

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078177.D
 Acq On : 13 Jun 2023 10:30
 Operator : JC\MD
 Sample : VN0613MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBL01

Quant Time: Jun 14 02:15:52 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	8.235	168	466585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	863332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	748191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	230867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	332202	53.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.800%
35) Dibromofluoromethane	8.177	113	293844	53.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.660%
50) Toluene-d8	10.570	98	1003867	47.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.853	95	307025	46.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%

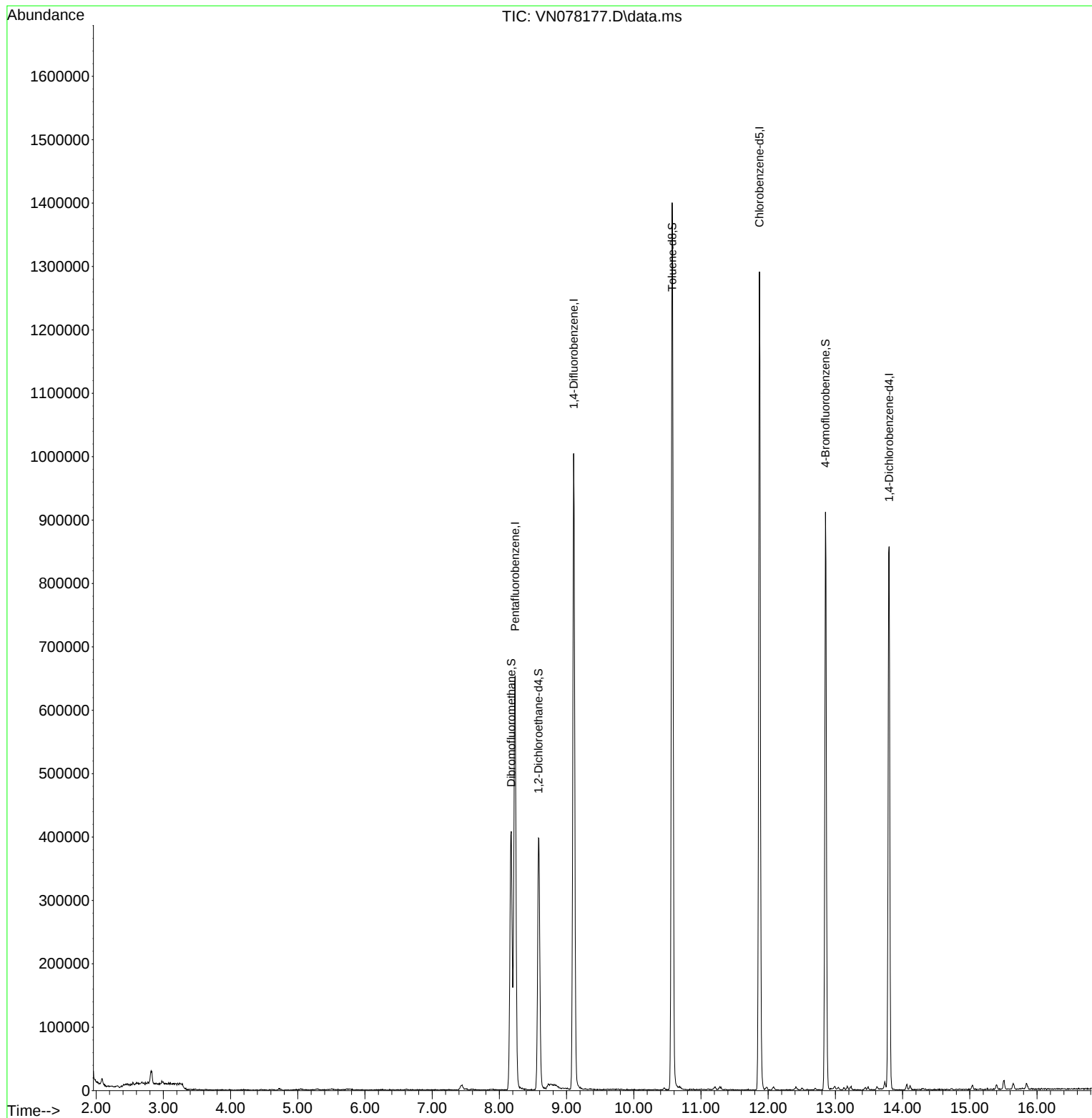
Target Compounds	Qvalue

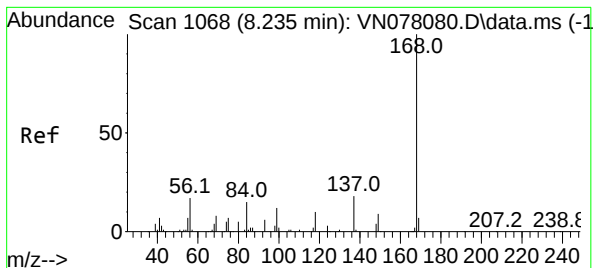
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1106

Delta R.T. 0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

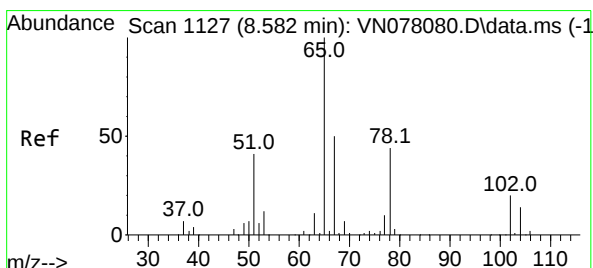
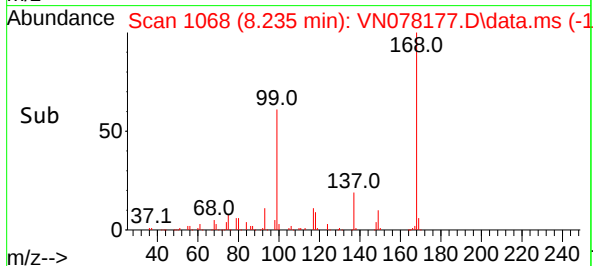
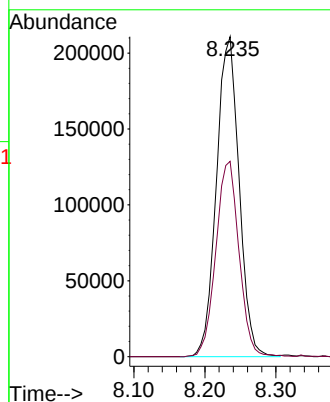
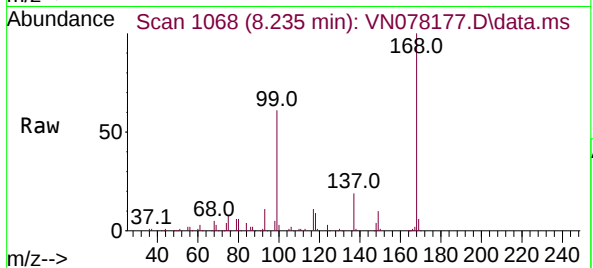
VN0613MBL01

Tgt Ion:168 Resp: 466585

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078177.D

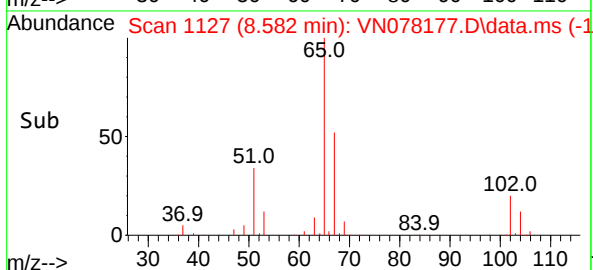
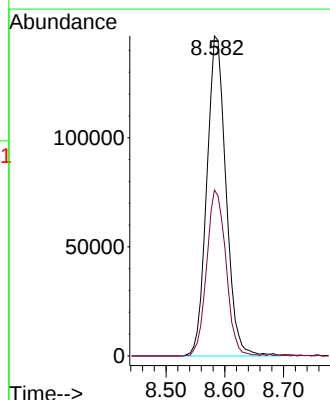
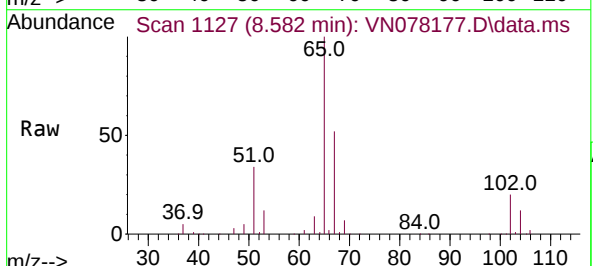
Acq: 13 Jun 2023 10:30

