D
Acq: 25 May 2023 06:59

Tgt Ion:152 Resp: 221860
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 156.5 0.0 355.8

