

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078129.D
 Acq On : 08 Jun 2023 15:00
 Operator : JC\MD
 Sample : 03072-04 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30998

Quant Time: Jun 09 01:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	341416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	166362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236536	51.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.920%
35) Dibromofluoromethane	8.177	113	202777	50.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.571	98	778866	49.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	218207	45.055	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%

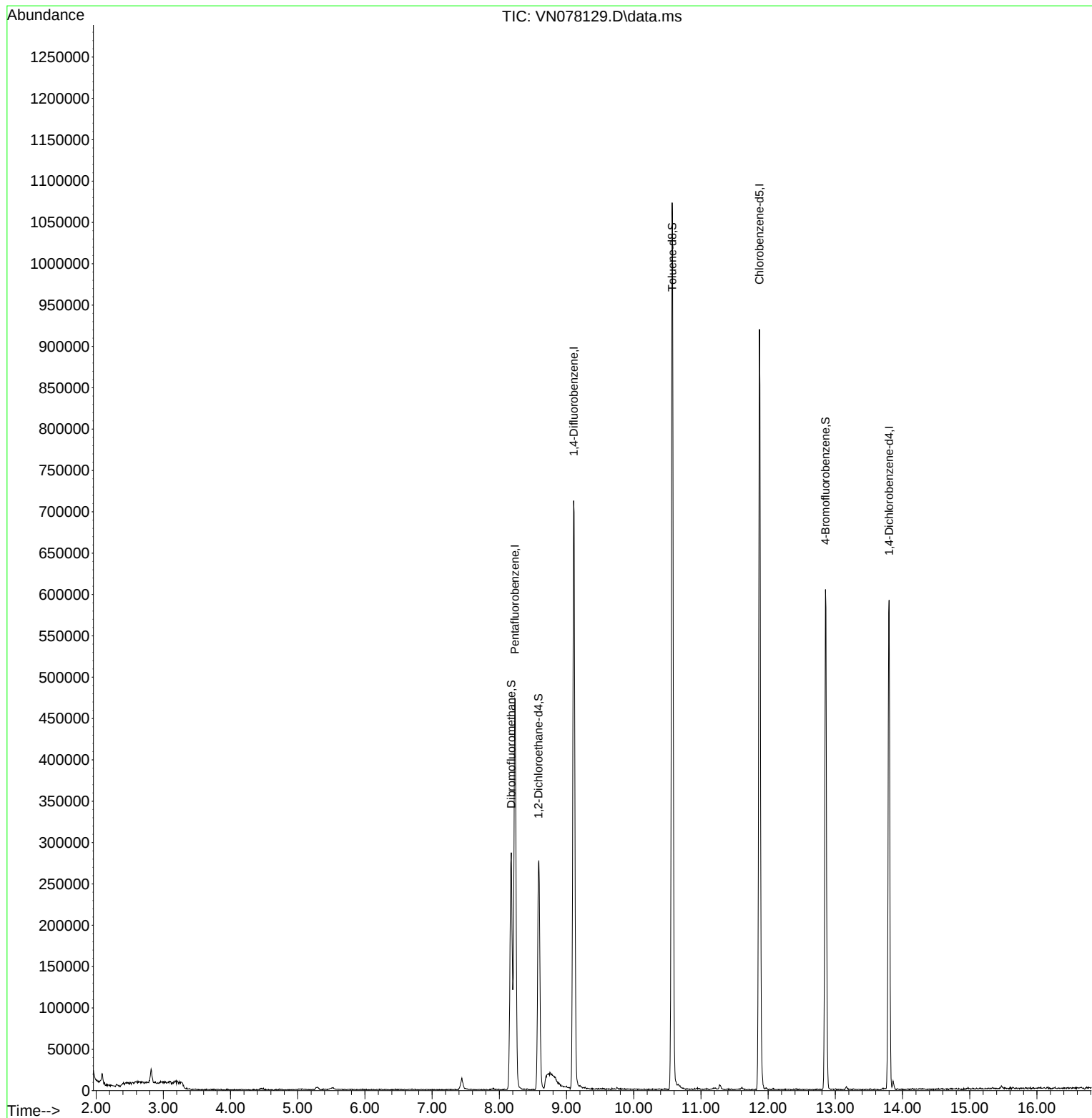
Target Compounds	Qvalue

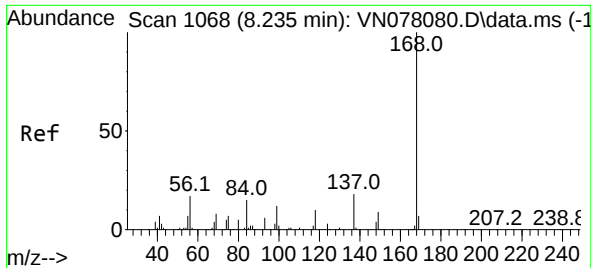
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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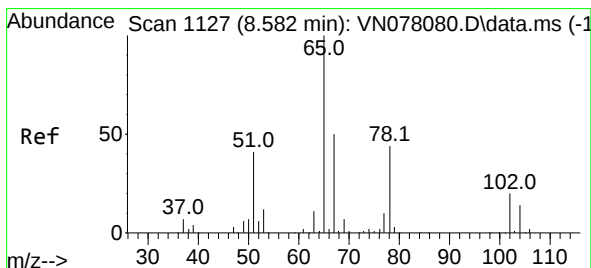
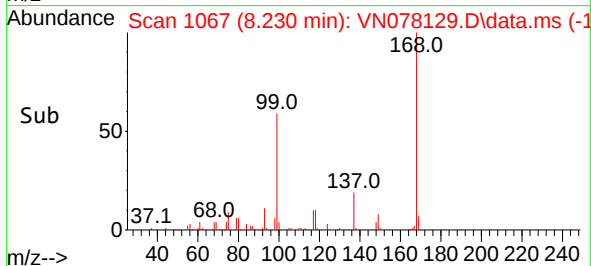
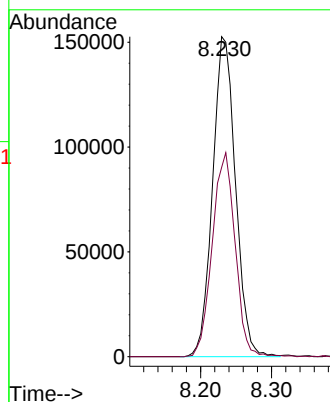
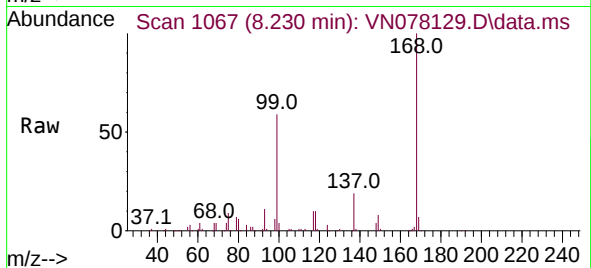




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VN078129.D
Acq: 08 Jun 2023 15:00

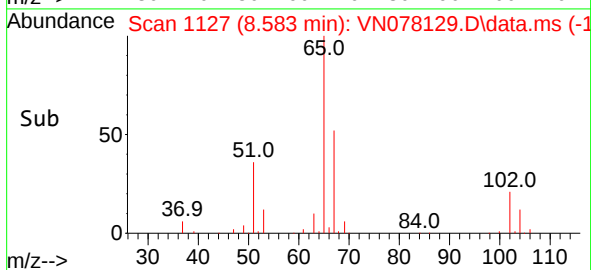
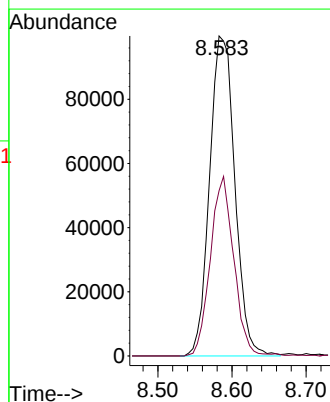
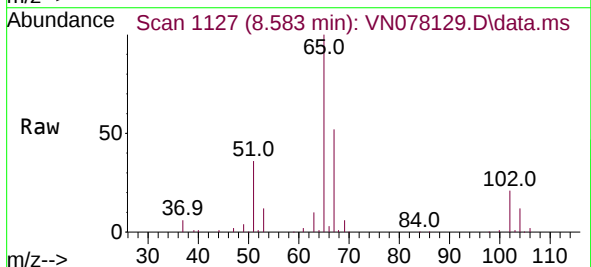
Instrument :
MSVOA_N
ClientSampleId :
30998

