

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079378.D
 Acq On : 30 Sep 2023 11:46
 Operator : JC\MD
 Sample : VN0930WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL02

Quant Time: Oct 02 01:51:24 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	8.229	168	136516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	217464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	56596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112657	61.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.260%
35) Dibromofluoromethane	8.171	113	88717	52.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	10.570	98	280091	45.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.853	95	84078	42.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.060%

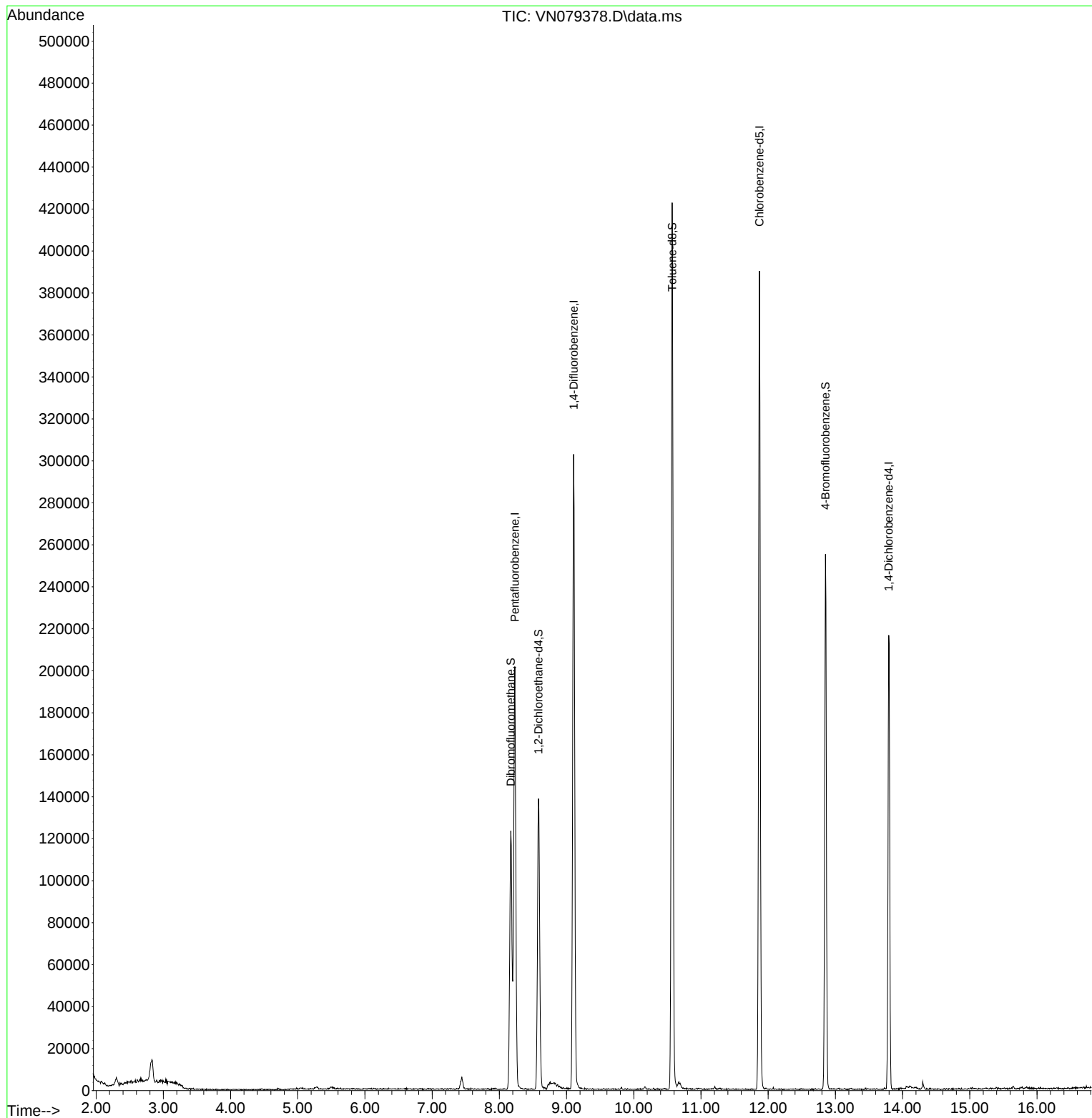
Target Compounds	Qvalue

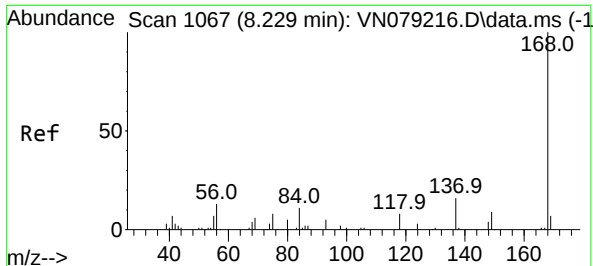
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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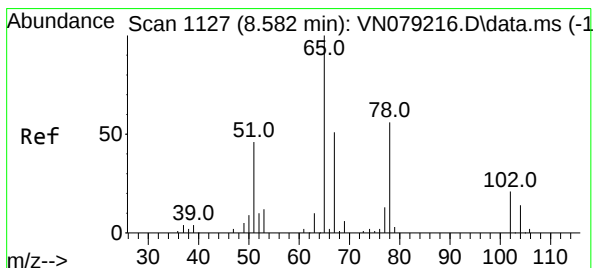
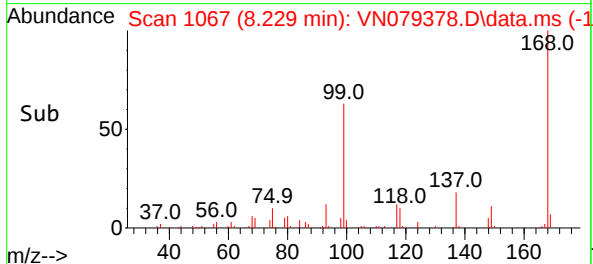
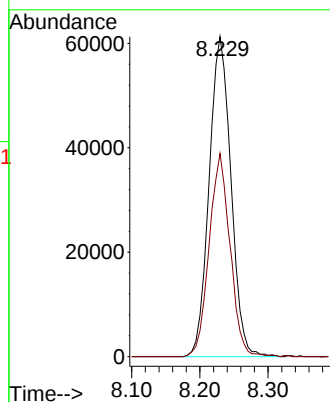
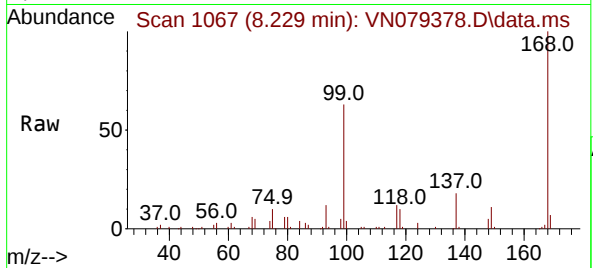




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079378.D
Acq: 30 Sep 2023 11:46

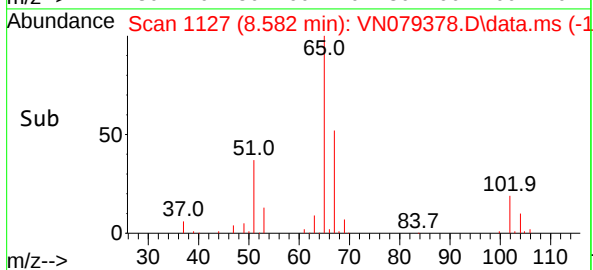
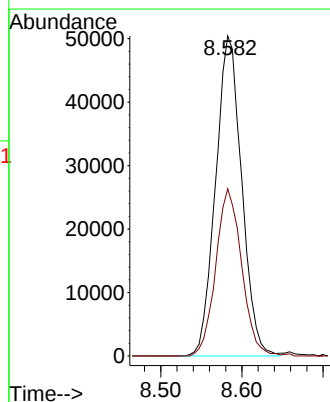
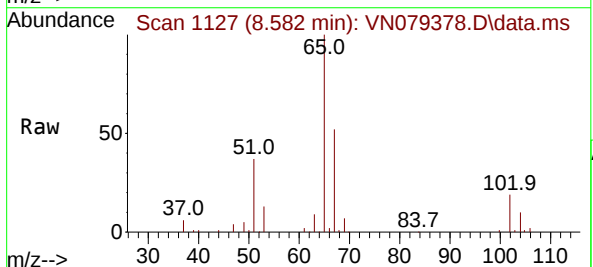
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL02

