

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078597.D
 Acq On : 20 Jul 2023 16:45
 Operator : JC\MD
 Sample : 03706-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 21 06:17:46 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	8.230	168	429465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	702101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	284842	49.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.940%
35) Dibromofluoromethane	8.171	113	279740	54.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.060%
50) Toluene-d8	10.571	98	910475	46.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.853	95	296344	49.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%

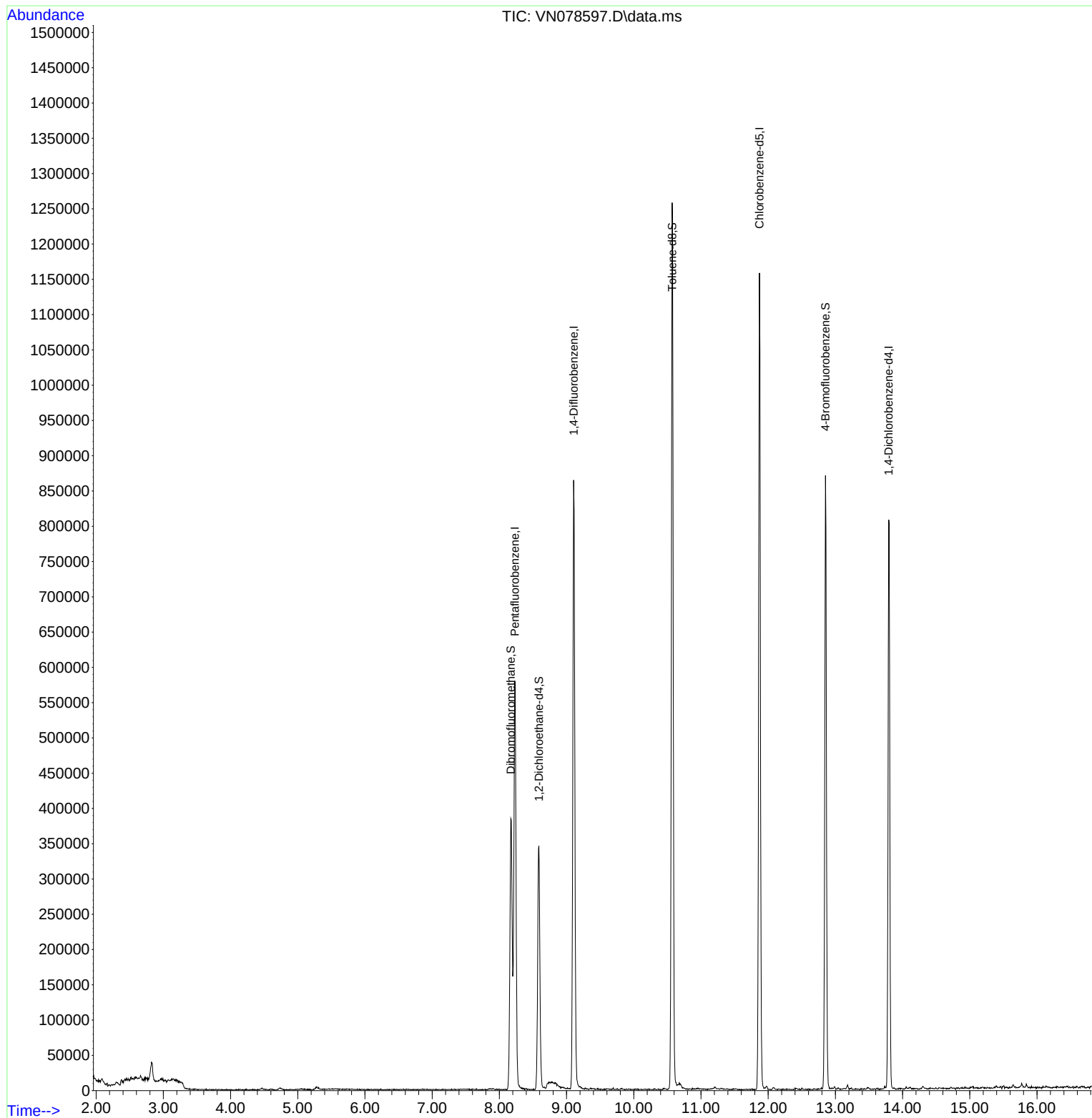
Target Compounds	Qvalue

