

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079316.D
 Acq On : 21 Sep 2023 10:52
 Operator : JC\MD
 Sample : VN0921WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL01

Quant Time: Sep 22 02:26:54 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	156742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	256862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131058	61.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.880%
35) Dibromofluoromethane	8.171	113	102095	52.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.571	98	335472	46.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.853	95	99680	43.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%

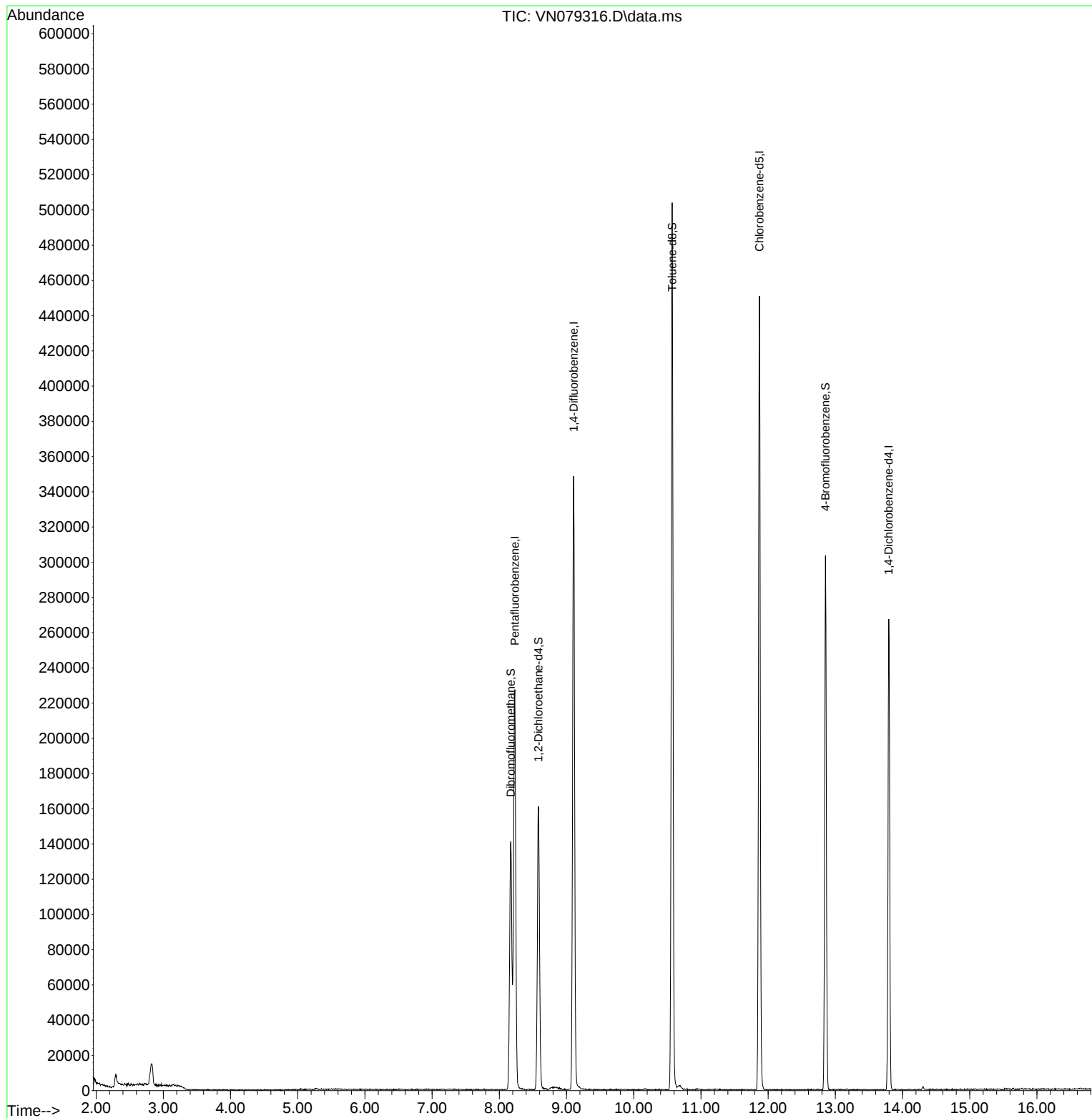
Target Compounds	Qvalue

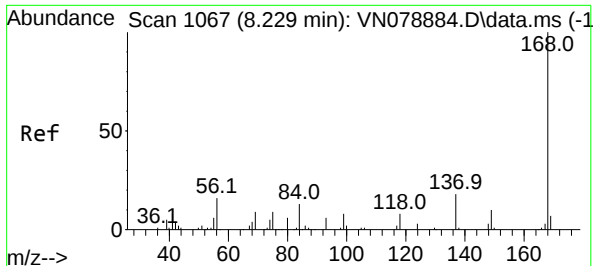
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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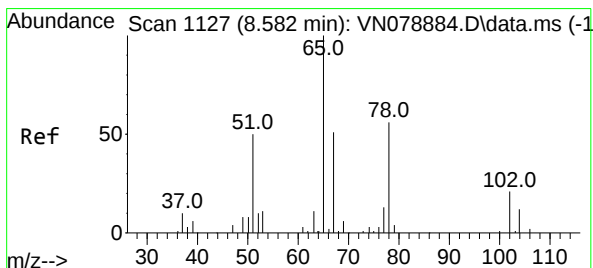
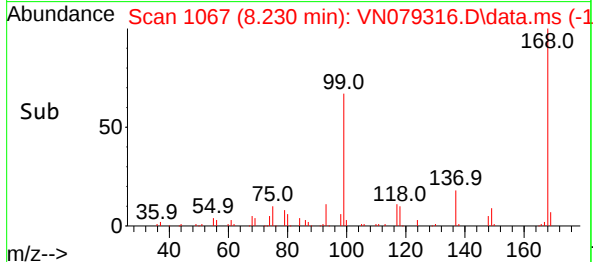
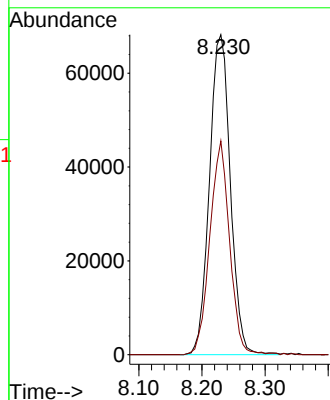
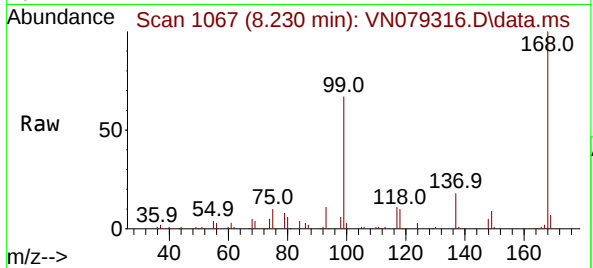




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

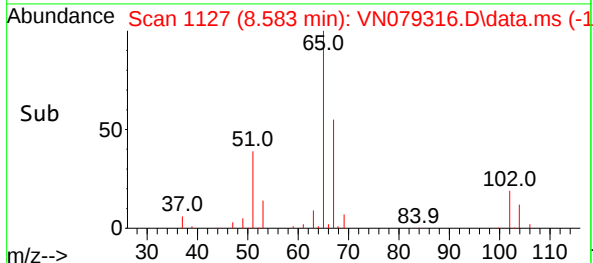
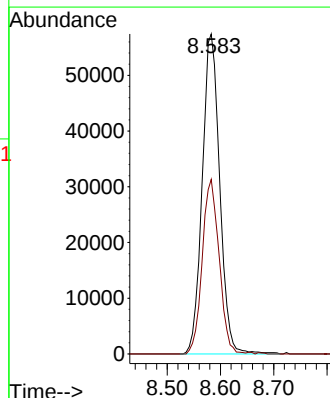
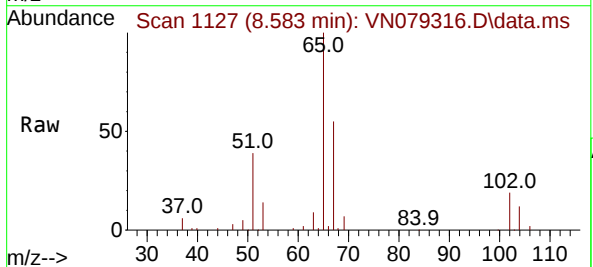
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL01