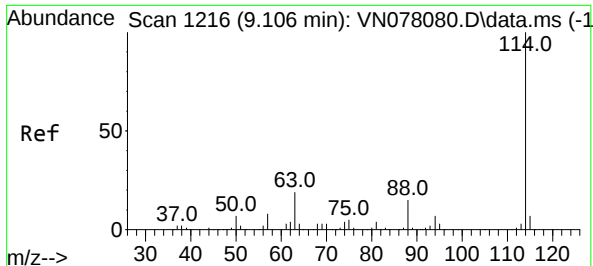
Tgt Ion:168 Resp: 341416
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.962 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078129.D
Acq: 08 Jun 2023 15:00

Tgt Ion: 65 Resp: 236536
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078129.D

Acq: 08 Jun 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

30998

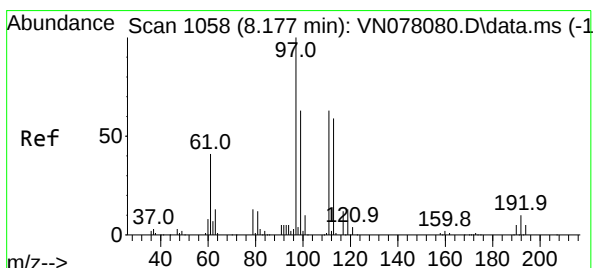
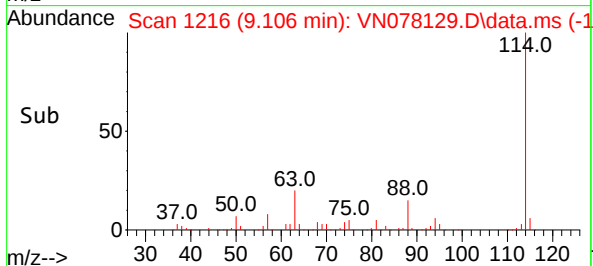
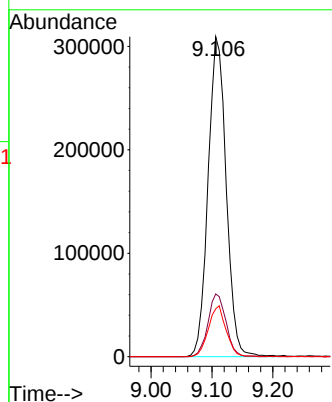
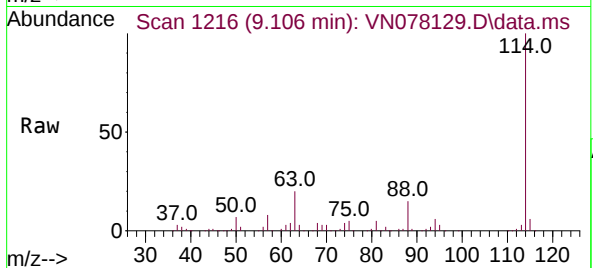
Tgt Ion:114 Resp: 639124

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.179 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078129.D

Acq: 08 Jun 2023 15:00

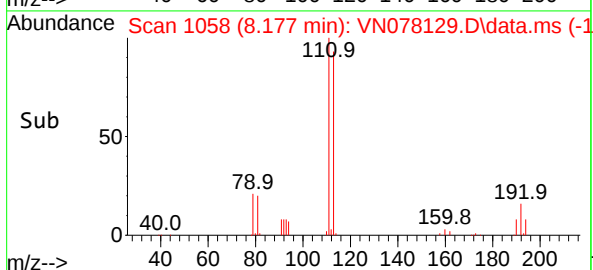
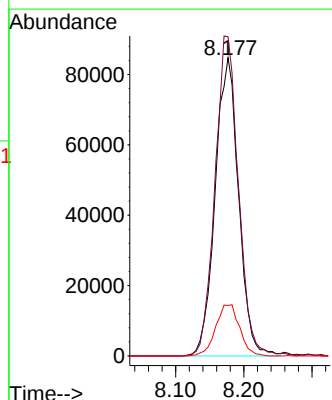
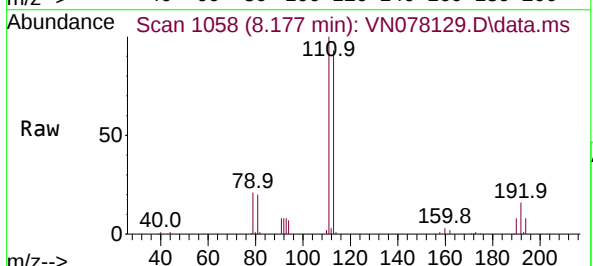
Tgt Ion:113 Resp: 202777

