

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080023.D
 Acq On : 09 Nov 2023 15:35
 Operator : JC\MD
 Sample : VN1109WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBL01

Quant Time: Nov 10 00:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	339416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	662156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260053	50.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.580%
35) Dibromofluoromethane	8.171	113	232046	49.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.571	98	811805	47.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.853	95	278125	48.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%

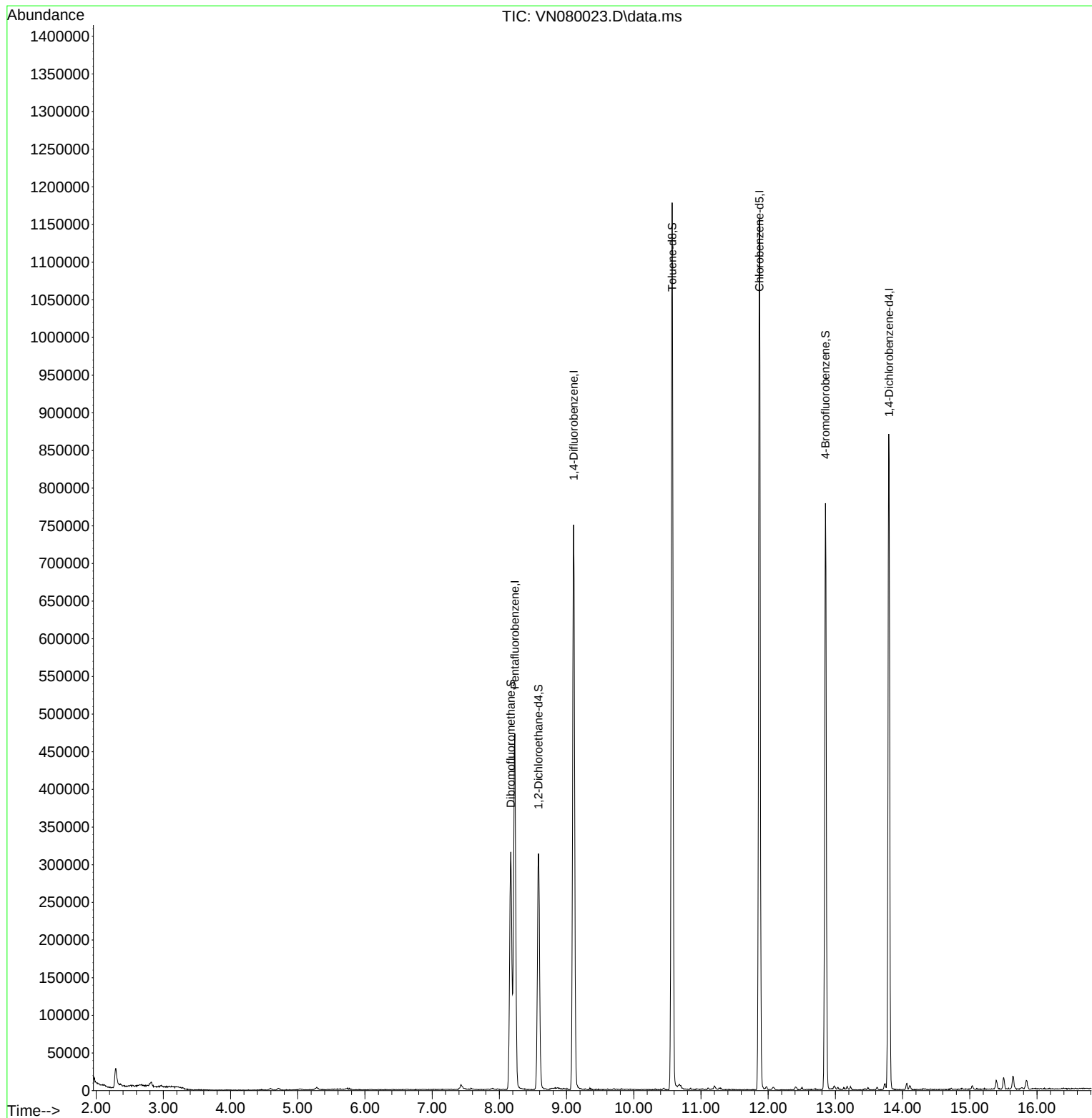
Target Compounds	Qvalue

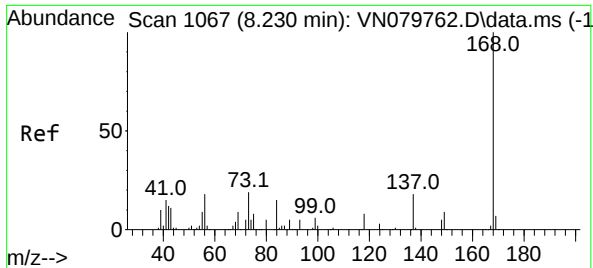
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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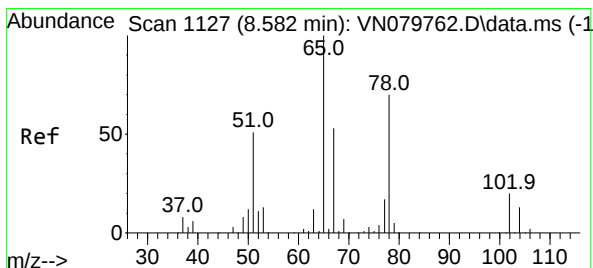
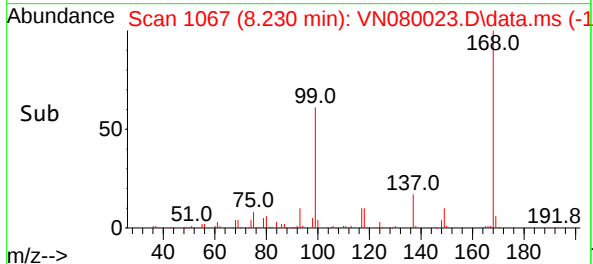
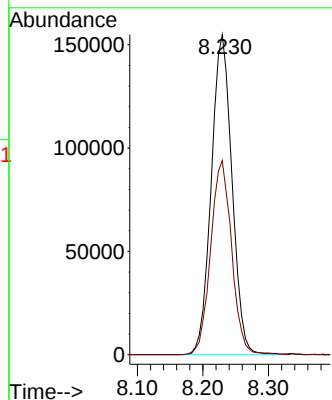
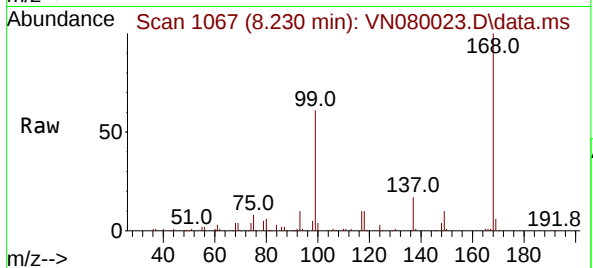




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

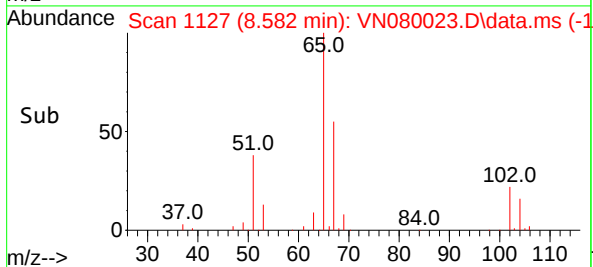
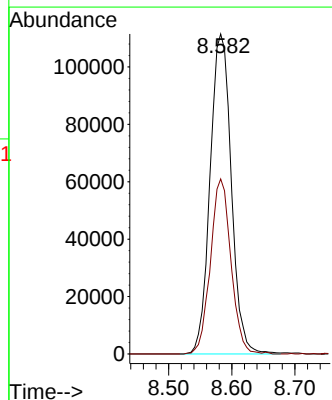
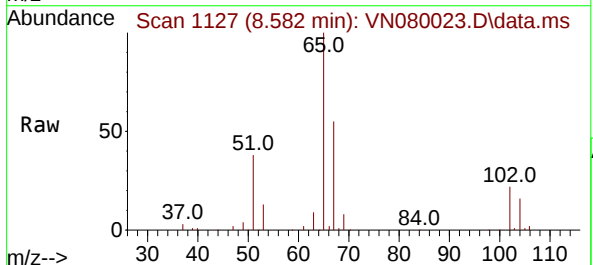
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBL01