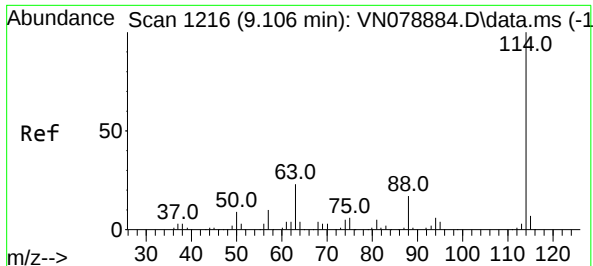
Tgt Ion:168 Resp: 156742
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.941 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 65 Resp: 131058
Ion Ratio Lower Upper
65 100
67 52.7 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: VN079316.D

Acq: 21 Sep 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

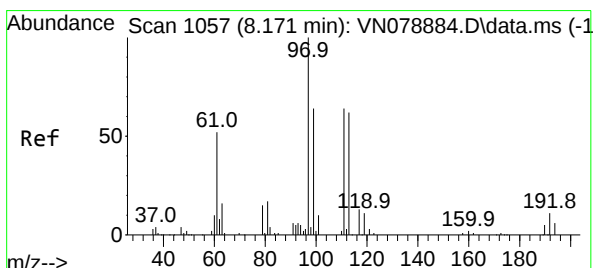
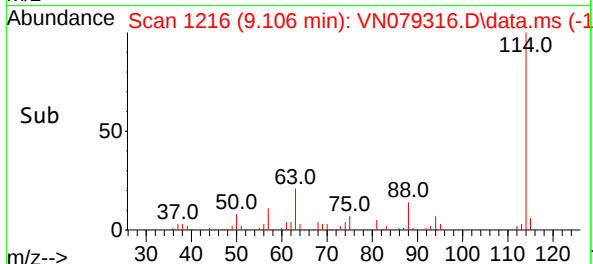
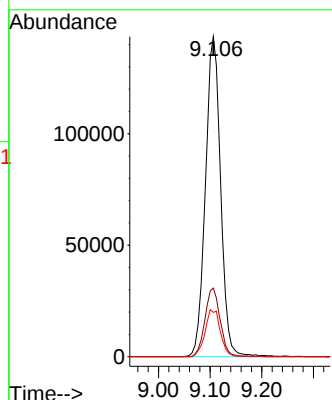
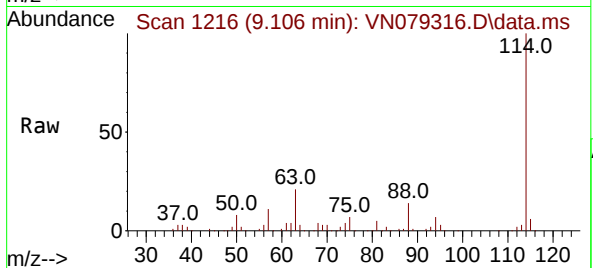
Tgt Ion:114 Resp: 293114