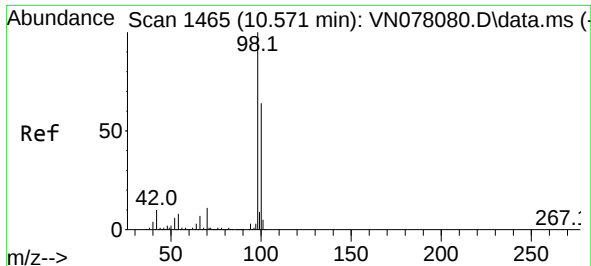
Ion Ratio Lower Upper

113 100

111 107.5 82.6 123.8

192 17.6 12.7 19.1

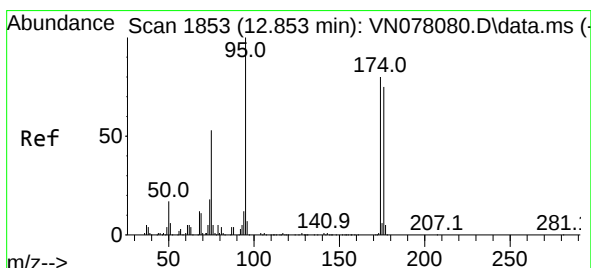
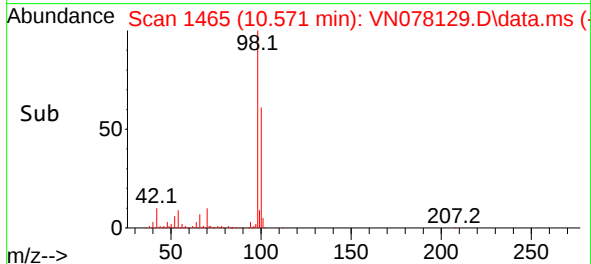
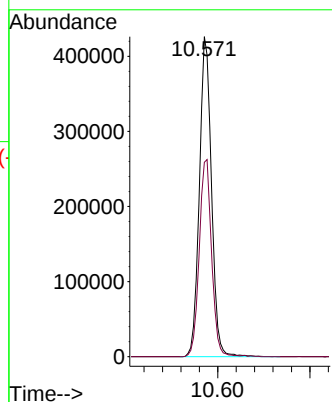
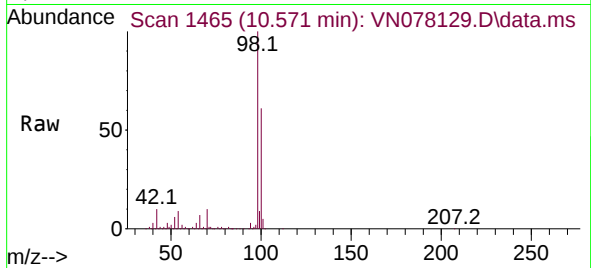




#50
Toluene-d8
Concen: 49.995 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078129.D
Acq: 08 Jun 2023 15:00

