

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079287.D
 Acq On : 18 Sep 2023 15:17
 Operator : JC\MD
 Sample : VN0918WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBL01

Quant Time: Sep 19 01:23:16 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	182060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	79936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140756	57.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.540%
35) Dibromofluoromethane	8.165	113	104664	48.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	352232	44.545	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.853	95	104142	41.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.580%#

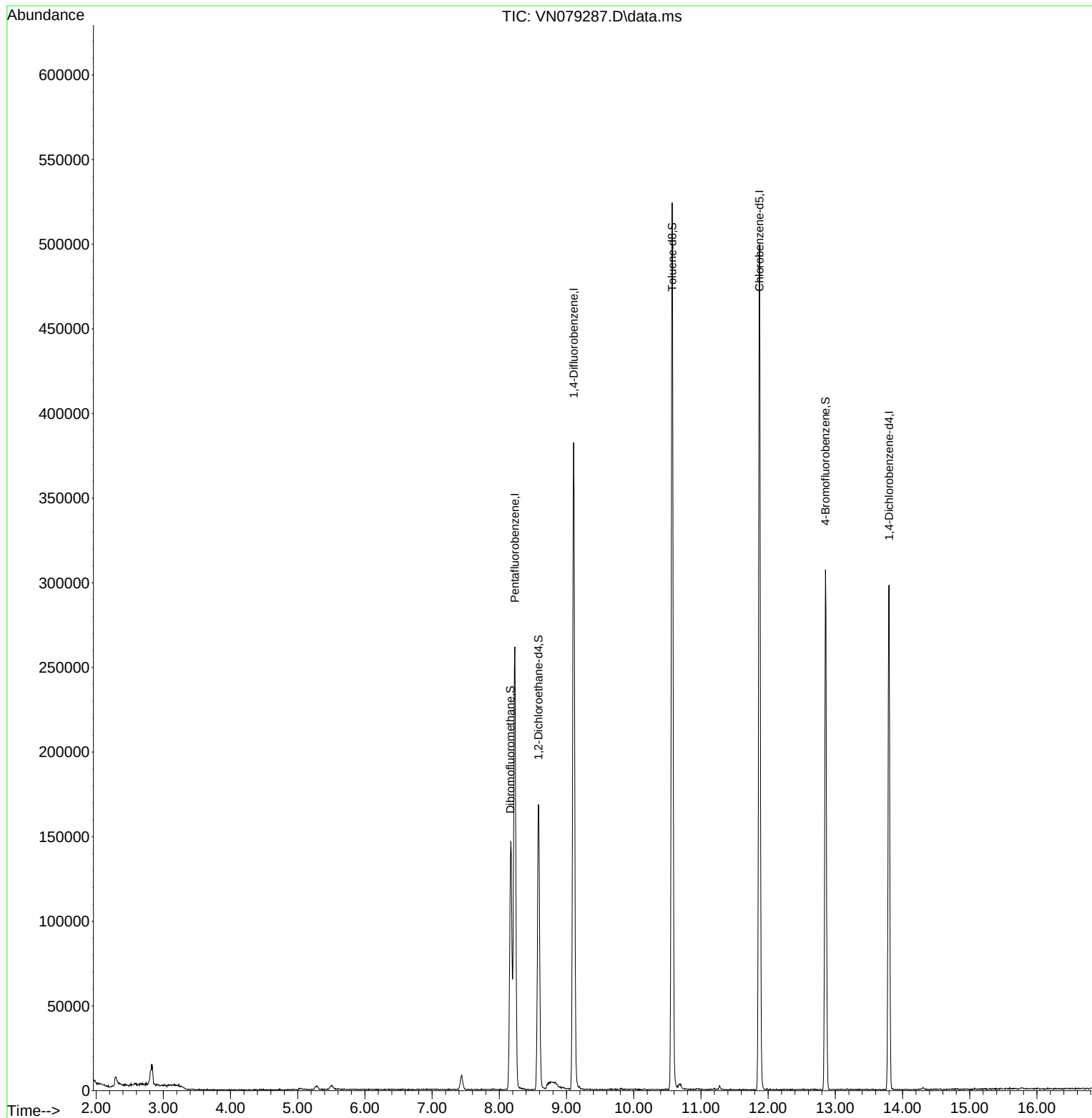
Target Compounds	Qvalue

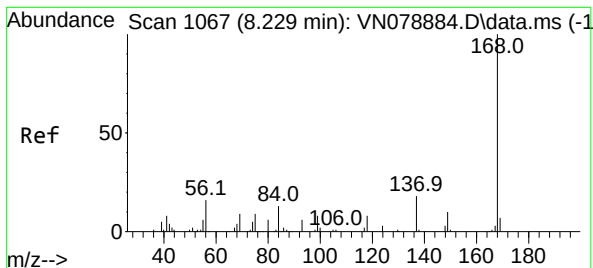
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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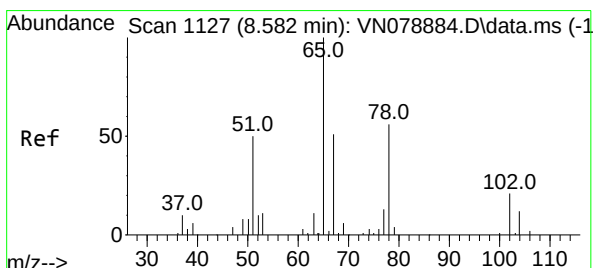
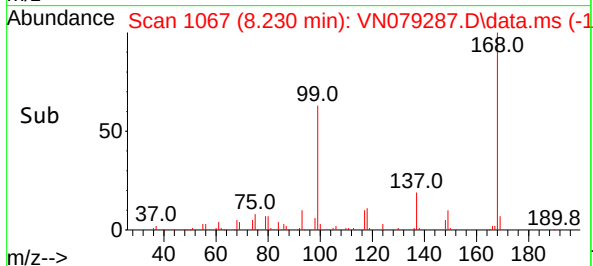
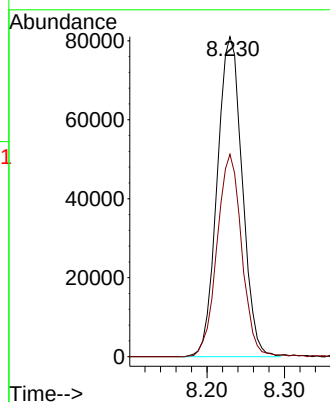
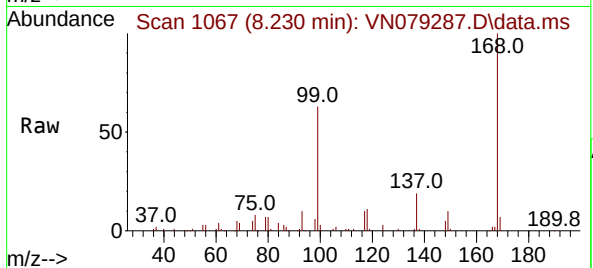




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

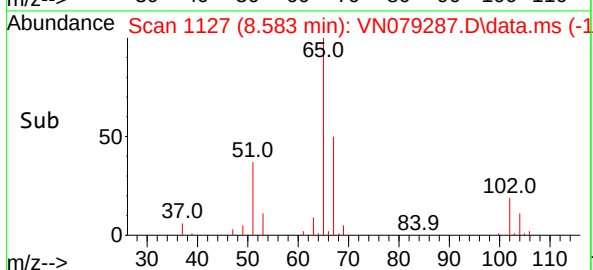
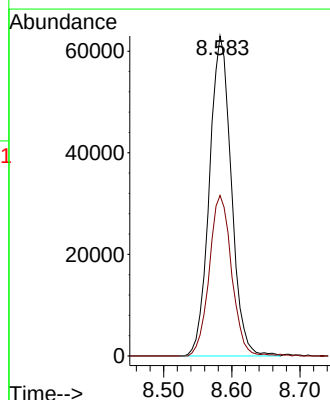
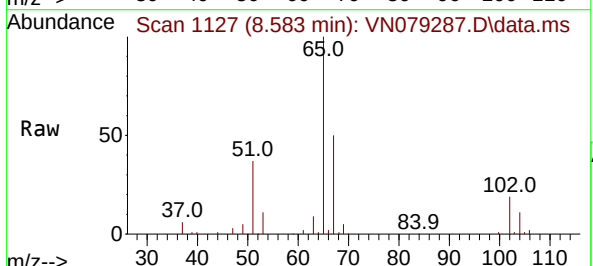
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBL01

