

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078660.D
 Acq On : 27 Jul 2023 14:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 28 01:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	445469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	792596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	738816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287566	48.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.300%
35) Dibromofluoromethane	8.177	113	284127	52.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.620%
50) Toluene-d8	10.576	98	948728	46.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.853	95	312165	49.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%

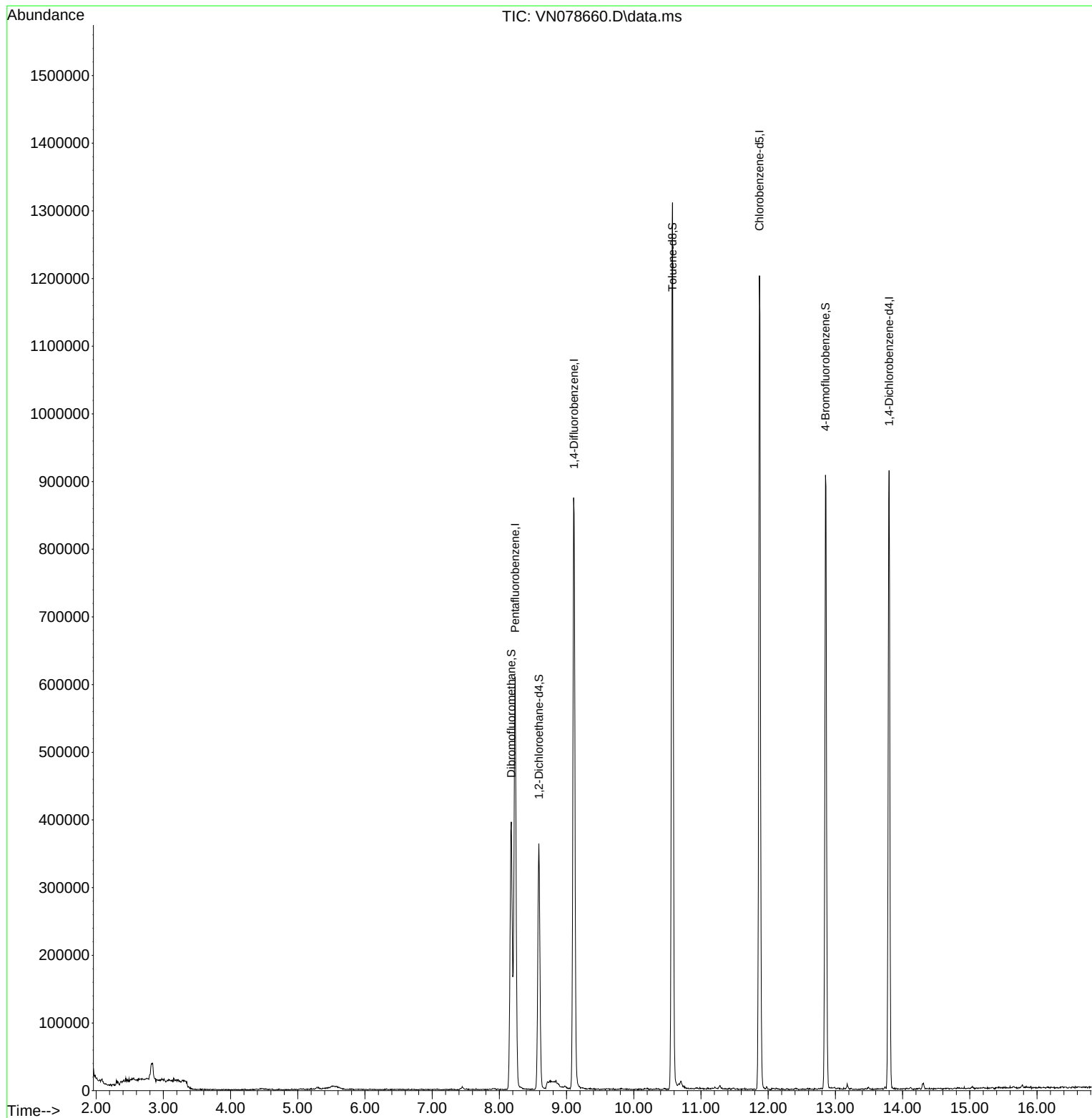
Target Compounds	Qvalue

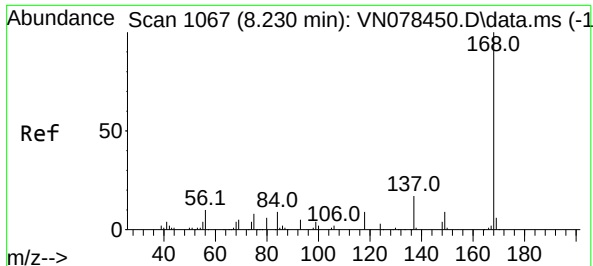
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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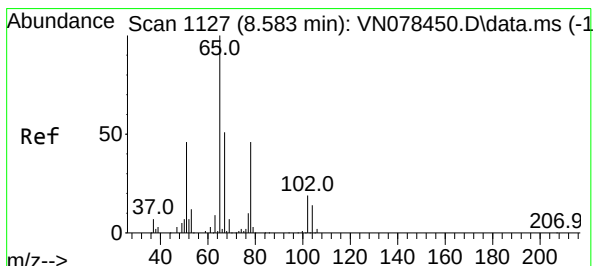
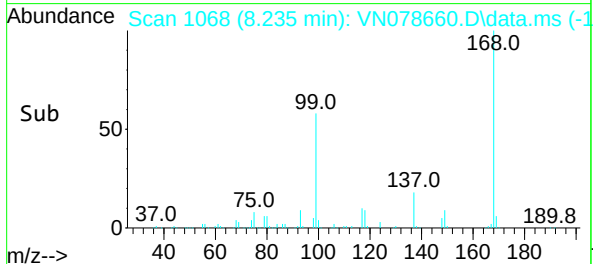
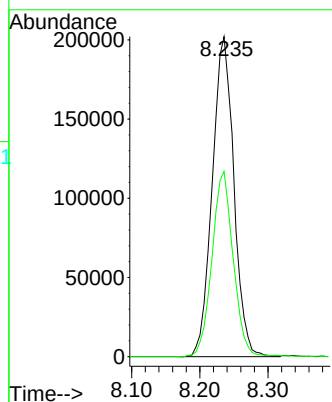
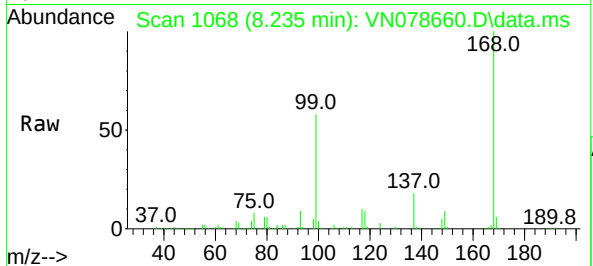




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

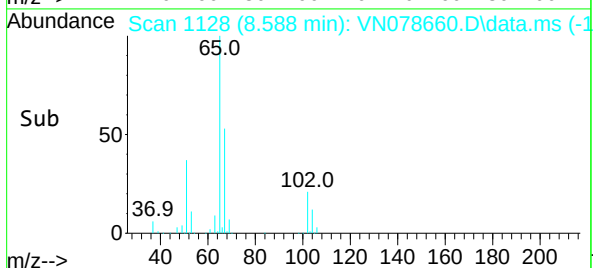
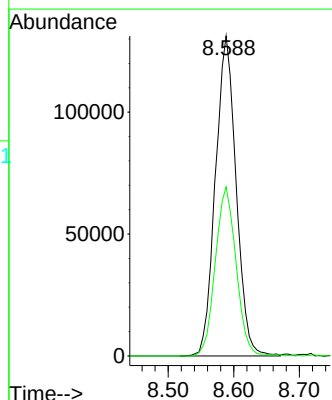
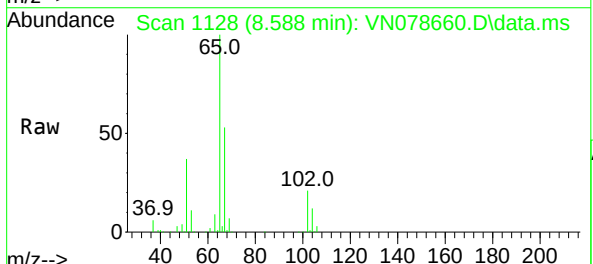
Instrument :
MSVOA_N
ClientSampleId :
IBLK

