

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078349.D
 Acq On : 22 Jun 2023 14:52
 Operator : JC\MD
 Sample : 03289-15
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Jun 22 17:02:13 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	386427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	696528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	260486	50.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.120%
35) Dibromofluoromethane	8.171	113	231696	52.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.220%
50) Toluene-d8	10.571	98	846062	49.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.853	95	255197	48.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%

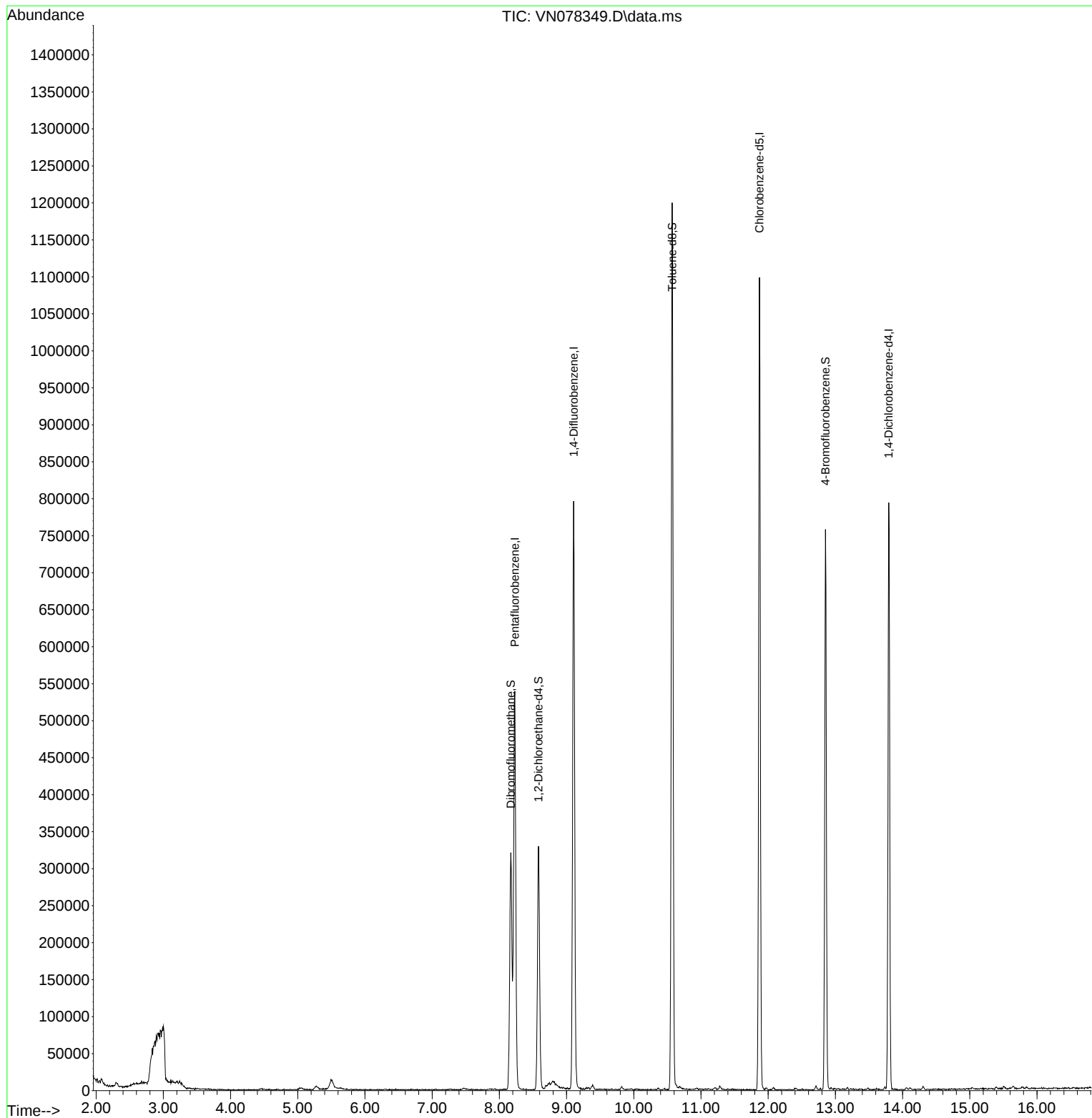
Target Compounds	Qvalue

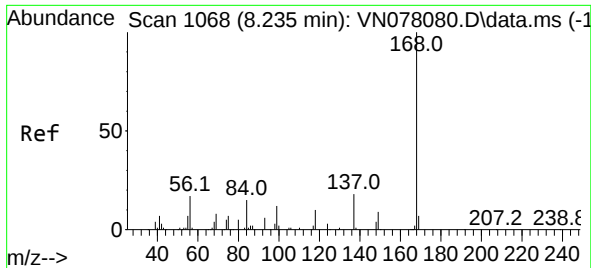
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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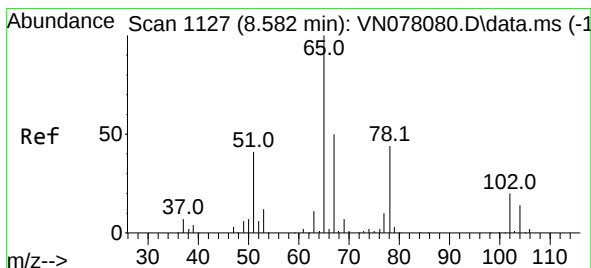
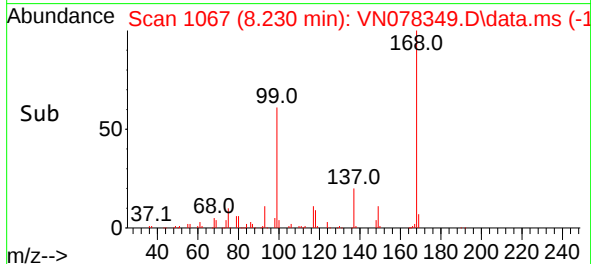
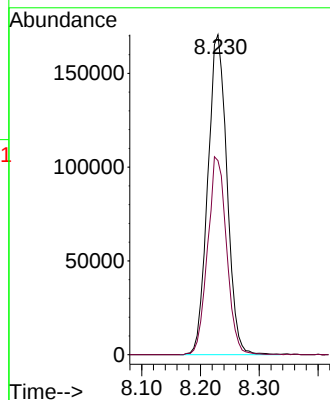
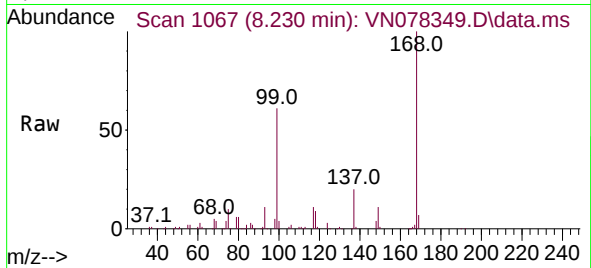




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

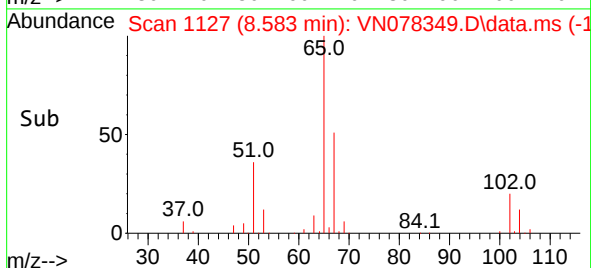
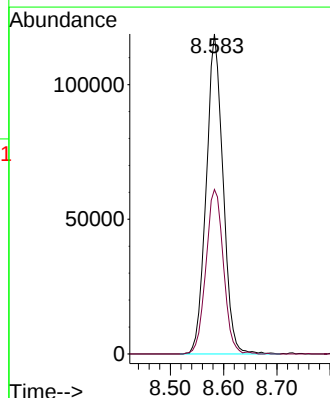
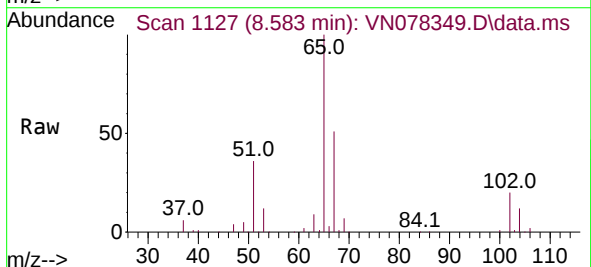
Instrument :
MSVOA_N
ClientSampleId :
SB-06-0-2.0