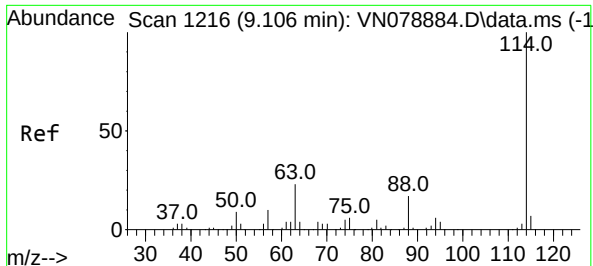
Tgt Ion:168 Resp: 182060
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.273 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion: 65 Resp: 140756
Ion Ratio Lower Upper
65 100
67 51.2 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: VN079287.D

Acq: 18 Sep 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBL01

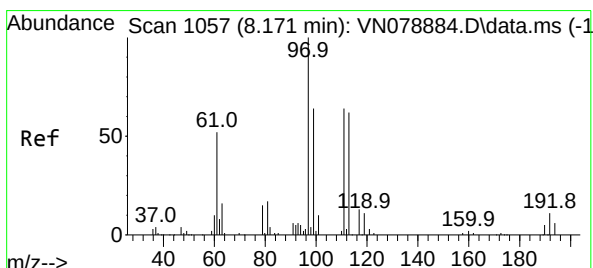
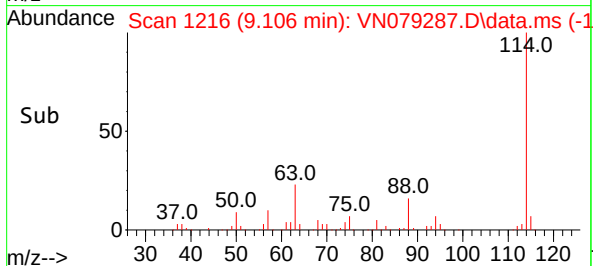
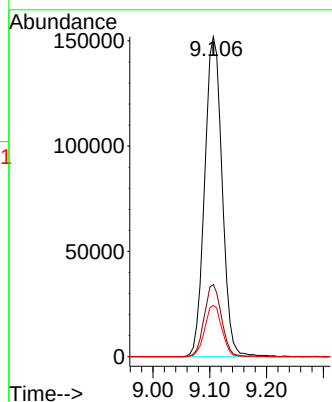
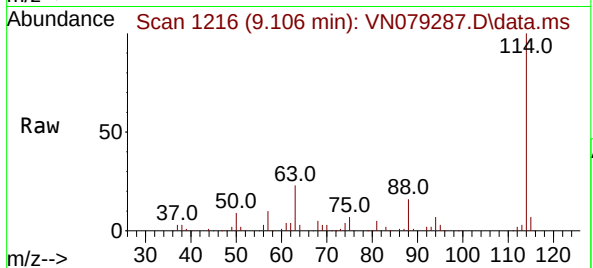
Tgt Ion:114 Resp: 323749

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.601 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079287.D