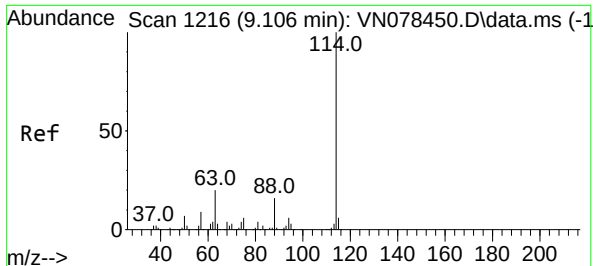
Tgt Ion:168 Resp: 445469
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.152 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

Tgt Ion: 65 Resp: 287566
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

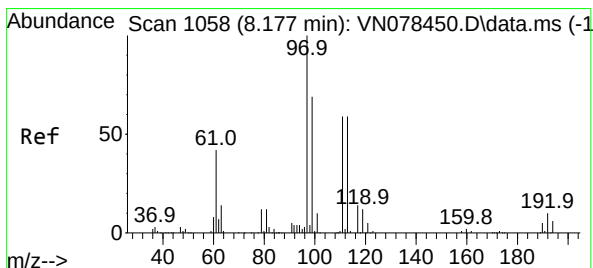
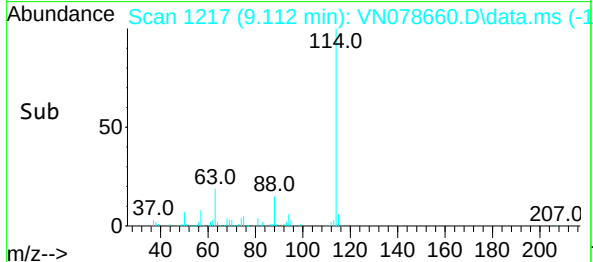
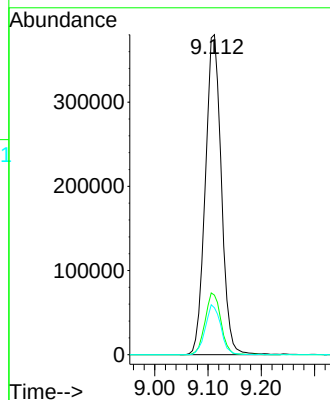
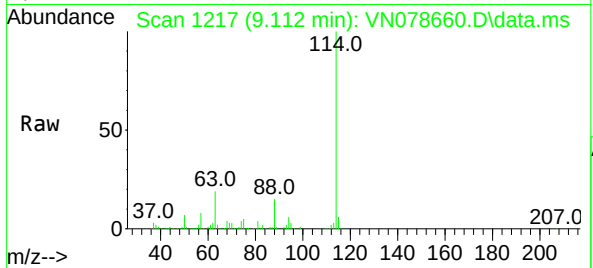