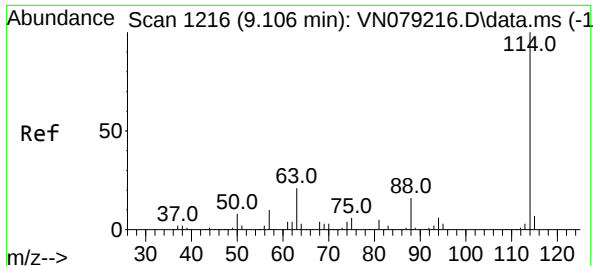
Tgt Ion:168 Resp: 136516
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.132 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079378.D
Acq: 30 Sep 2023 11:46

Tgt Ion: 65 Resp: 112657
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. -0.006 min

Lab File: VN079378.D

Acq: 30 Sep 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBL02

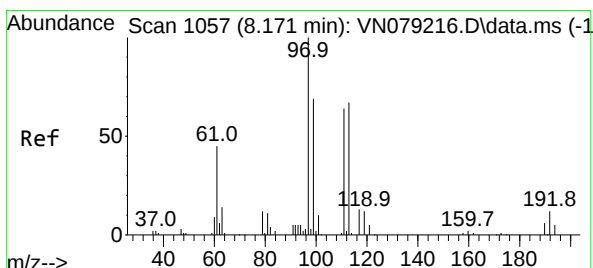
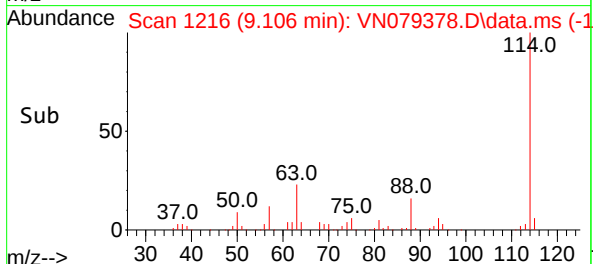
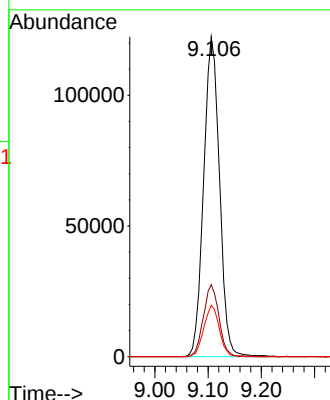
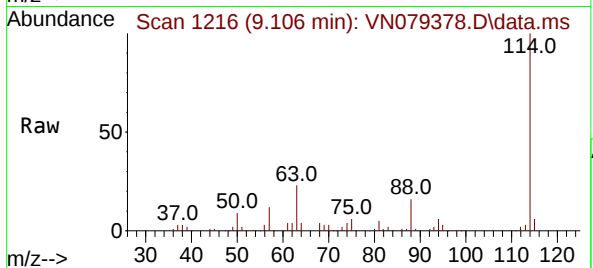
Tgt Ion:114 Resp: 253723

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.566 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079378.D

Acq: 30 Sep 2023 11:46

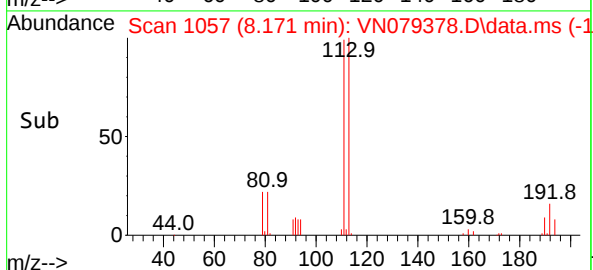
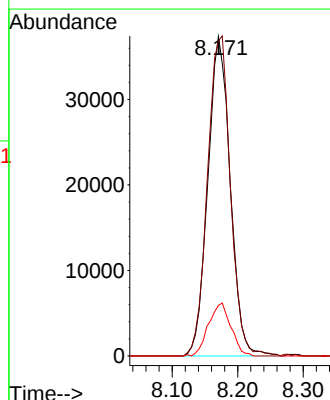
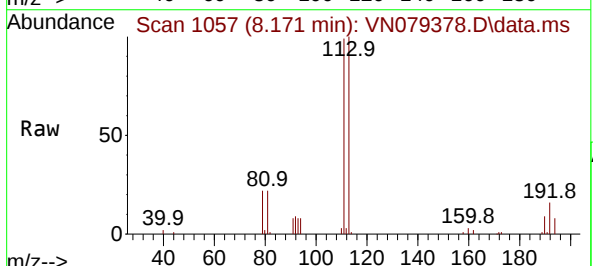
Tgt Ion:113 Resp: 88717