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079316.D

Acq: 21 Sep 2023 10:52

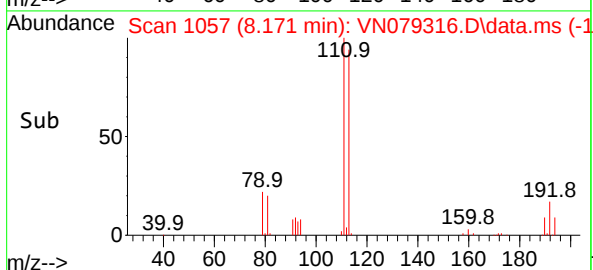
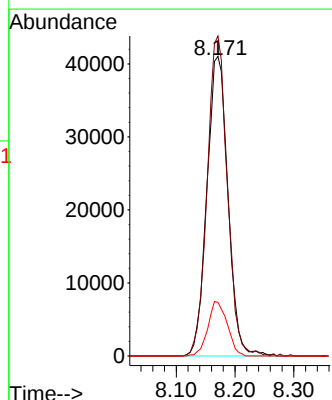
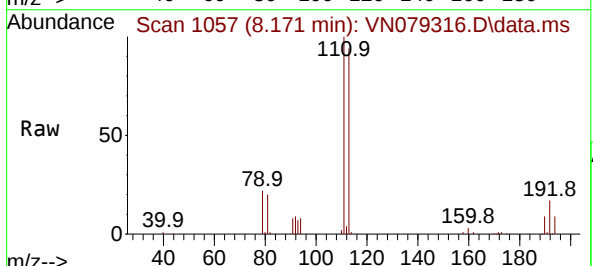
Tgt Ion:113 Resp: 102095

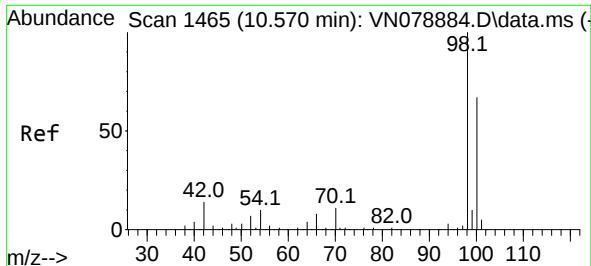
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.8 12.7 19.1

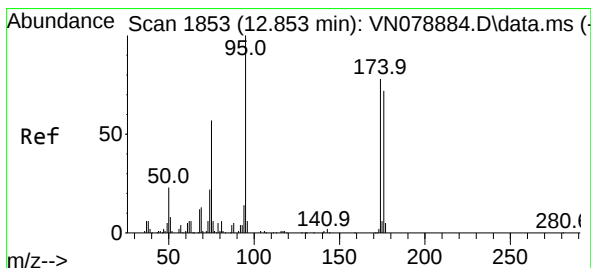
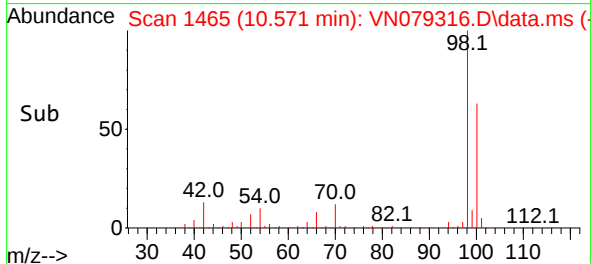
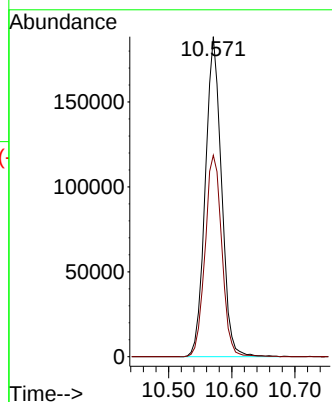
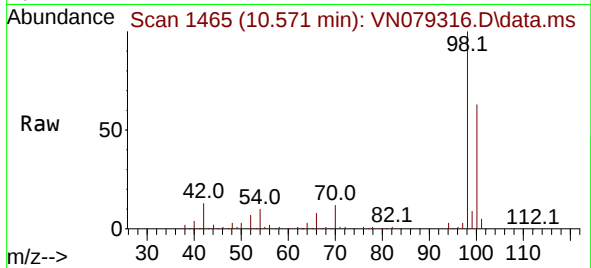




#50
Toluene-d8
Concen: 46.859 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

