

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079280.D
 Acq On : 15 Sep 2023 18:31
 Operator : JC\MD
 Sample : 04436-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-9-13

Quant Time: Sep 16 01:57:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	296540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140119	65.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	130.300%#
35) Dibromofluoromethane	8.171	113	113970	52.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	10.571	98	396378	49.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.853	95	109685	43.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%

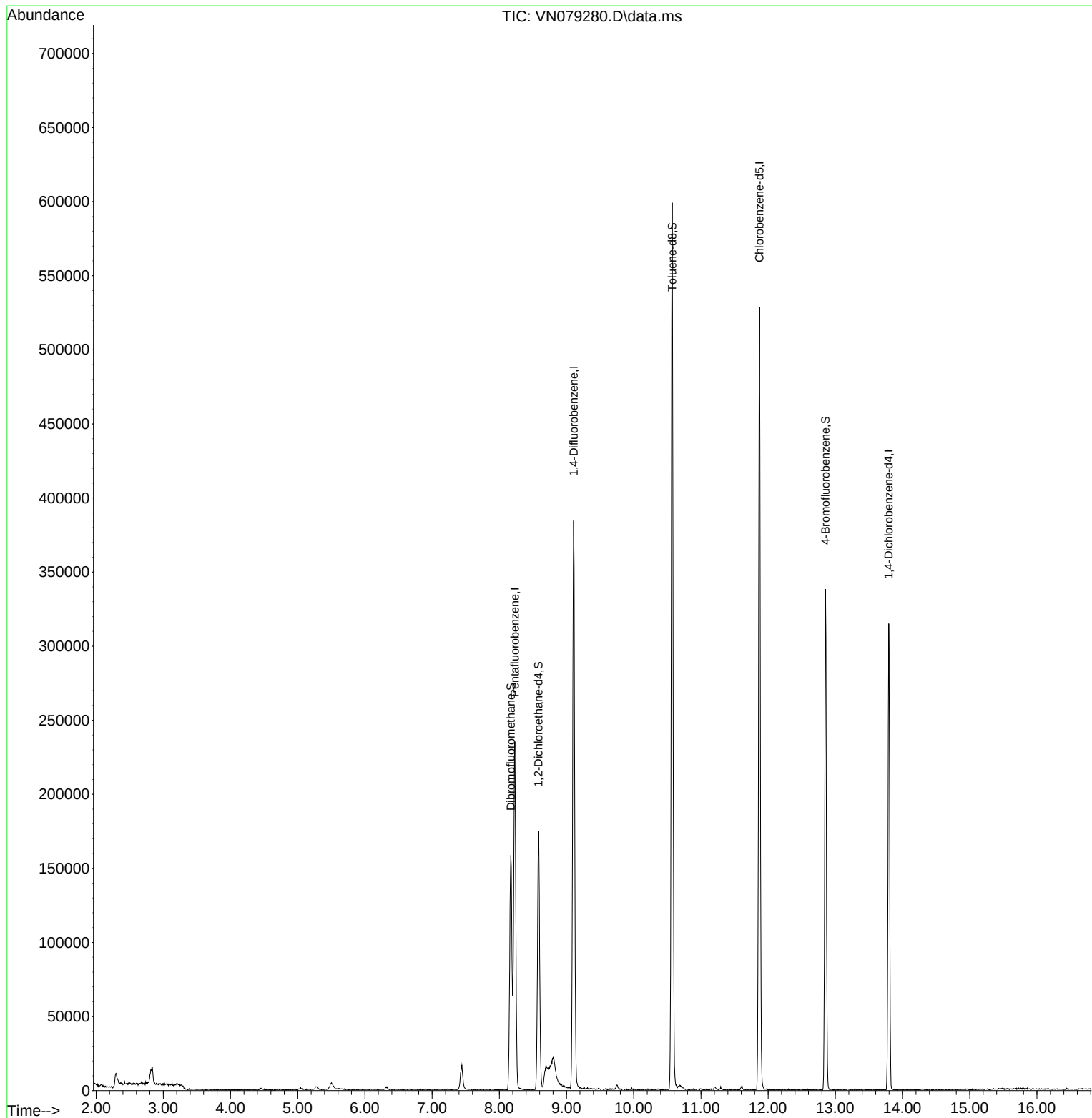
Target Compounds	Qvalue

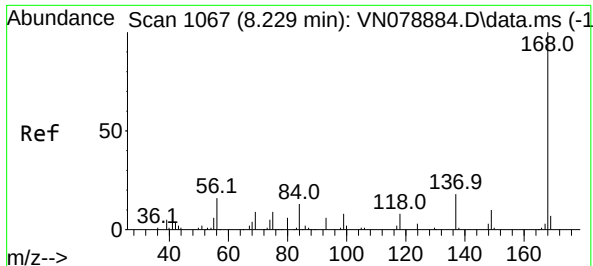
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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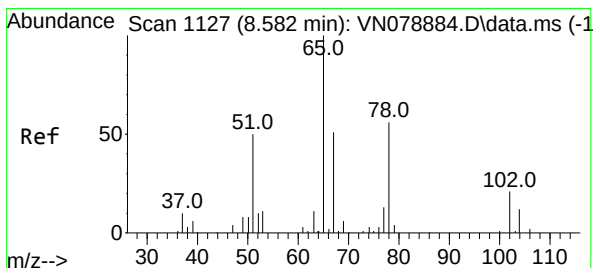
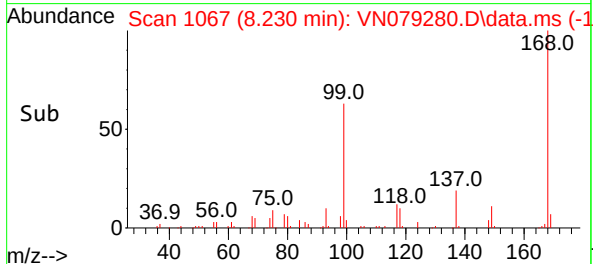
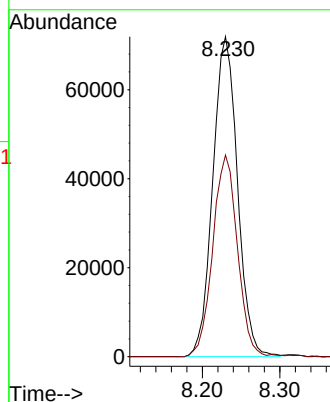
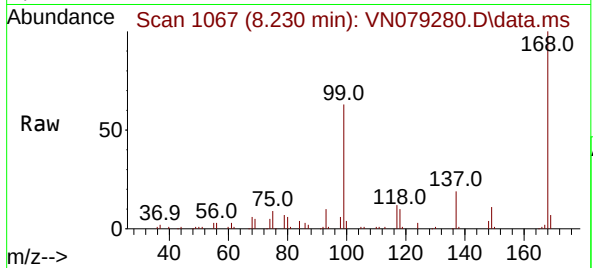




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

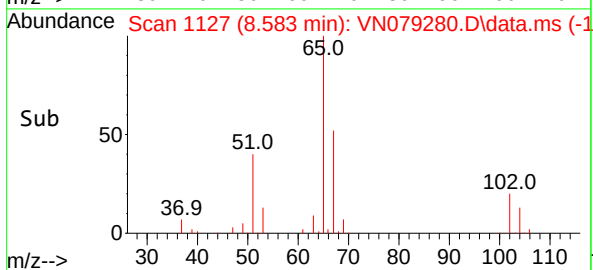
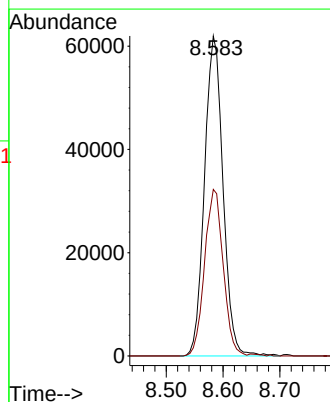
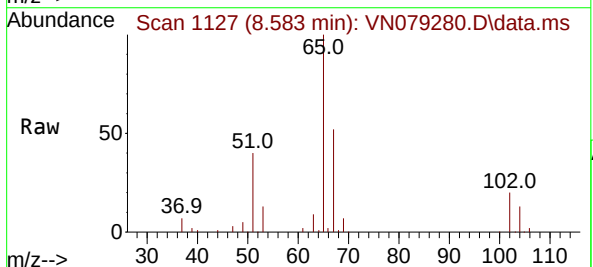
Instrument :
MSVOA_N
ClientSampleId :
FB-9-13