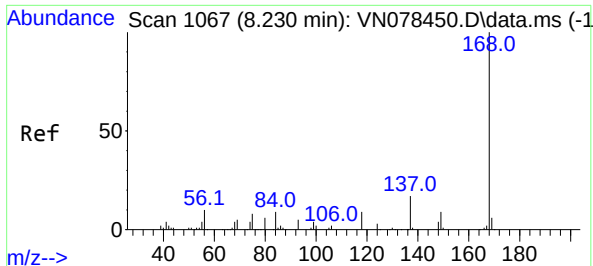
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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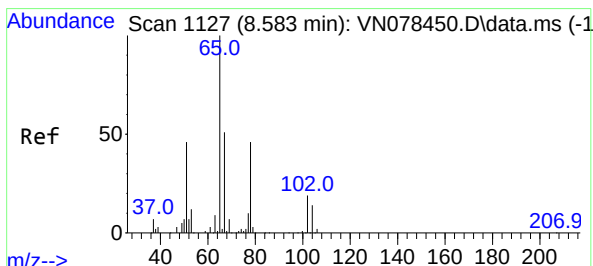
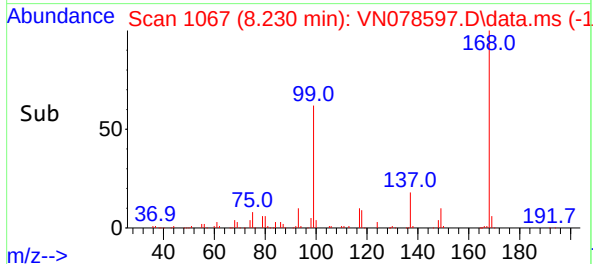
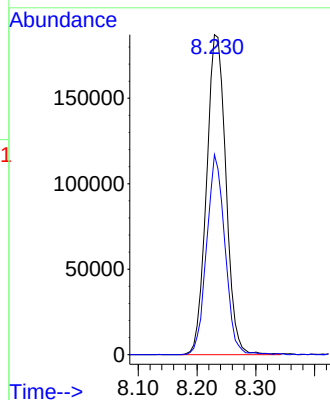
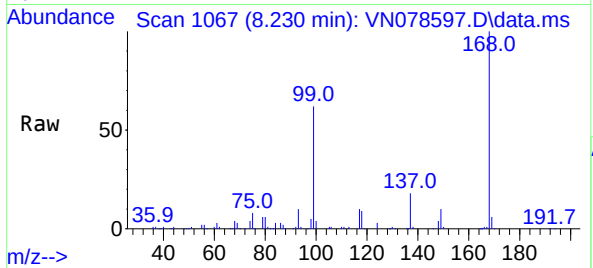




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

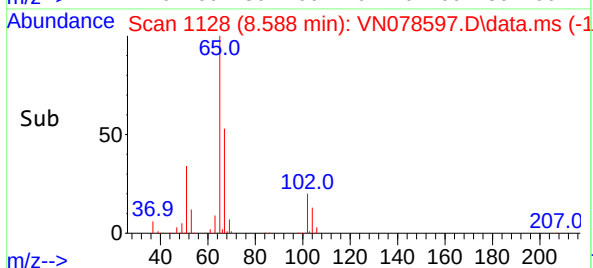
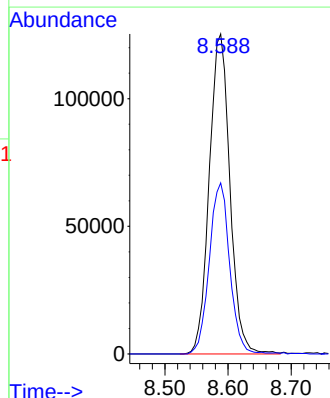
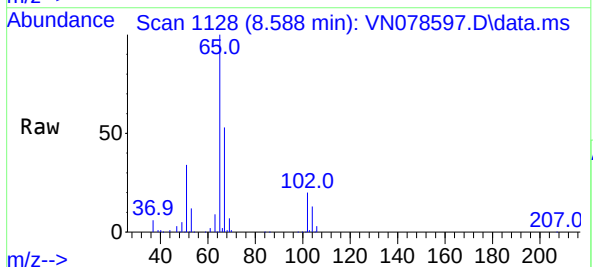
Instrument :
MSVOA_N
ClientSampleId :
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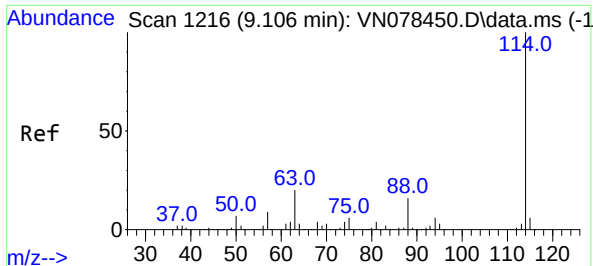
Tgt Ion:168 Resp: 429465
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.474 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