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

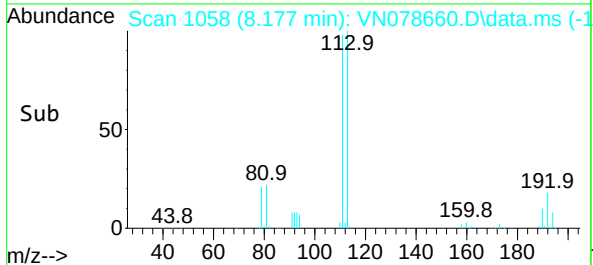
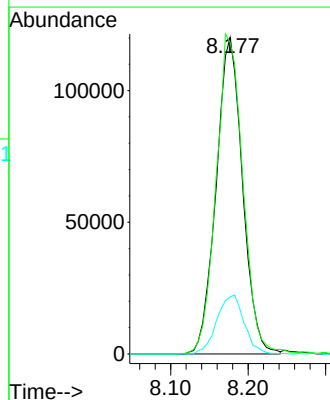
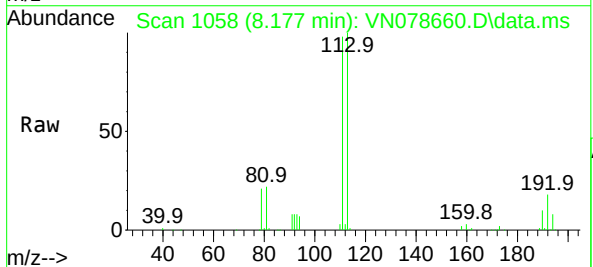
Instrument :
MSVOA_N
ClientSampleId :
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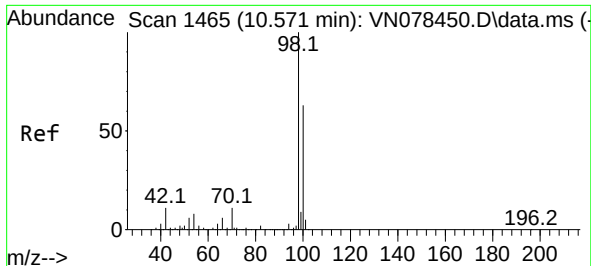
Tgt Ion:114 Resp: 792596
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.808 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

Tgt Ion:113 Resp: 284127
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.3 12.7 19.1#

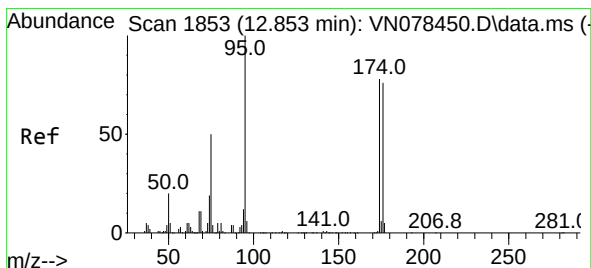
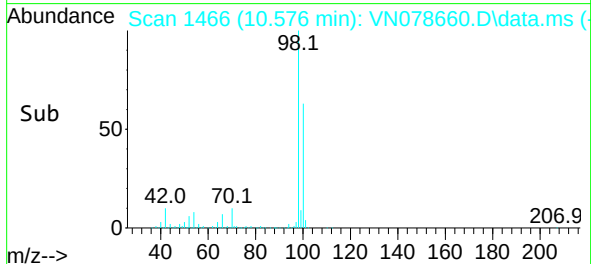
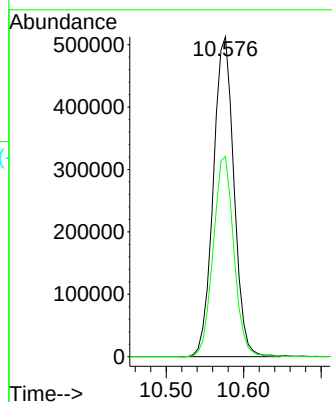
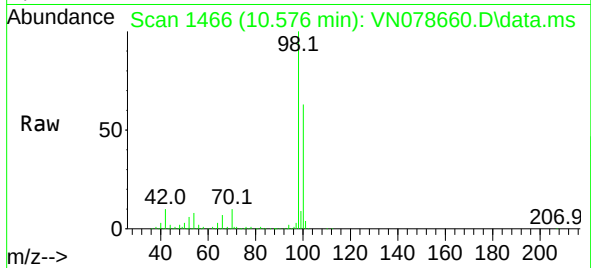




#50
Toluene-d8
Concen: 46.677 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