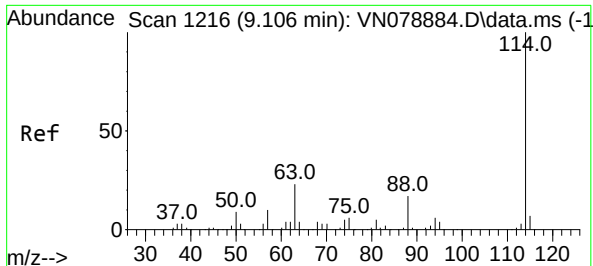
Tgt Ion:168 Resp: 159324
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 65.150 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

Tgt Ion: 65 Resp: 140119
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079280.D

Acq: 15 Sep 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

FB-9-13

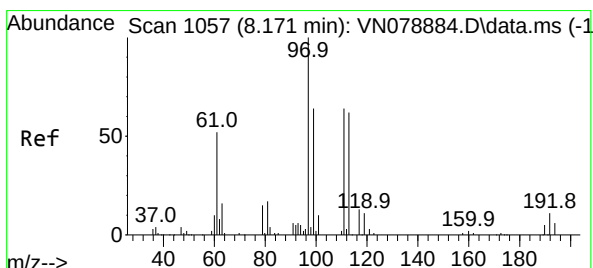
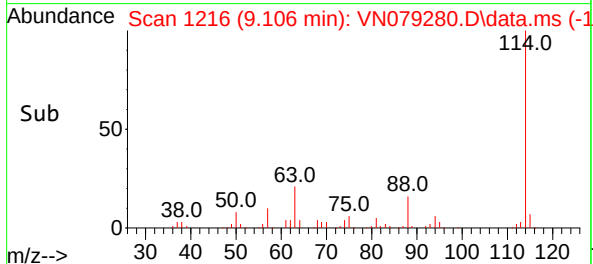
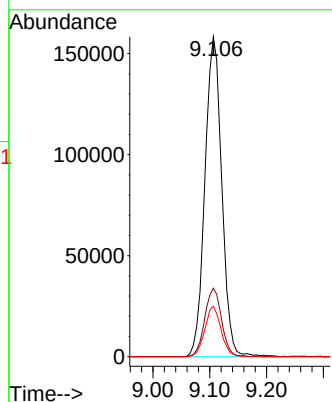
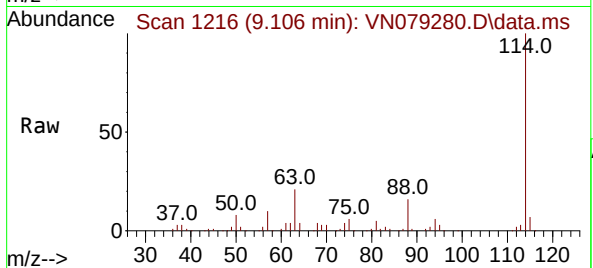
Tgt Ion:114 Resp: 325503

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.638 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079280.D