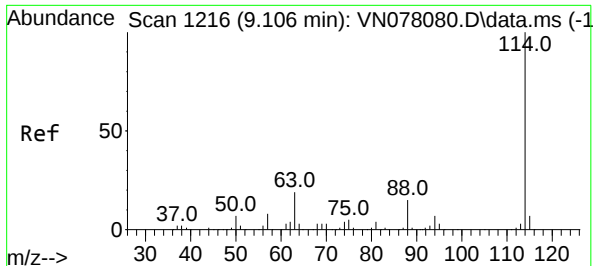
Tgt Ion: 65 Resp: 332202

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6

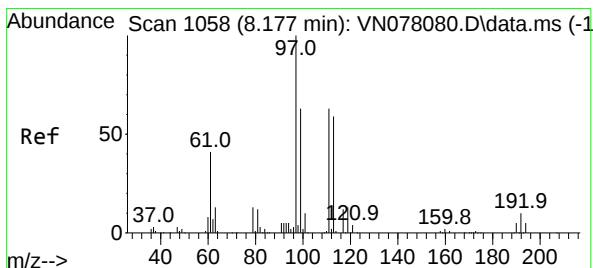
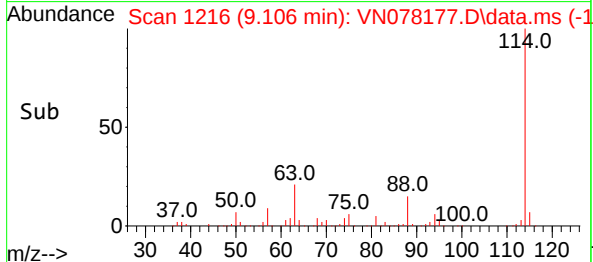
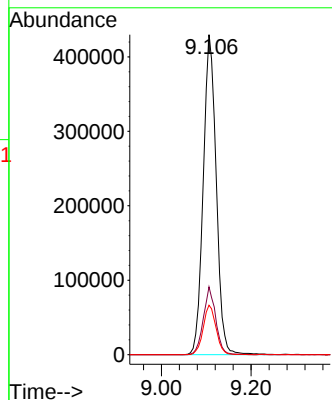
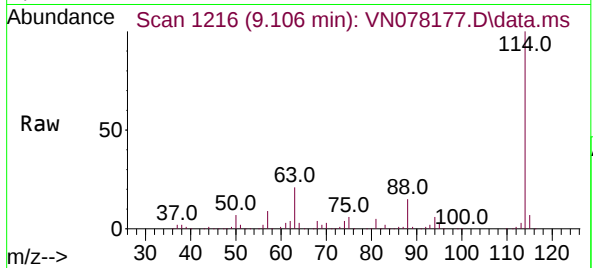




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078177.D
Acq: 13 Jun 2023 10:30