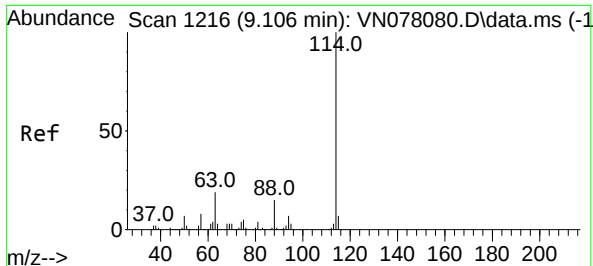
Tgt Ion:168 Resp: 386427
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.558 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

Tgt Ion: 65 Resp: 260486
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN078349.D

Acq: 22 Jun 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

SB-06-0-2.0

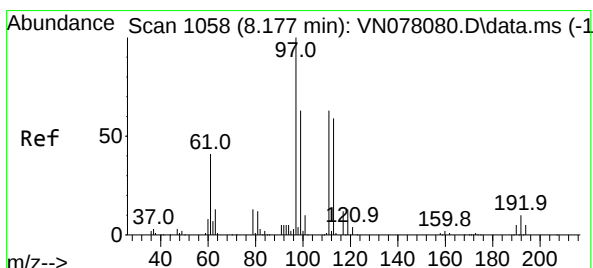
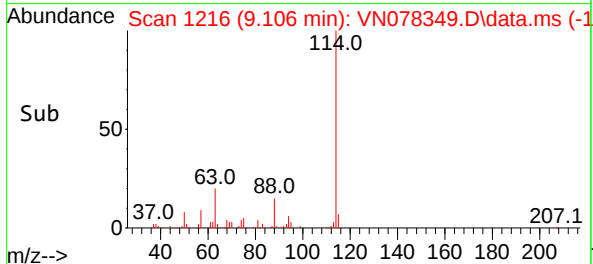
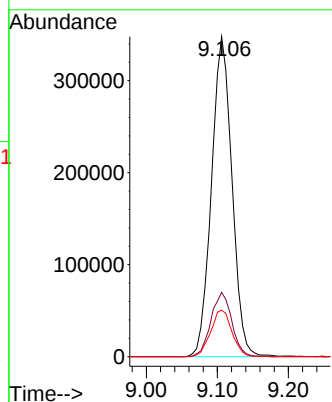
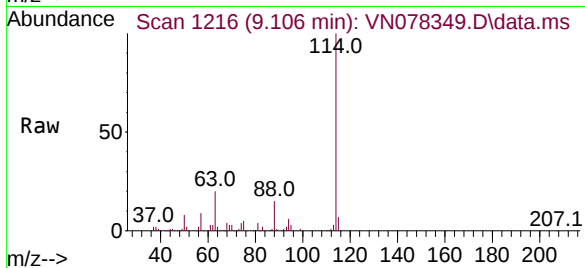
Tgt Ion:114 Resp: 696528

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.610 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078349.D