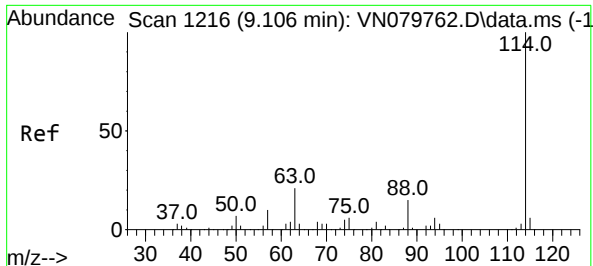
Tgt Ion:168 Resp: 339416
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.290 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

Tgt Ion: 65 Resp: 260053
Ion Ratio Lower Upper
65 100
67 52.9 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: VN080023.D

Acq: 09 Nov 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBL01

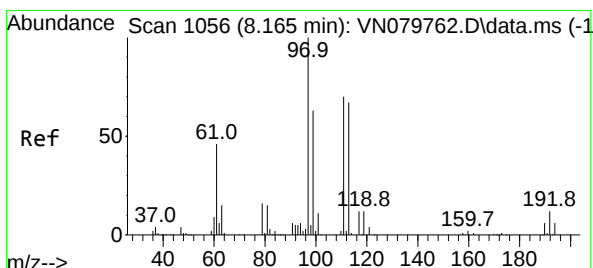
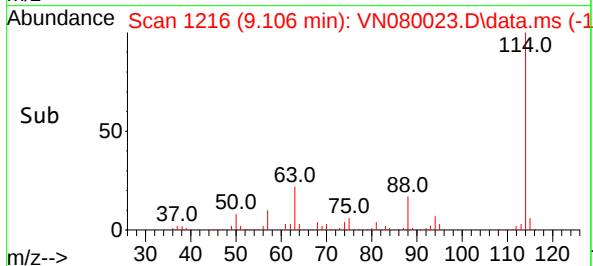
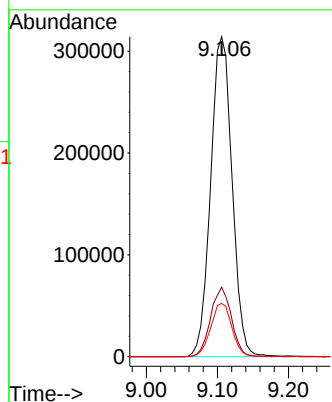
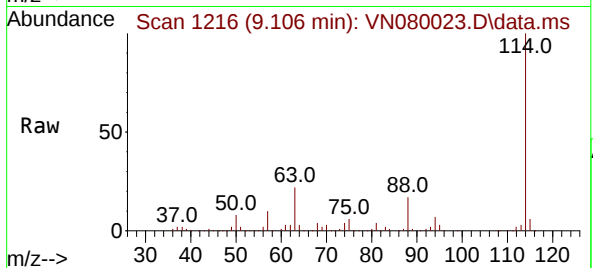
Tgt Ion:114 Resp: 658135

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.817 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080023.D