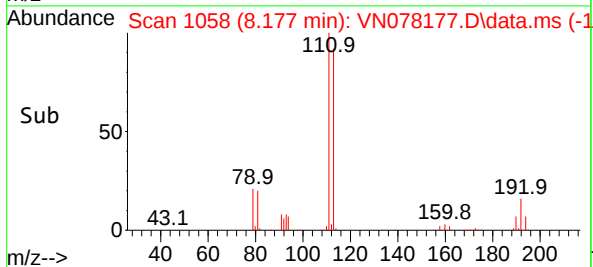
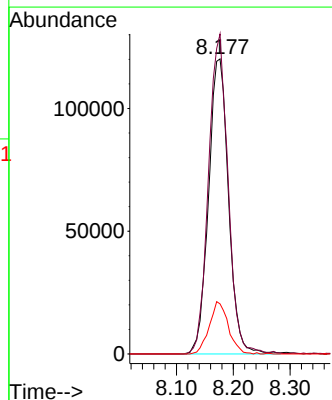
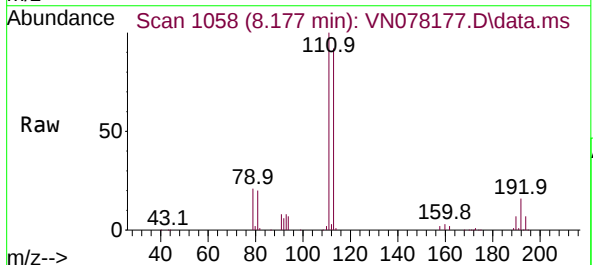
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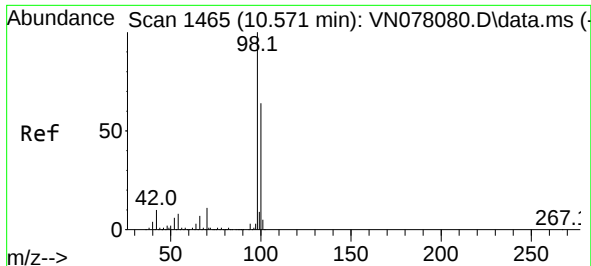
Tgt Ion:114 Resp: 863332
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.830 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078177.D
Acq: 13 Jun 2023 10:30

Tgt Ion:113 Resp: 293844
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 16.8 12.7 19.1

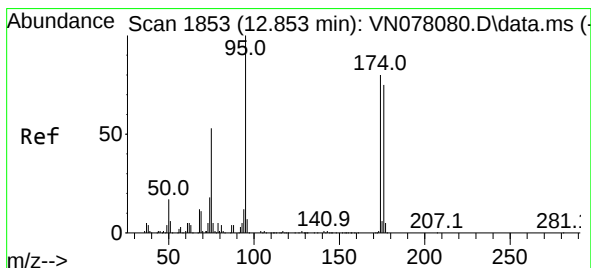
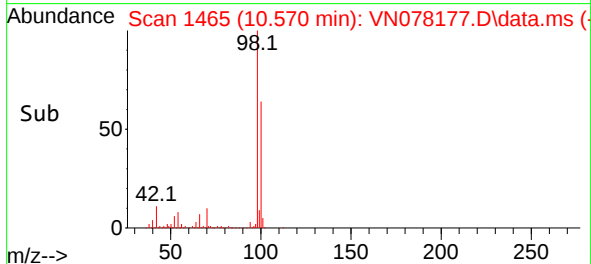
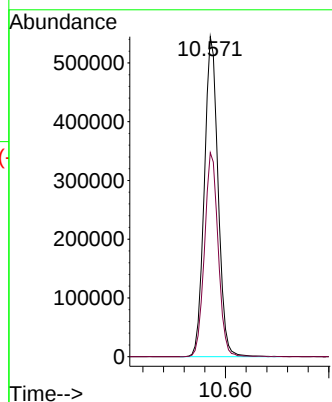
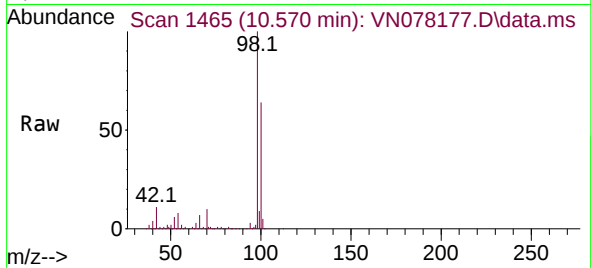




#50
Toluene-d8
Concen: 47.703 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078177.D
Acq: 13 Jun 2023 10:30