Acq: 22 Jun 2023 14:52

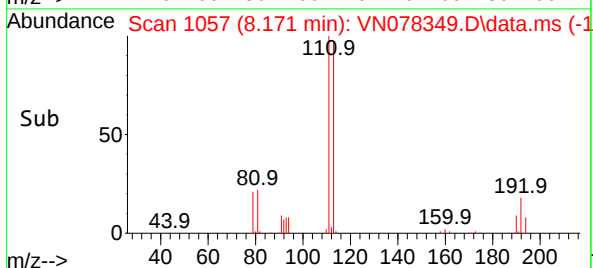
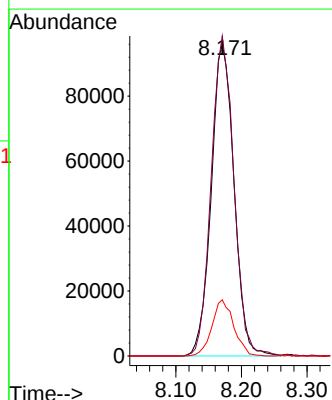
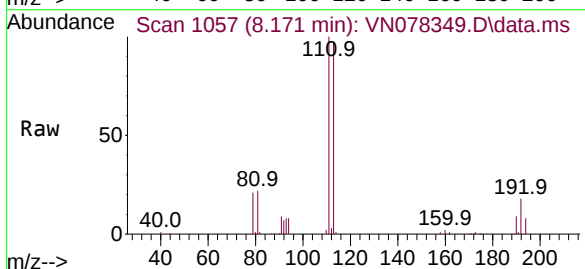
Tgt Ion:113 Resp: 231696

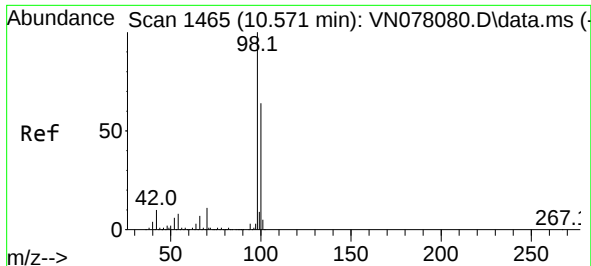
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.2 12.7 19.1

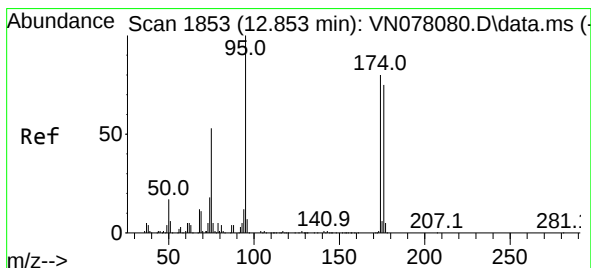
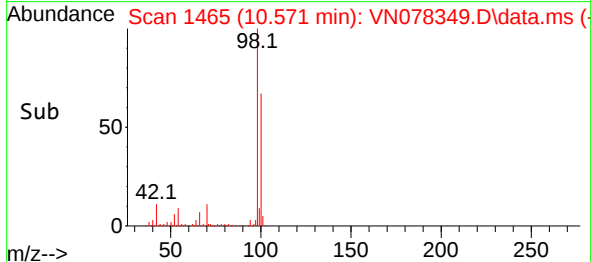
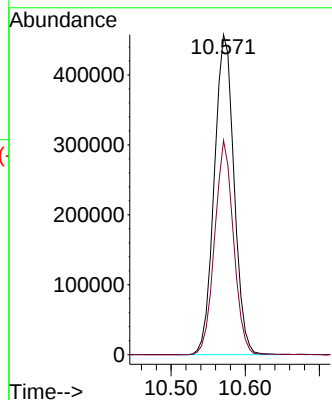
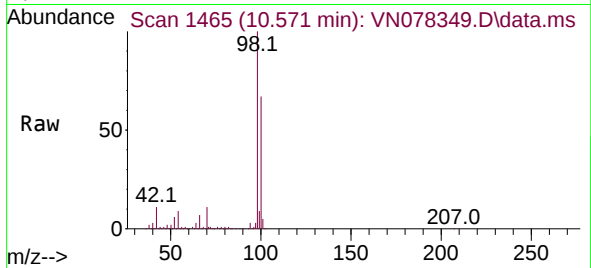




#50
Toluene-d8
Concen: 49.833 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

