

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078154.D
 Acq On : 09 Jun 2023 18:35
 Operator : JC\MD
 Sample : 03119-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 09 23:13:38 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	8.236	168	428180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	787722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	693225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	212632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	308744	54.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.160%
35) Dibromofluoromethane	8.171	113	266081	53.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	10.571	98	962713	50.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.859	95	277488	46.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

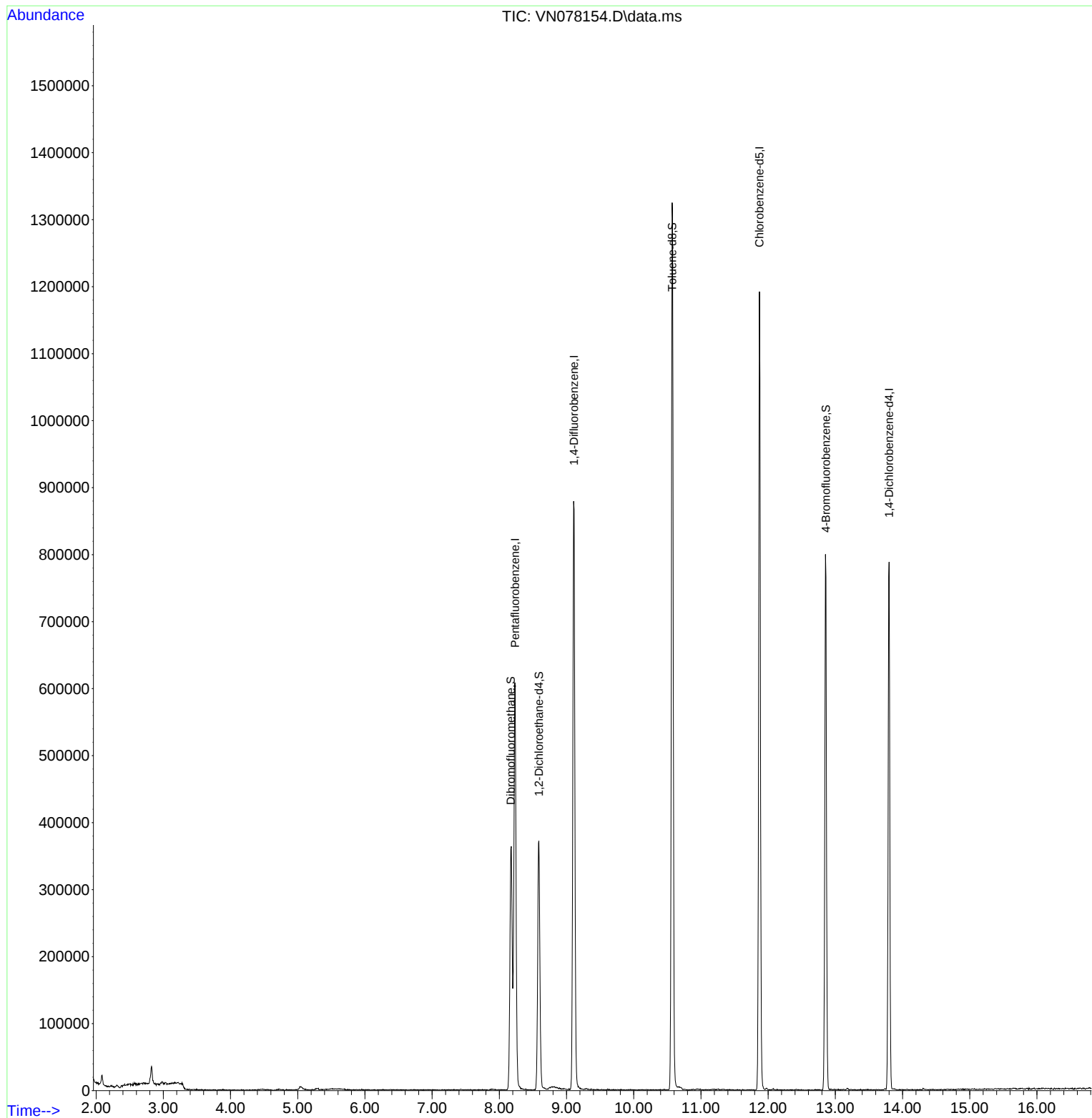
Target Compounds	Qvalue

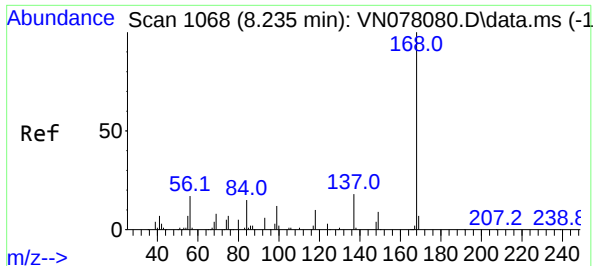
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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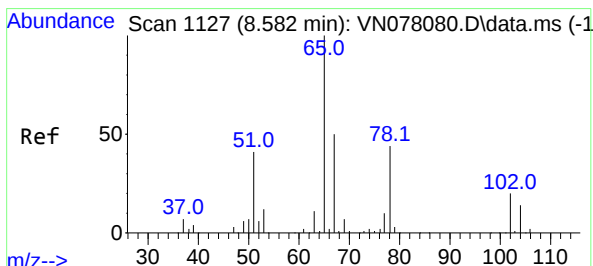
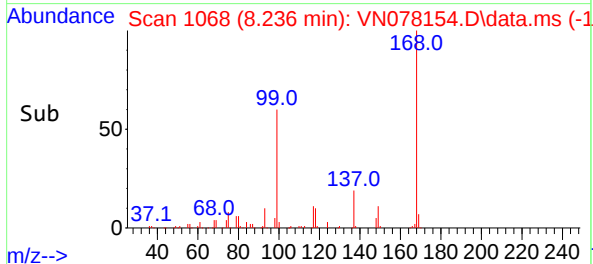
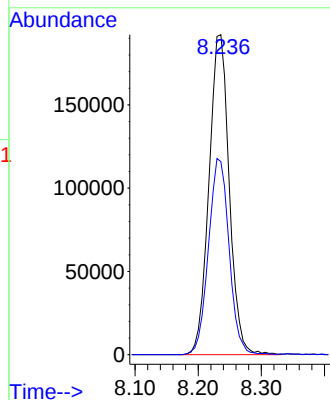
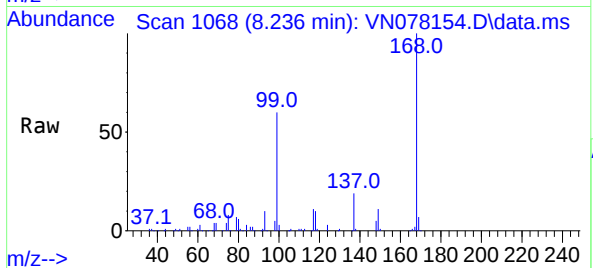




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

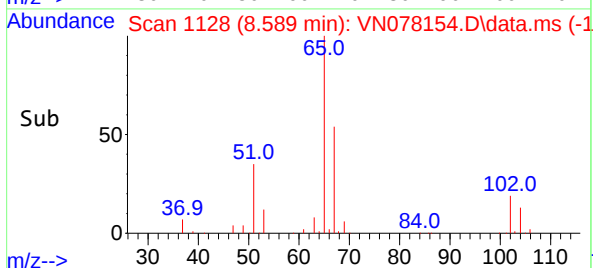
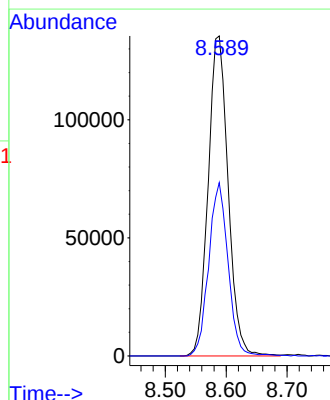
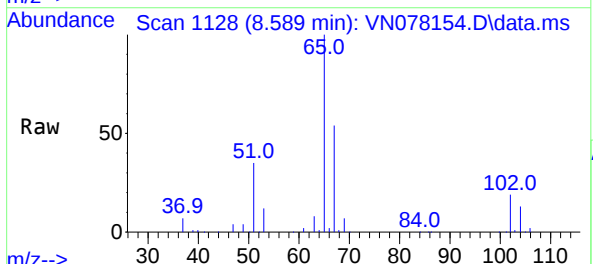
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