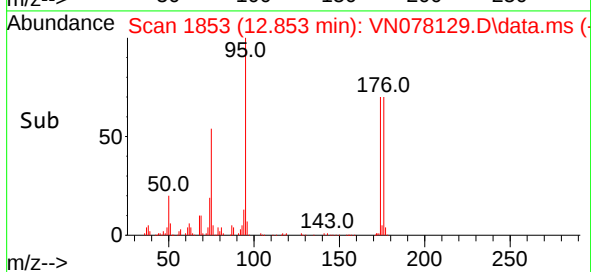
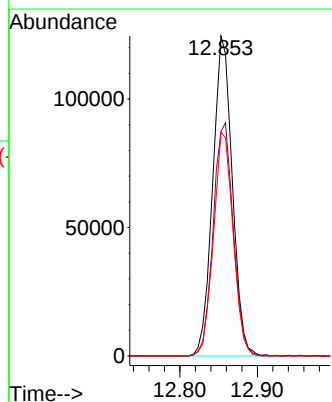
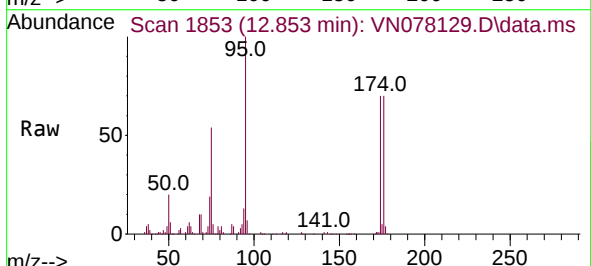
Instrument :
MSVOA_N
ClientSampleId :
30998

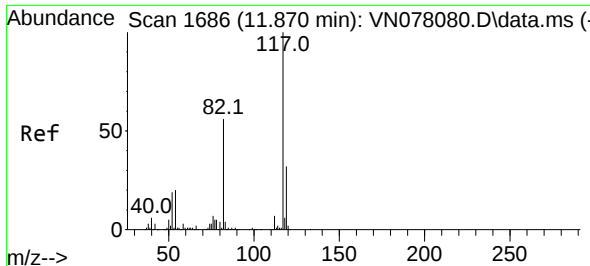
Tgt Ion: 98 Resp: 778866
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.055 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078129.D
Acq: 08 Jun 2023 15:00

Tgt Ion: 95 Resp: 218207
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 69.9 0.0 135.8

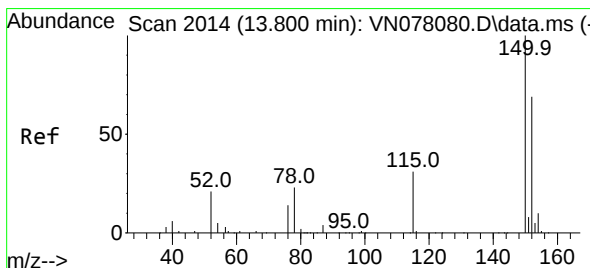
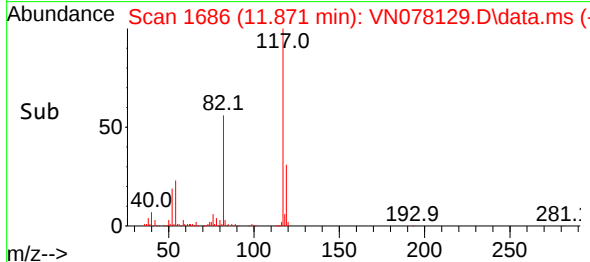
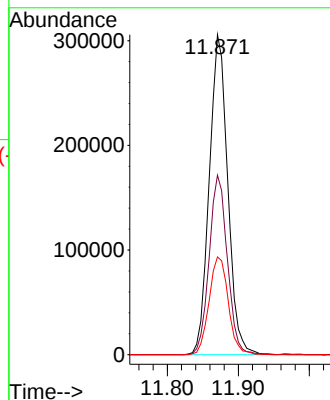
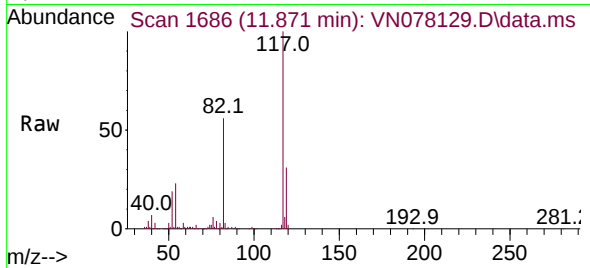




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078129.D
Acq: 08 Jun 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
30998

Tgt Ion:117 Resp: 552593
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 30.6 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: VN078129.D
Acq: 08 Jun 2023 15:00

Tgt Ion:152 Resp: 166362
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 154.8 0.0 355.8