Tgt Ion: 65 Resp: 284842
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

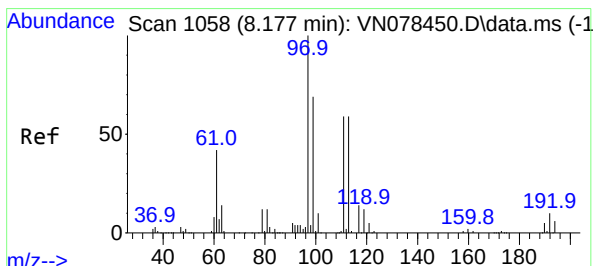
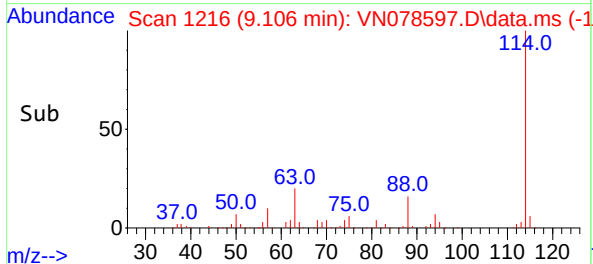
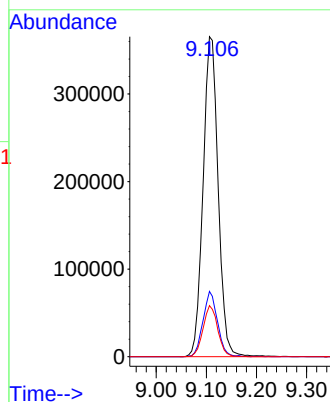
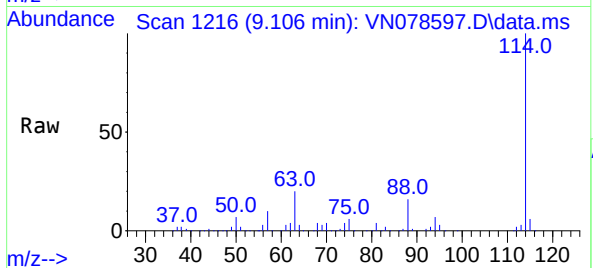