Acq: 09 Nov 2023 15:35

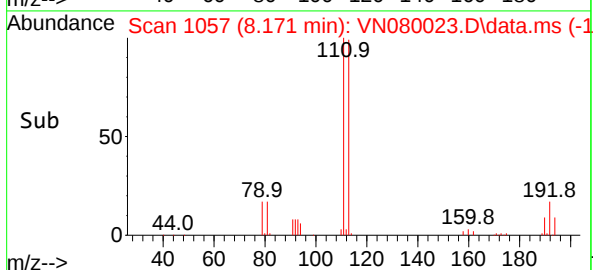
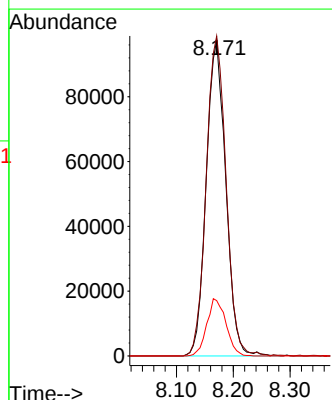
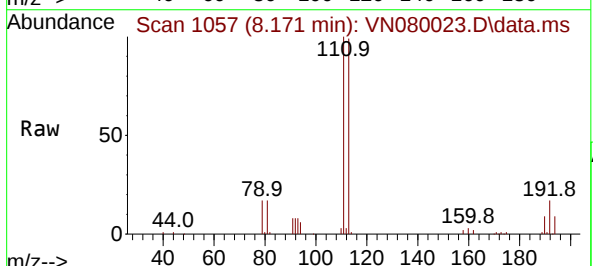
Tgt Ion:113 Resp: 232046

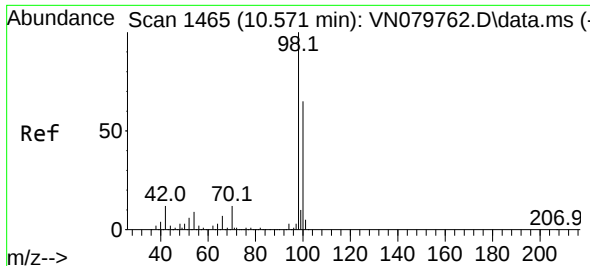
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.8 12.7 19.1

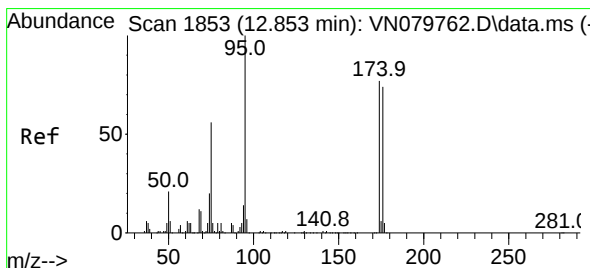
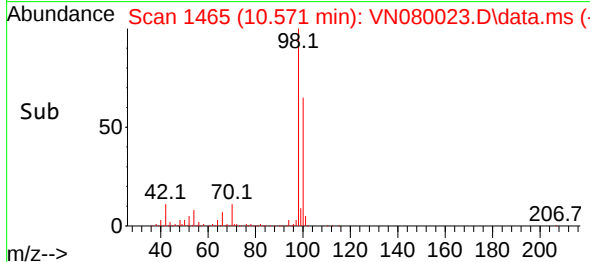
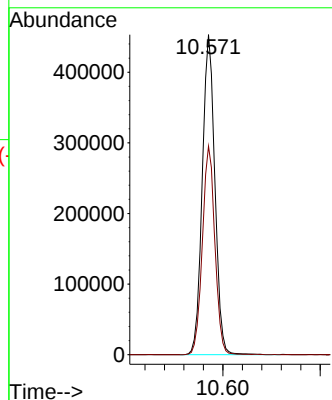
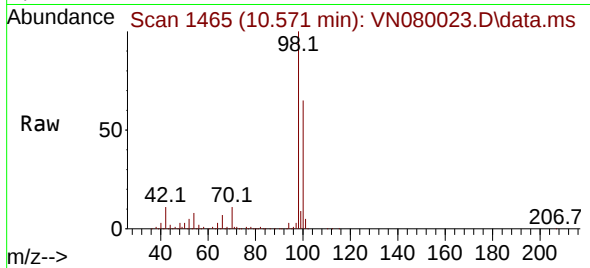




#50
Toluene-d8
Concen: 47.342 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