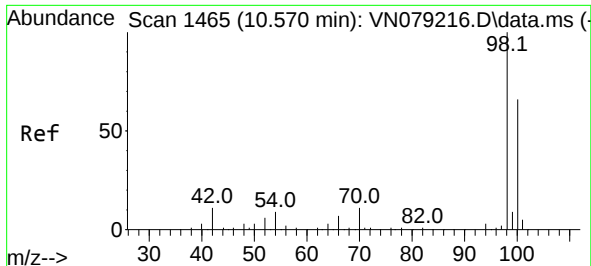
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 16.6 12.7 19.1

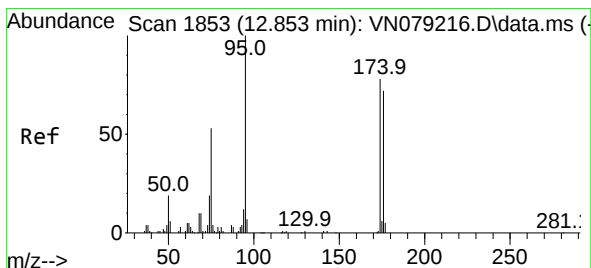
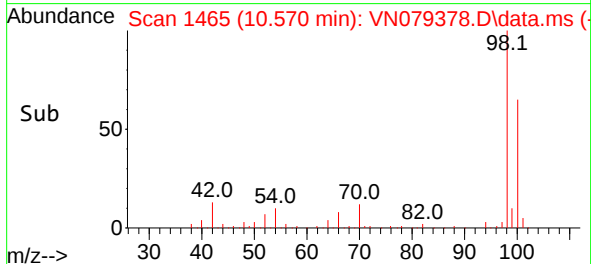
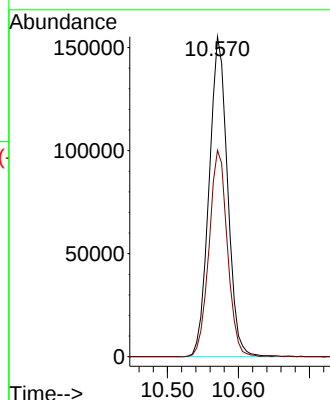
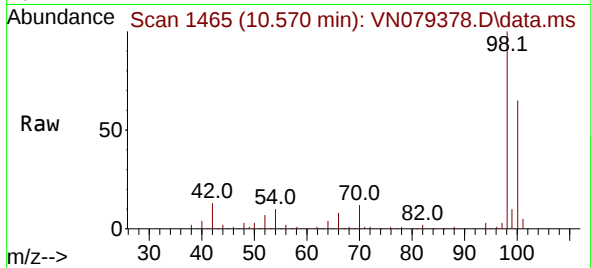




#50
Toluene-d8
Concen: 45.198 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079378.D
Acq: 30 Sep 2023 11:46