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

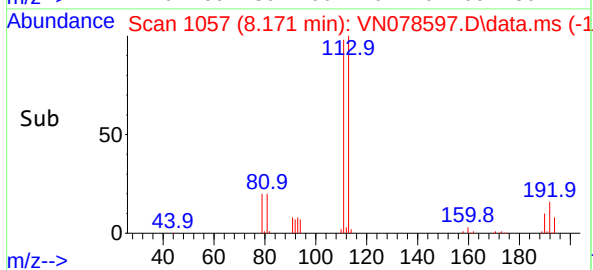
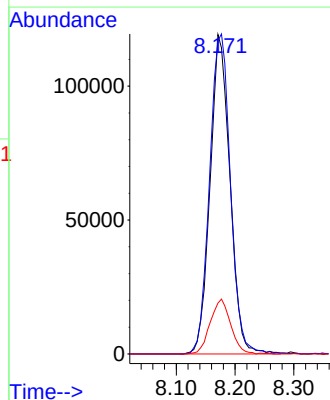
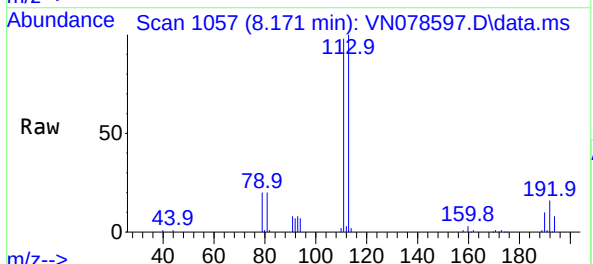
Instrument :
MSVOA_N
ClientSampleId :
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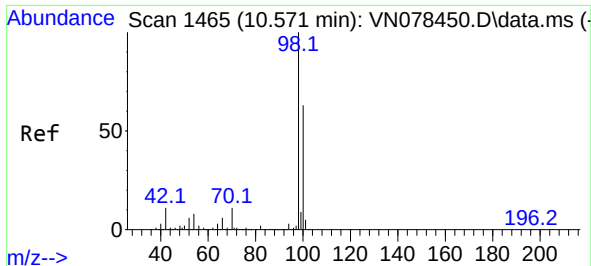
Tgt Ion:114 Resp: 762661
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.033 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

Tgt Ion:113 Resp: 279740
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 17.7 12.7 19.1

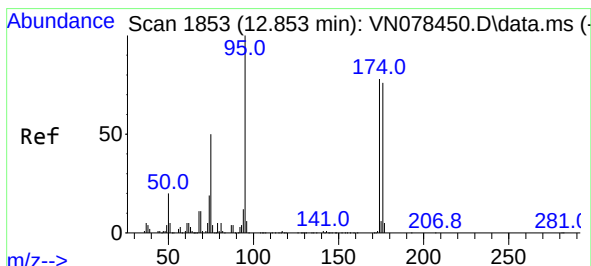
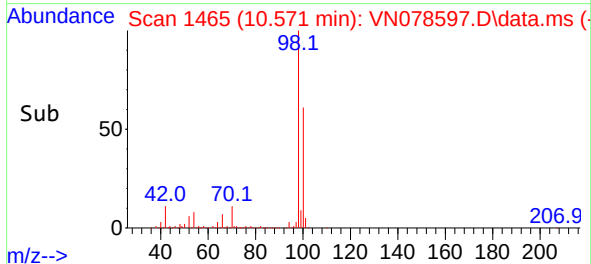
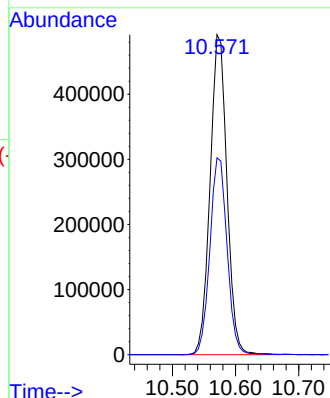
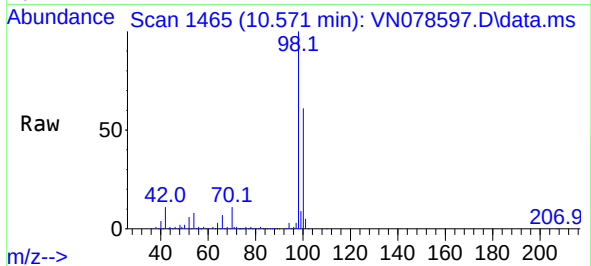




#50
Toluene-d8
Concen: 46.553 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