Acq: 18 Sep 2023 15:17

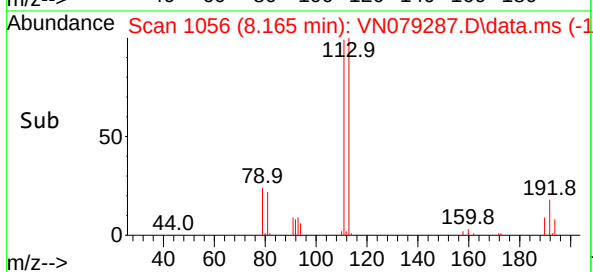
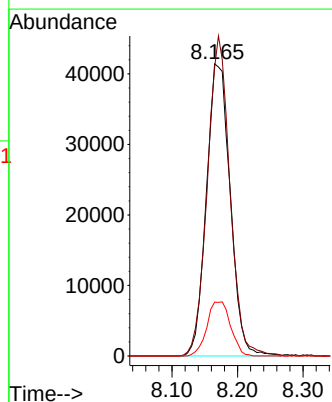
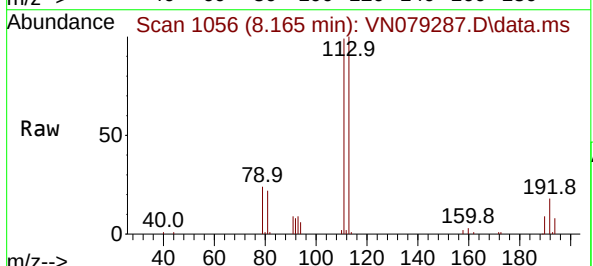
Tgt Ion:113 Resp: 104664

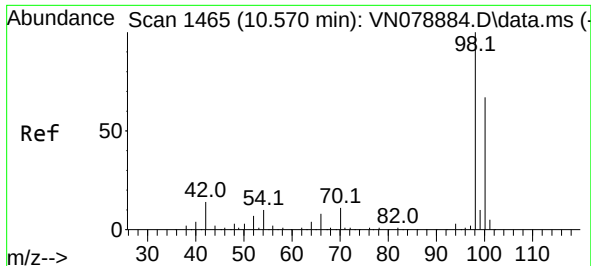
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.4 12.7 19.1

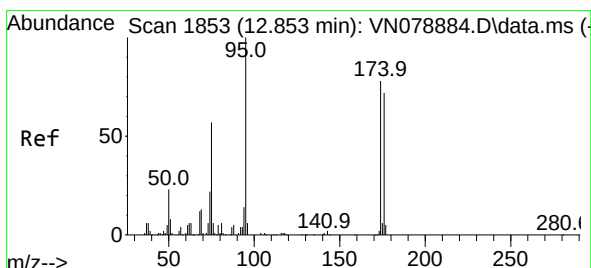
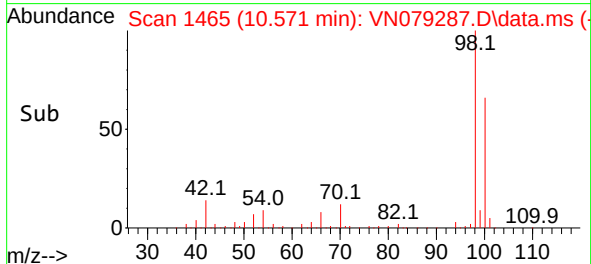
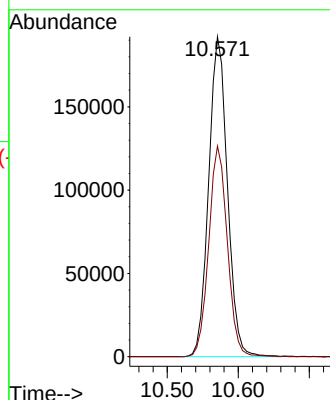
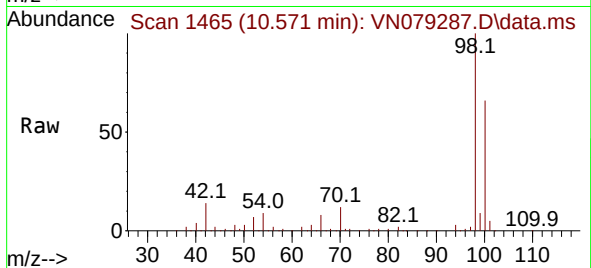




#50
Toluene-d8
Concen: 44.545 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