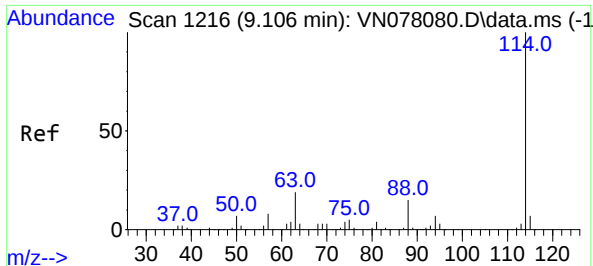
Tgt Ion:168 Resp: 428180
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.081 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Tgt Ion: 65 Resp: 308744
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

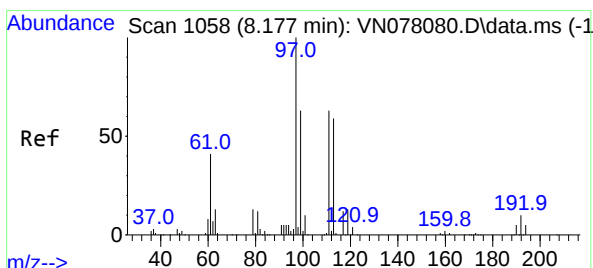
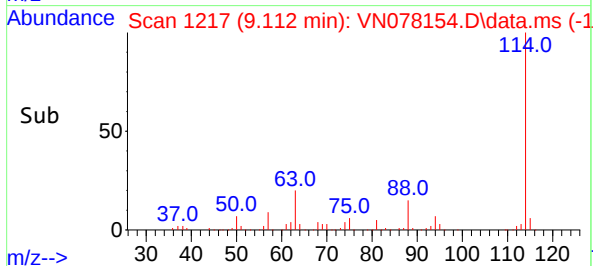
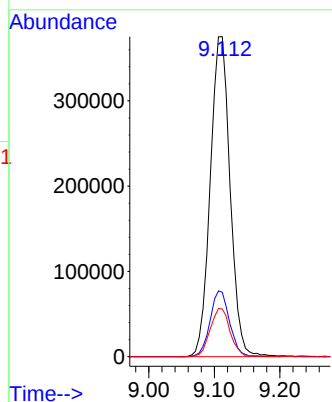
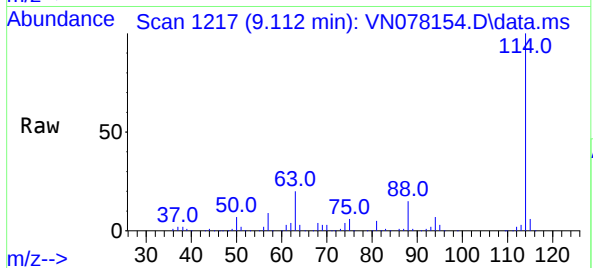
Tgt Ion:114 Resp: 787722

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.423 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078154.D