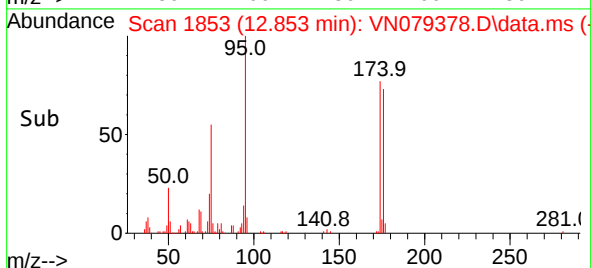
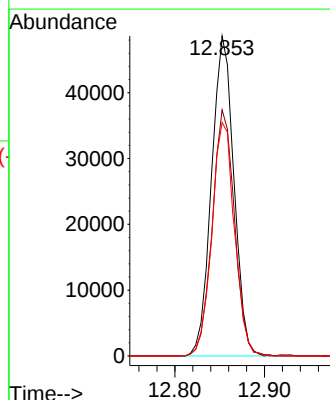
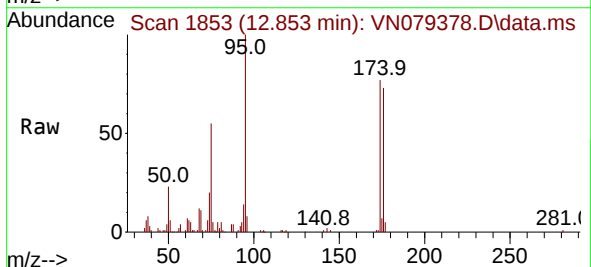
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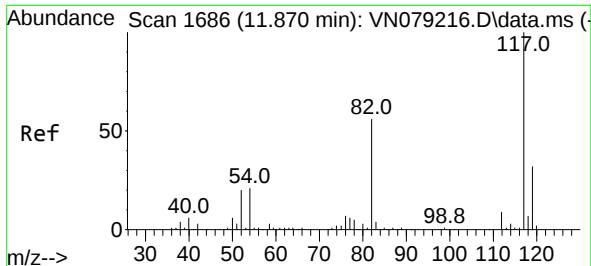
Tgt Ion: 98 Resp: 280091
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.534 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079378.D
Acq: 30 Sep 2023 11:46

Tgt Ion: 95 Resp: 84078
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 73.9 0.0 135.8

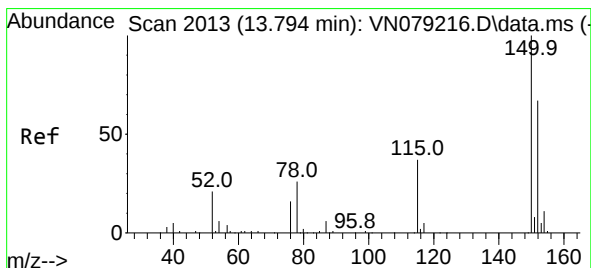
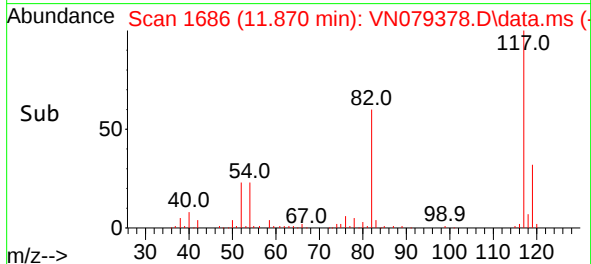
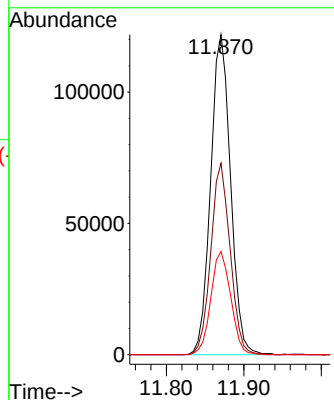
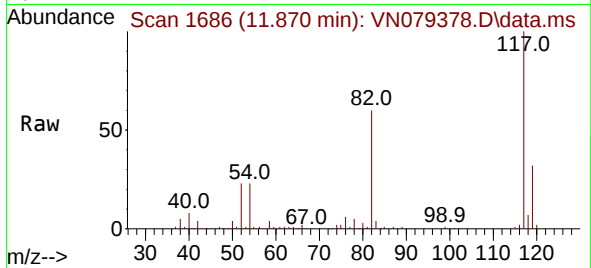




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079378.D
Acq: 30 Sep 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL02

Tgt Ion:117 Resp: 217464
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.3 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: VN079378.D
Acq: 30 Sep 2023 11:46

Tgt Ion:152 Resp: 56596
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 155.9 0.0 355.8