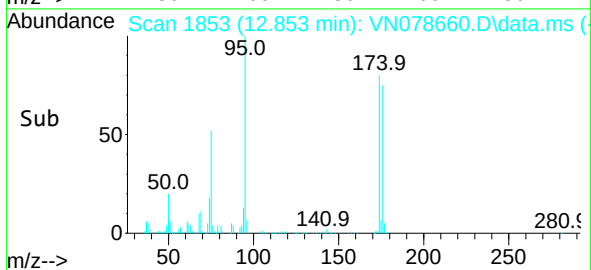
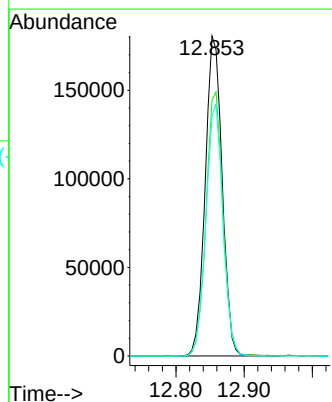
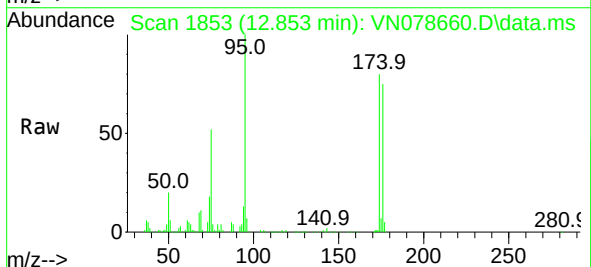
Instrument :
MSVOA_N
ClientSampleId :
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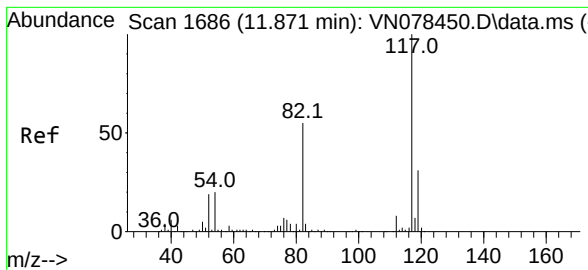
Tgt Ion: 98 Resp: 948728
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

Tgt Ion: 95 Resp: 312165
Ion Ratio Lower Upper
95 100
174 82.4 0.0 143.8
176 78.8 0.0 135.8

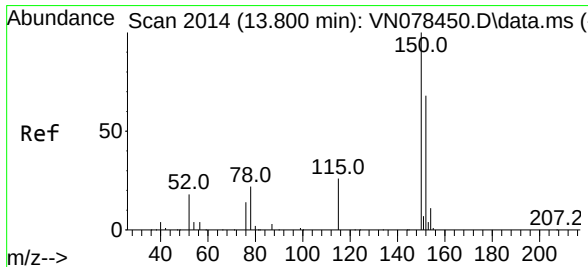
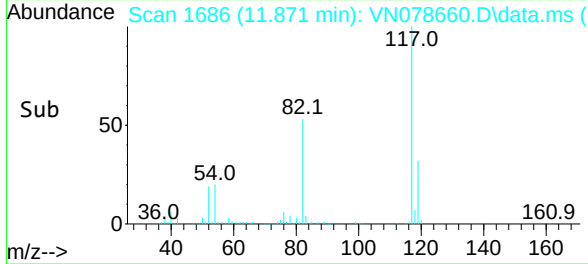
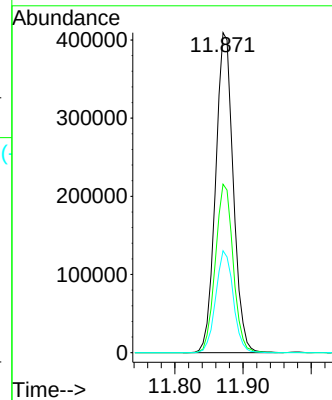
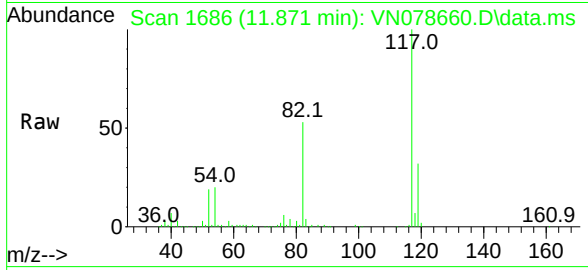




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078660.D
Acq: 27 Jul 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 738816
Ion Ratio Lower Upper
117 100
82 52.6 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: VN078660.D
Acq: 27 Jul 2023 14:09

Tgt Ion:152 Resp: 258580
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 154.9 0.0 355.8