Acq: 15 Sep 2023 18:31

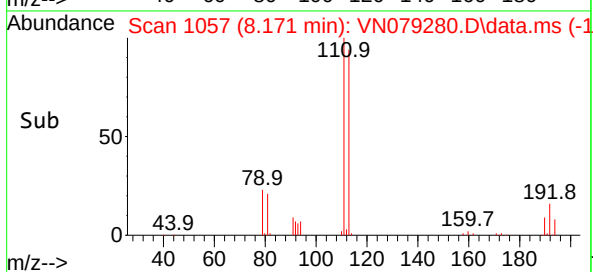
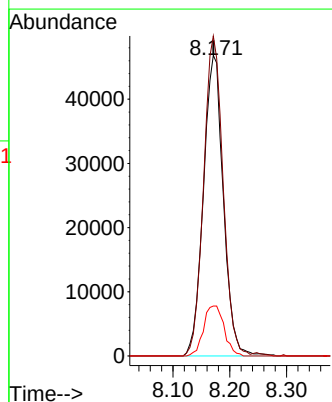
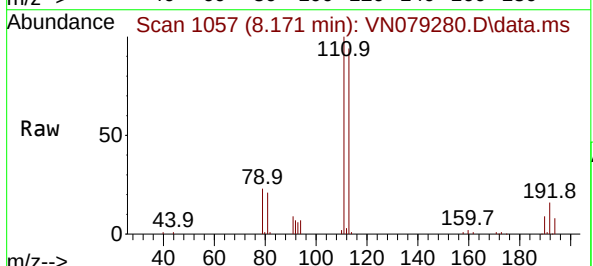
Tgt Ion:113 Resp: 113970

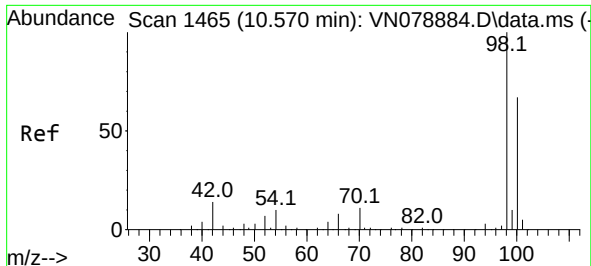
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.1 12.7 19.1

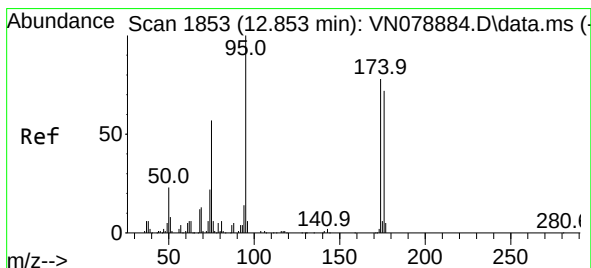
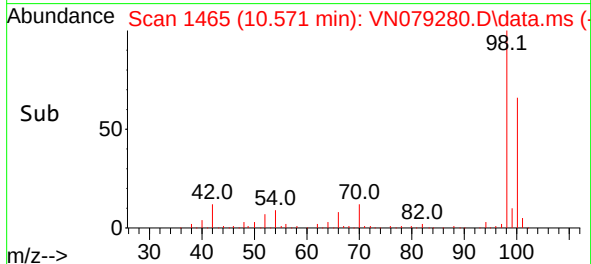
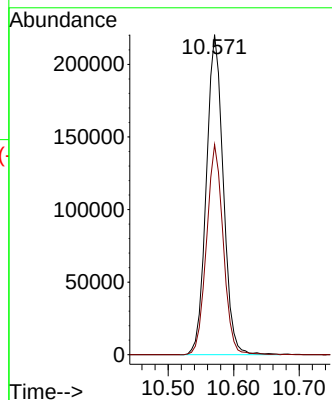
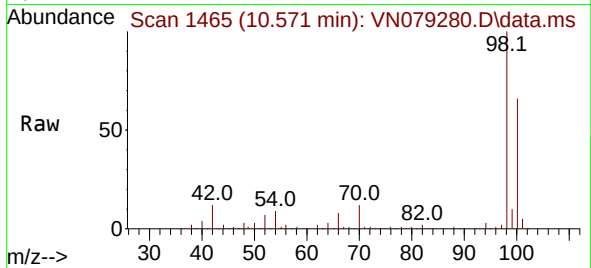