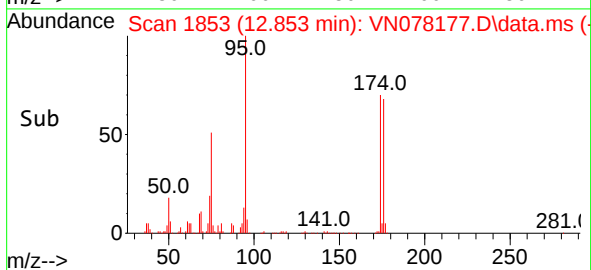
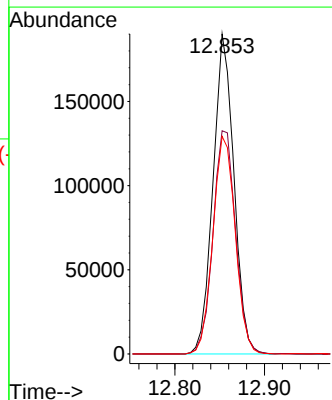
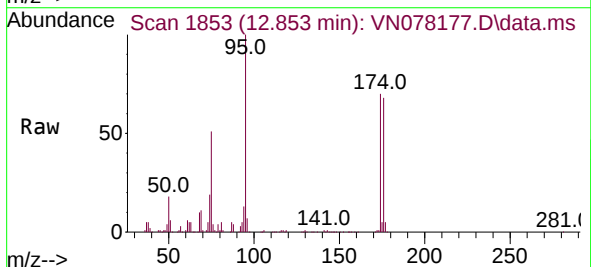
Instrument :
MSVOA_N
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VN0613MBL01

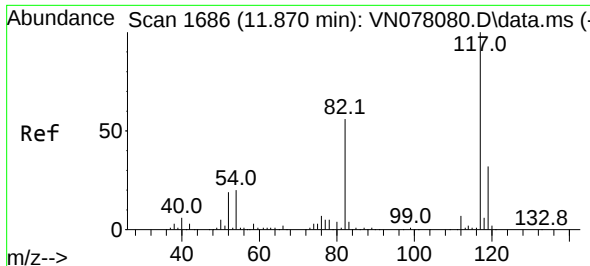
Tgt Ion: 98 Resp: 1003867
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.931 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078177.D
Acq: 13 Jun 2023 10:30

Tgt Ion: 95 Resp: 307025
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.9 0.0 135.8

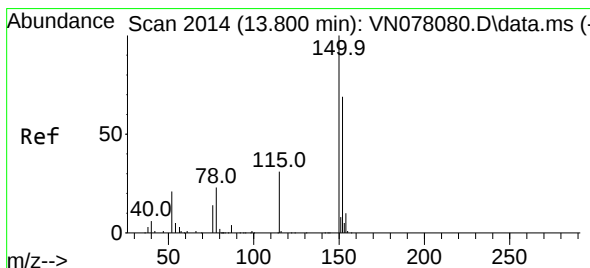
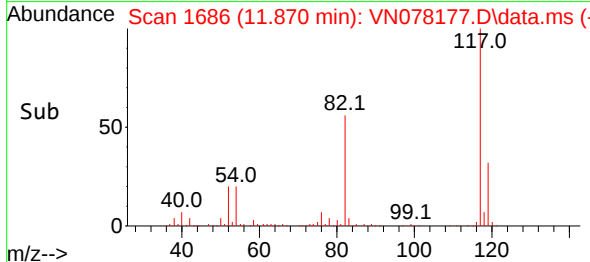
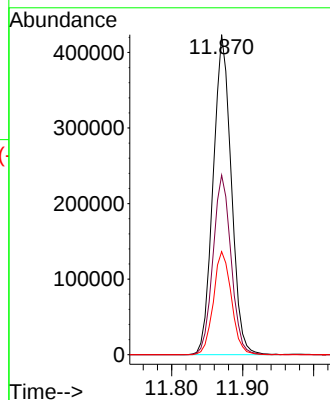
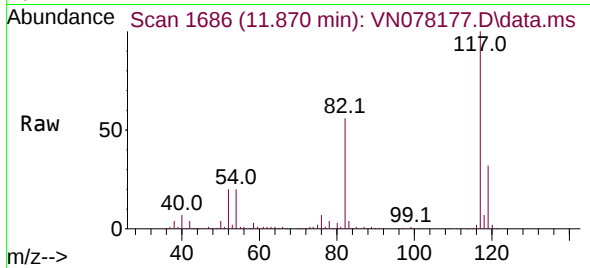




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078177.D
Acq: 13 Jun 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

Tgt Ion:117 Resp: 748191
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.2 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: VN078177.D
Acq: 13 Jun 2023 10:30

Tgt Ion:152 Resp: 230867
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 159.1 0.0 355.8