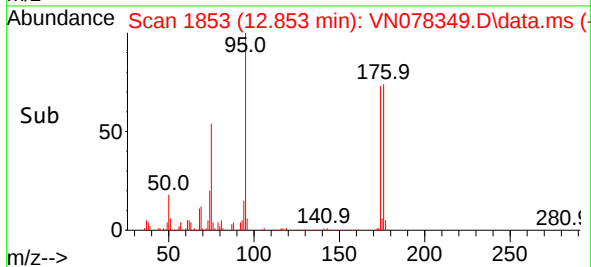
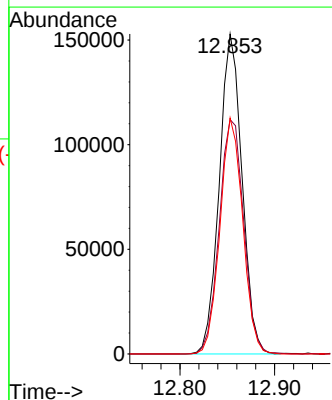
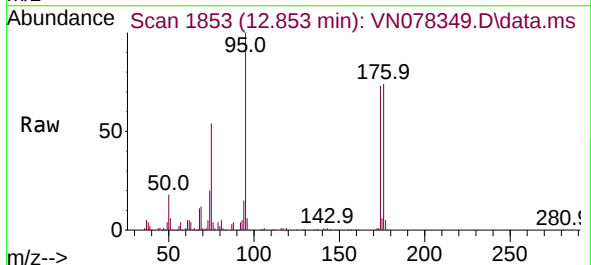
Instrument :
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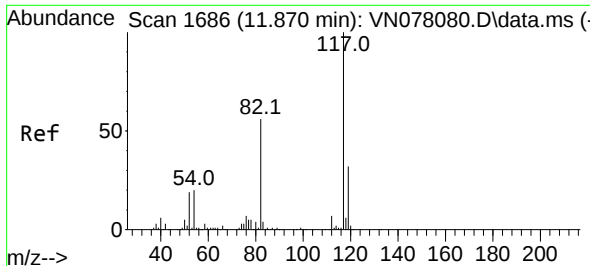
Tgt Ion: 98 Resp: 846062
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.350 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

Tgt Ion: 95 Resp: 255197
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 73.9 0.0 135.8

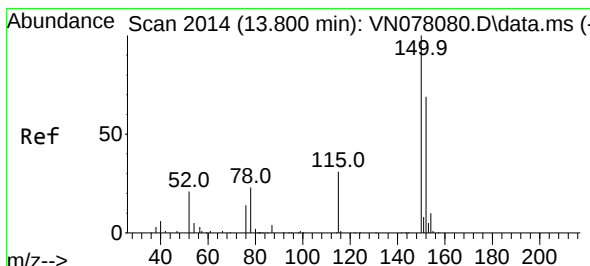
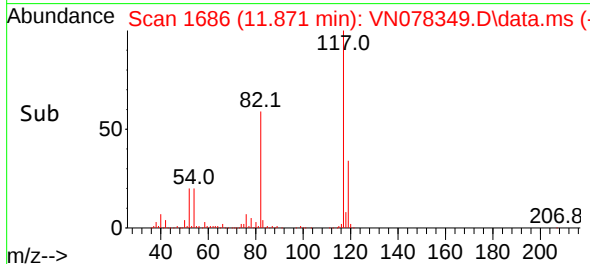
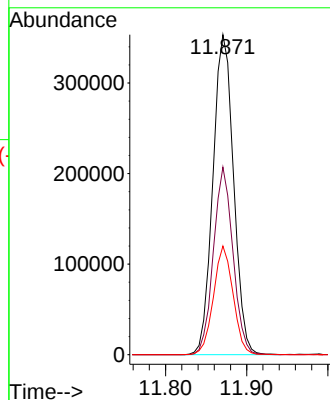
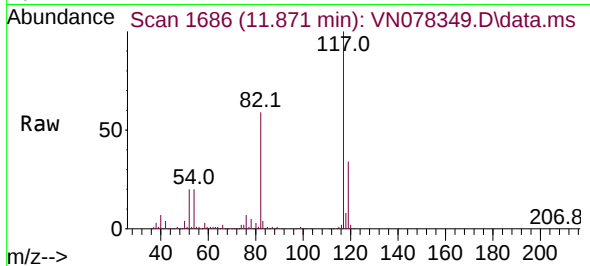




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
SB-06-0-2.0

Tgt Ion:117 Resp: 625834
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 34.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078349.D
Acq: 22 Jun 2023 14:52

Tgt Ion:152 Resp: 213757
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 158.9 0.0 355.8