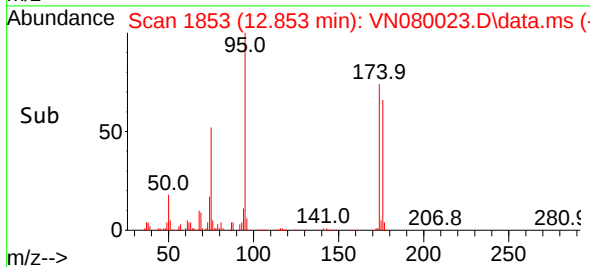
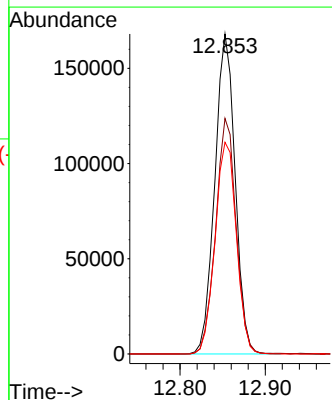
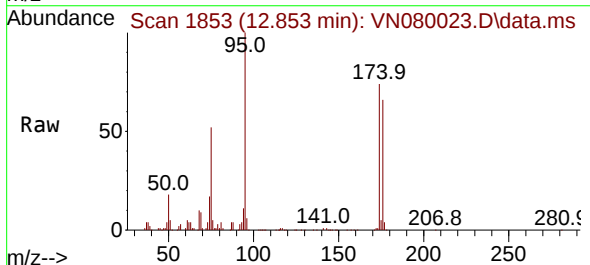
Instrument :
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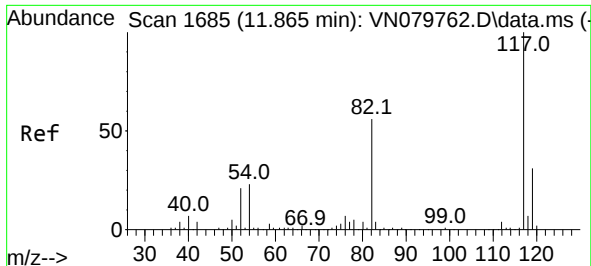
Tgt Ion: 98 Resp: 811805
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.905 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

Tgt Ion: 95 Resp: 278125
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 69.5 0.0 135.8

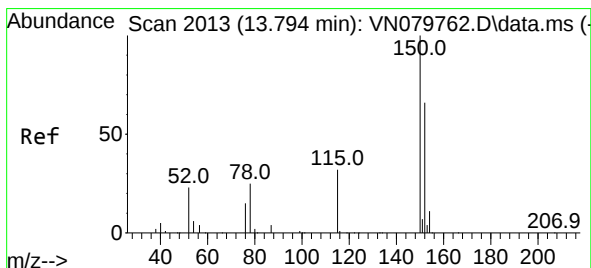
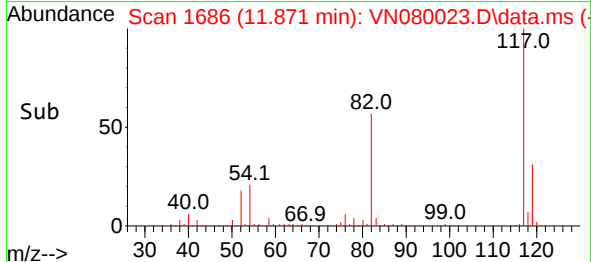
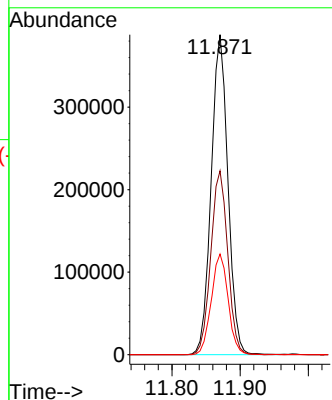
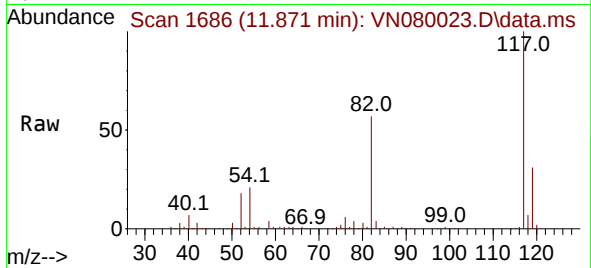




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBL01

Tgt Ion:117 Resp: 662156
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN080023.D
Acq: 09 Nov 2023 15:35

Tgt Ion:152 Resp: 229600
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 158.0 0.0 355.8