Acq: 09 Jun 2023 18:35

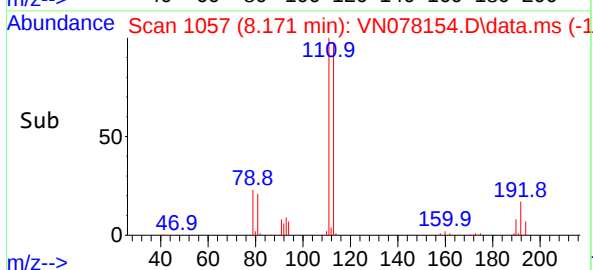
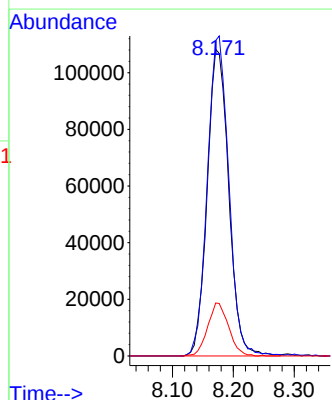
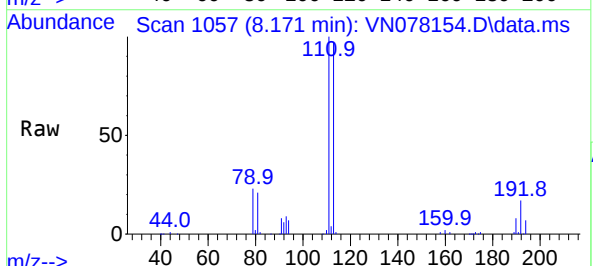
Tgt Ion:113 Resp: 266081

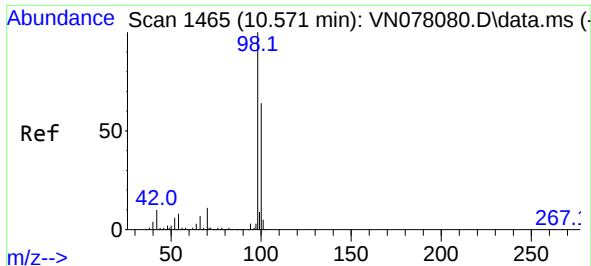
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.8 12.7 19.1

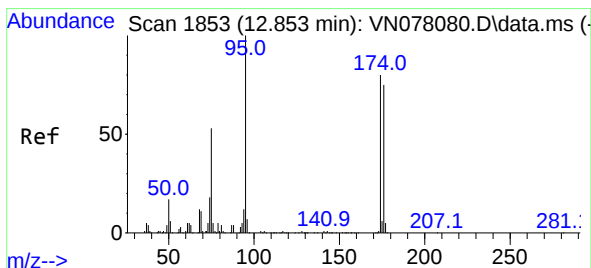
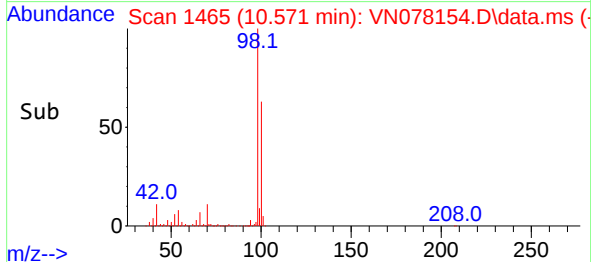
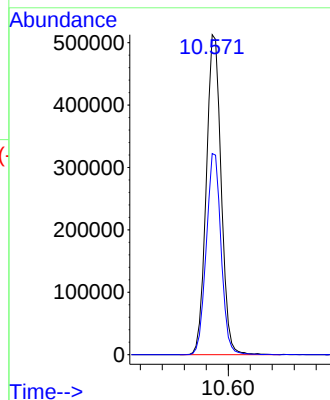
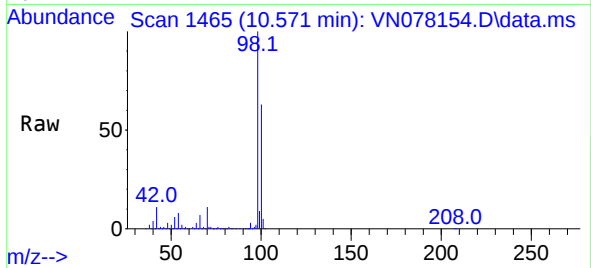




#50
Toluene-d8
Concen: 50.139 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