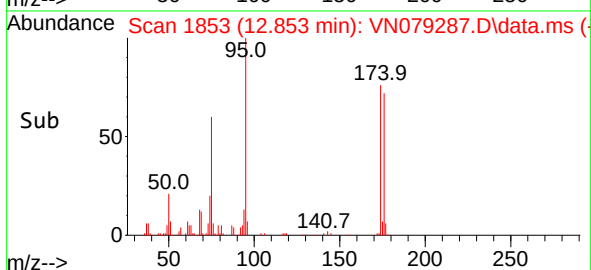
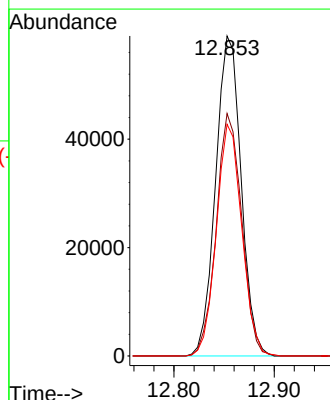
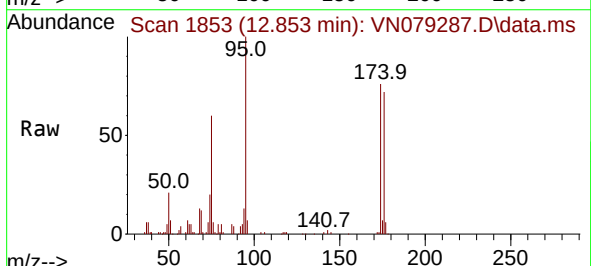
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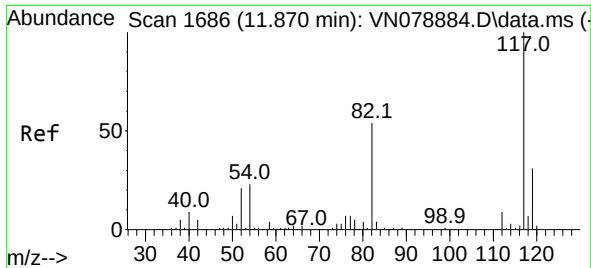
Tgt Ion: 98 Resp: 352232
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.289 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion: 95 Resp: 104142
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.2 0.0 135.8

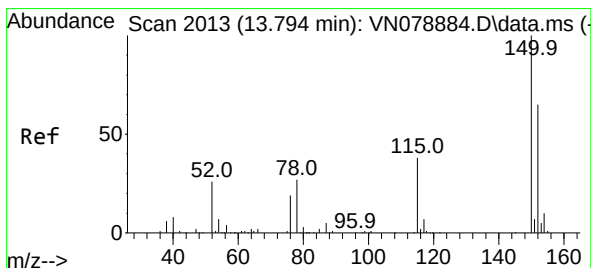
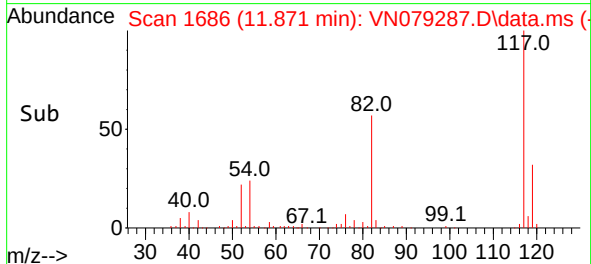
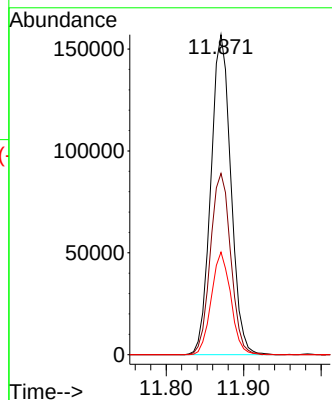
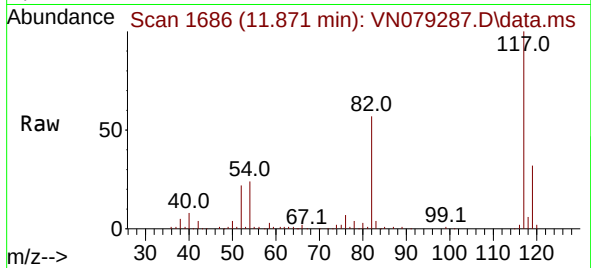




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBL01

Tgt Ion:117 Resp: 281568
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079287.D
Acq: 18 Sep 2023 15:17

Tgt Ion:152 Resp: 79936
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 155.3 0.0 355.8