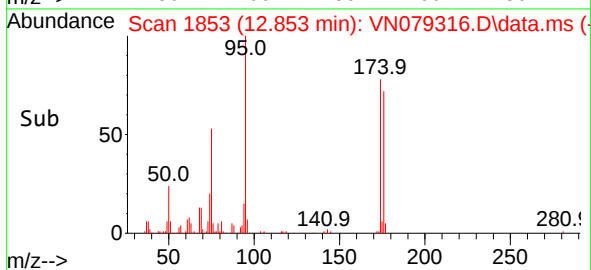
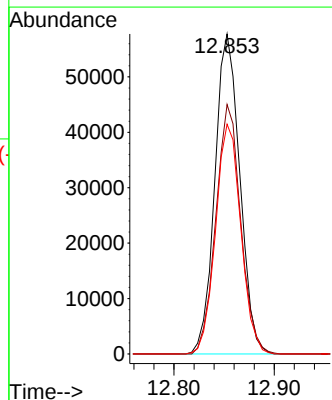
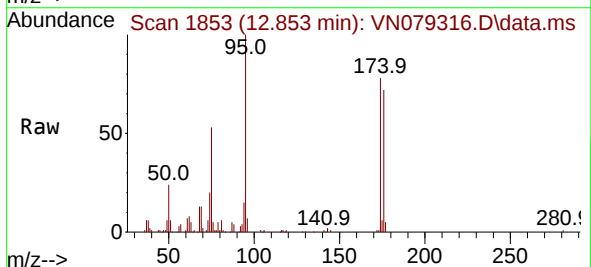
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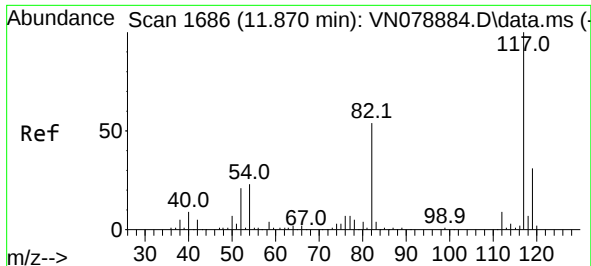
Tgt Ion: 98 Resp: 335472
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.650 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 95 Resp: 99680
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 72.6 0.0 135.8

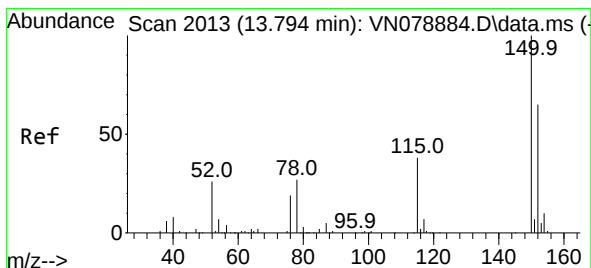
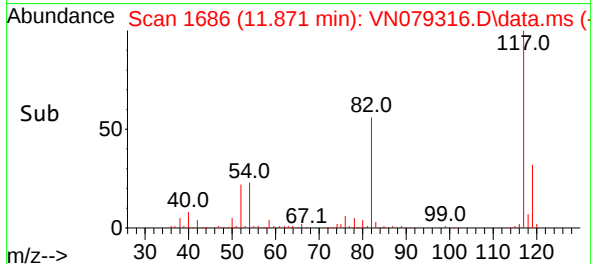
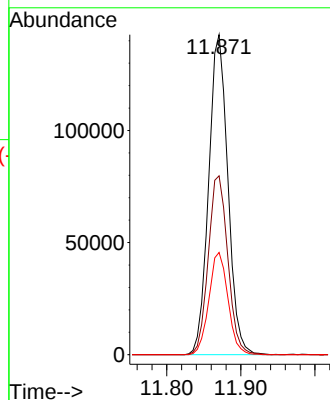
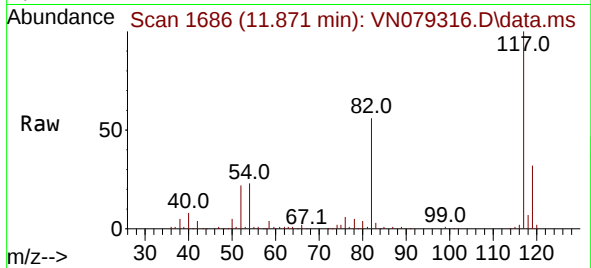




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079316.D
Acq: 21 Sep 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL01

Tgt Ion:117 Resp: 256862
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.9 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: VN079316.D
Acq: 21 Sep 2023 10:52

Tgt Ion:152 Resp: 70541
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 154.4 0.0 355.8