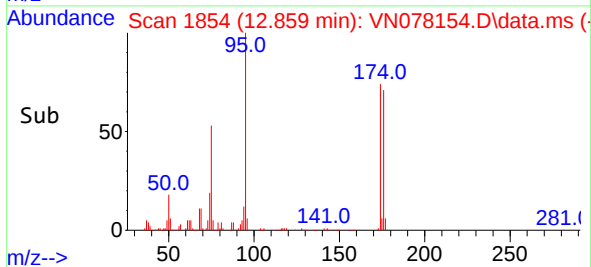
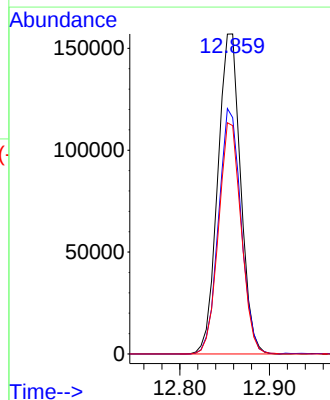
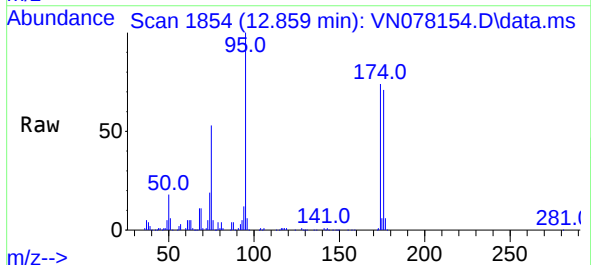
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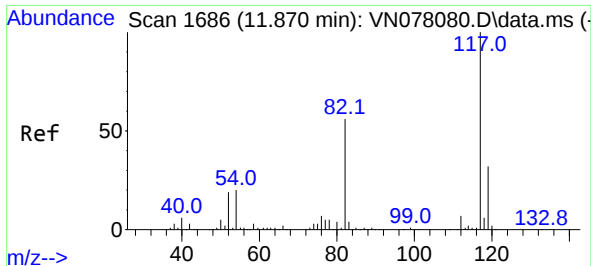
Tgt Ion: 98 Resp: 962713
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.487 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Tgt Ion: 95 Resp: 277488
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.4 0.0 135.8

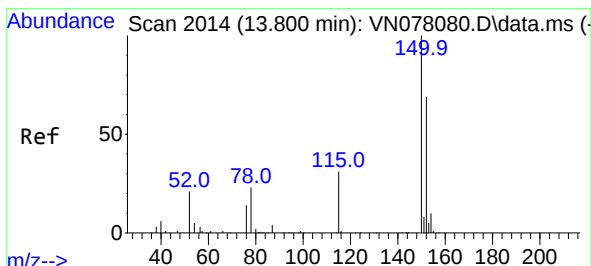
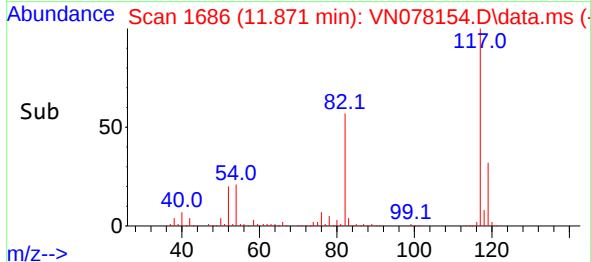
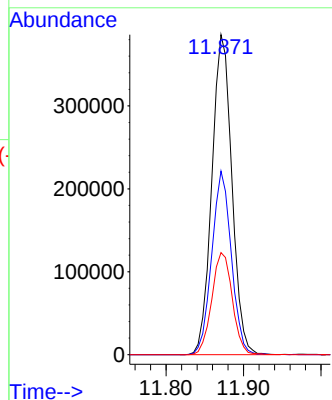
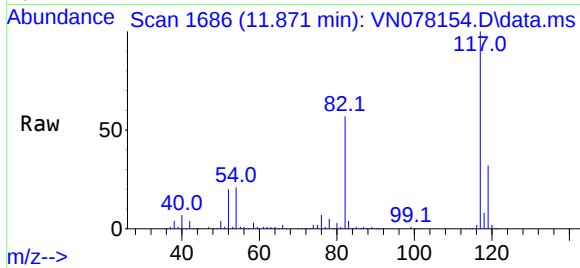




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 693225
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078154.D
Acq: 09 Jun 2023 18:35

Tgt Ion:152 Resp: 212632
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 155.6 0.0 355.8