#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

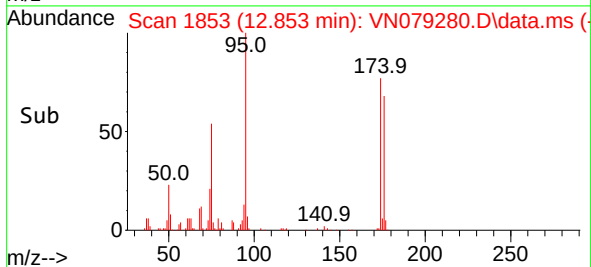
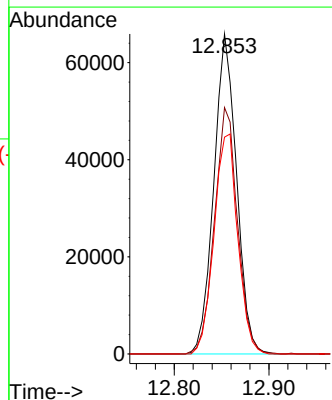
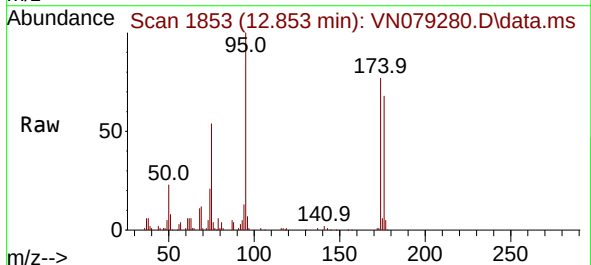
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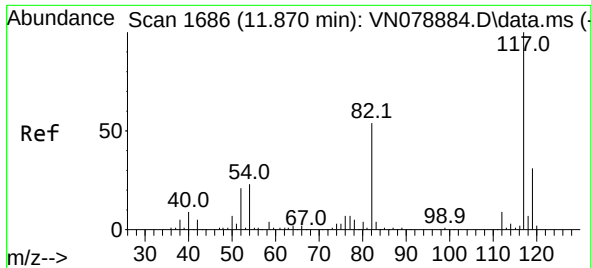
Tgt Ion: 98 Resp: 396378
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.252 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

Tgt Ion: 95 Resp: 109685
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 72.1 0.0 135.8

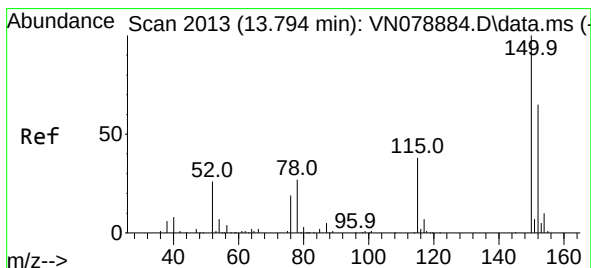
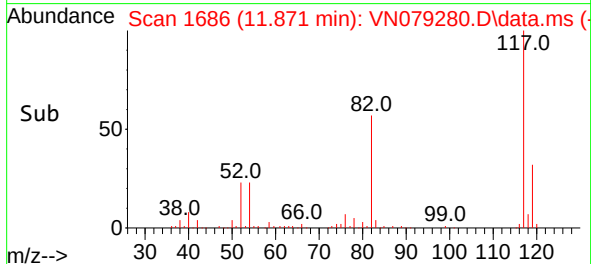
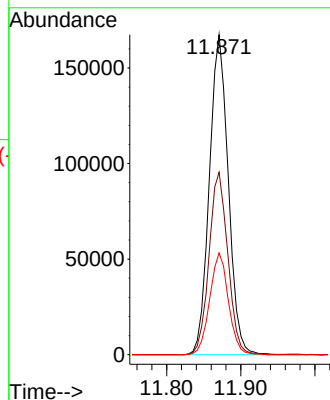
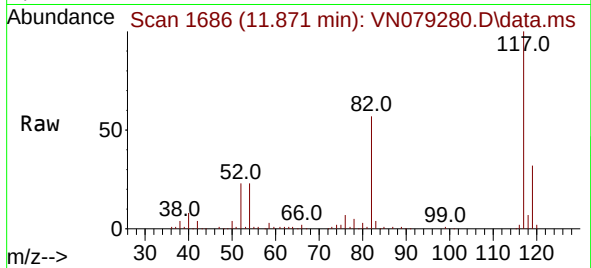




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
FB-9-13

Tgt Ion:117 Resp: 296540
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079280.D
Acq: 15 Sep 2023 18:31

Tgt Ion:152 Resp: 79732
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 157.1 0.0 355.8