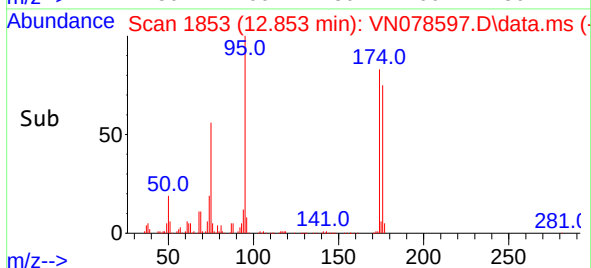
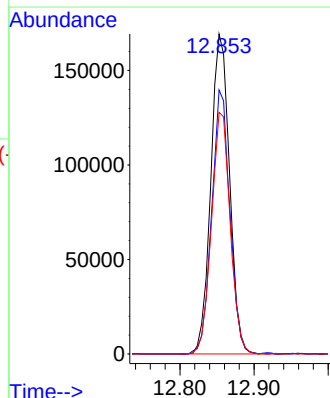
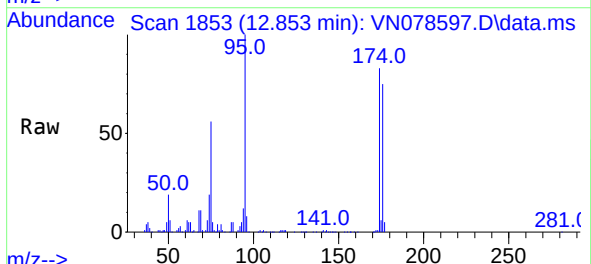
Instrument :
MSVOA_N
ClientSampleId :
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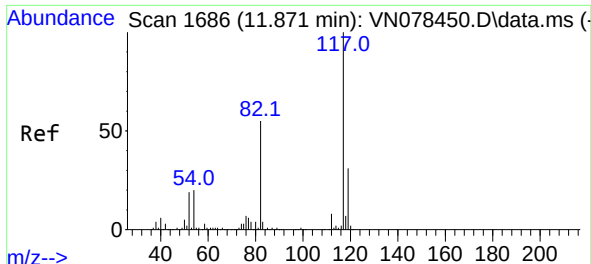
Tgt Ion: 98 Resp: 910475
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.192 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

Tgt Ion: 95 Resp: 296344
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 75.7 0.0 135.8

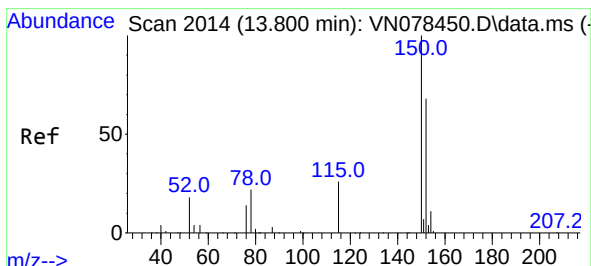
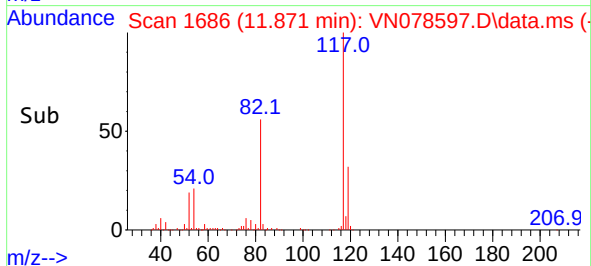
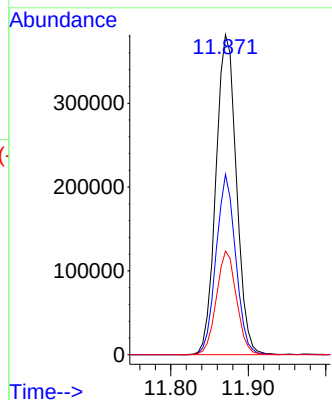
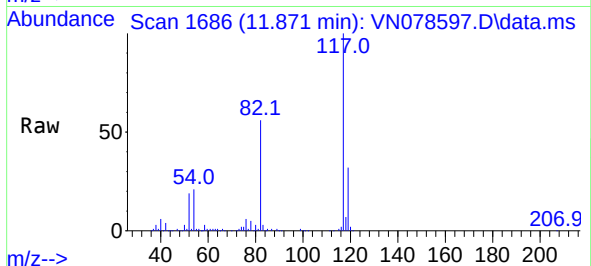




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078597.D
Acq: 20 Jul 2023 16:45

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 702101
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.4 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: VN078597.D
Acq: 20 Jul 2023 16:45

Tgt Ion:152 Resp: 229018
Ion Ratio Lower Upper
152 100
115 59.0 32.3 96.8
150 156.5 0.0 355.8

