

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080238.D
 Acq On : 22 Nov 2023 11:09
 Operator : JC\MD
 Sample : VN1122WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBL01

Quant Time: Nov 23 00:15:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	153572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145249	57.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.560%
35) Dibromofluoromethane	8.171	113	112054	53.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.000%
50) Toluene-d8	10.571	98	373655	49.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	141471	50.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%

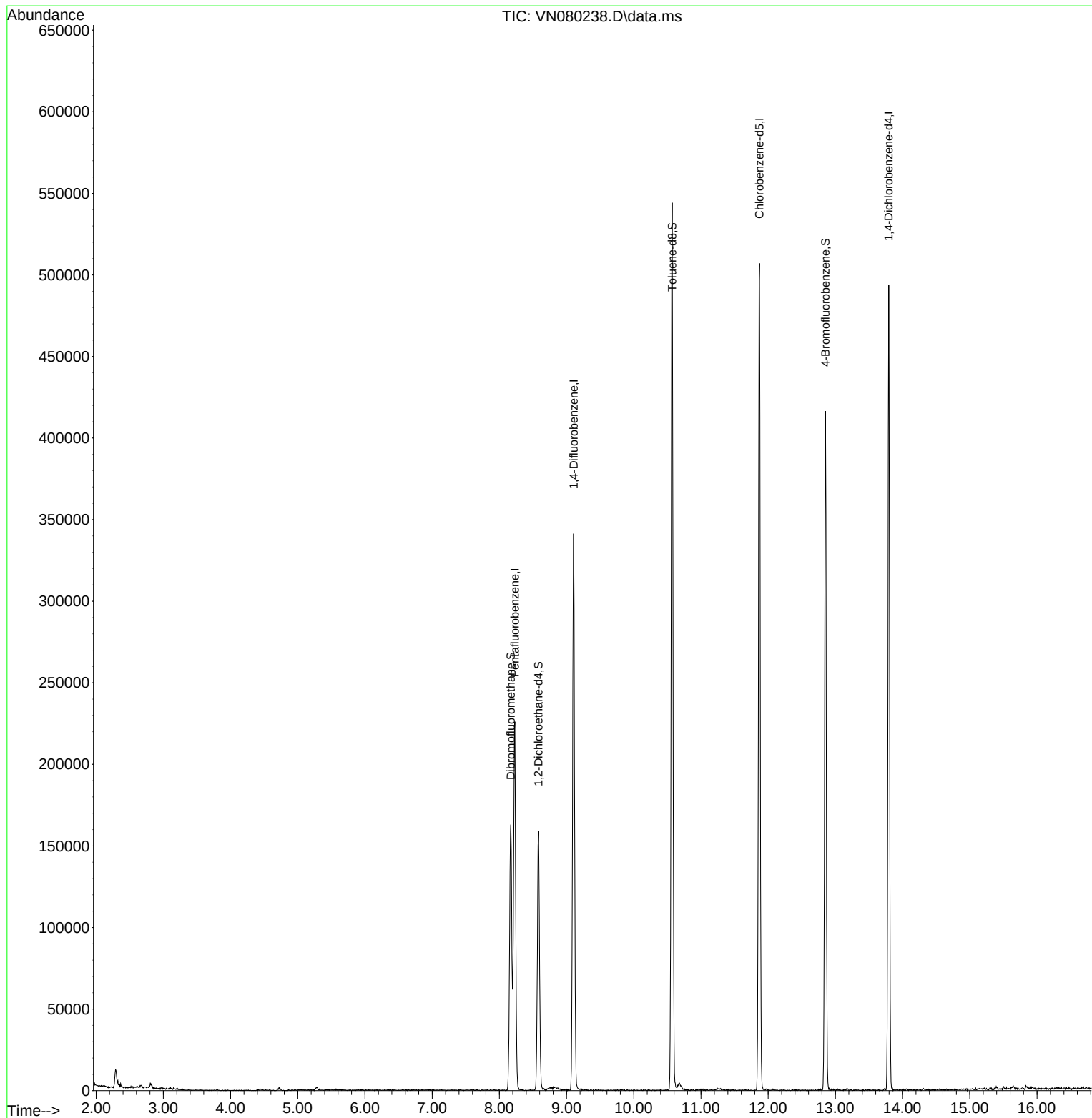
Target Compounds	Qvalue

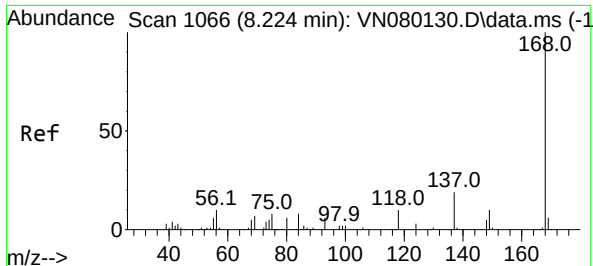
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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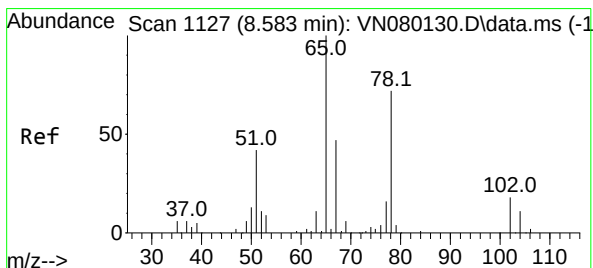
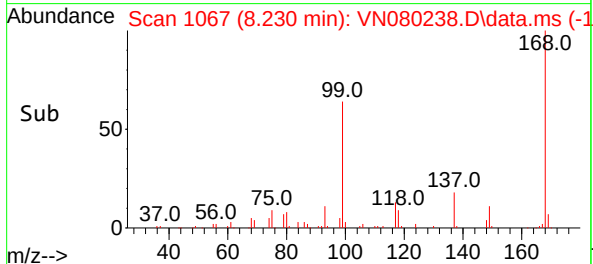
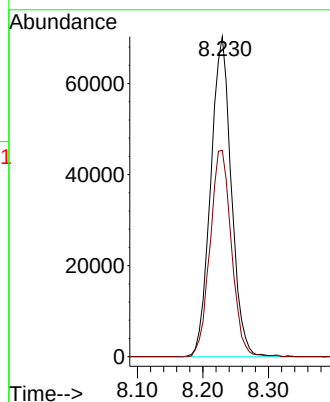
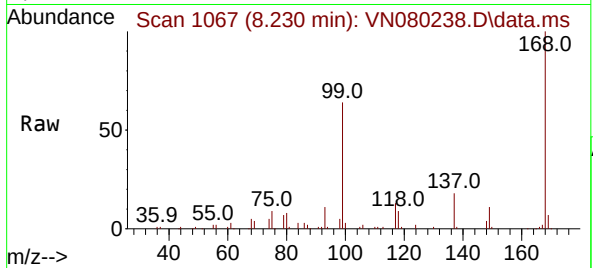




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

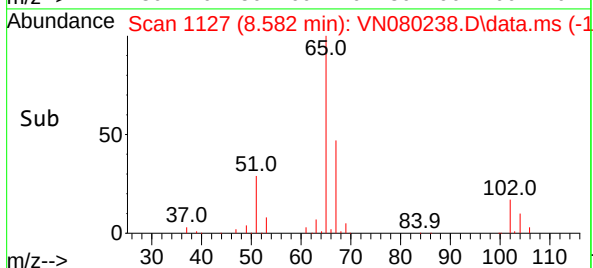
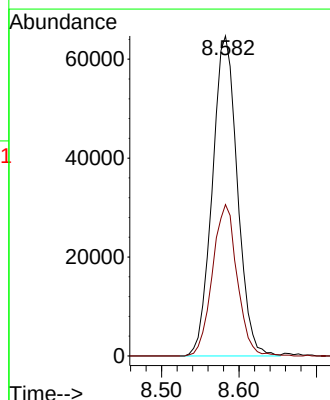
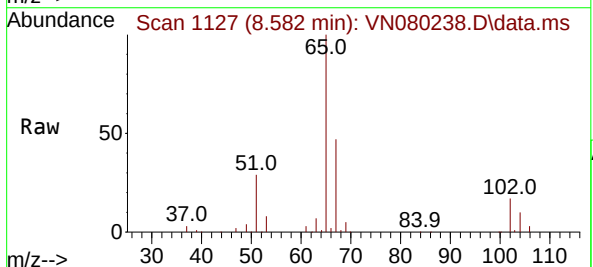
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBL01

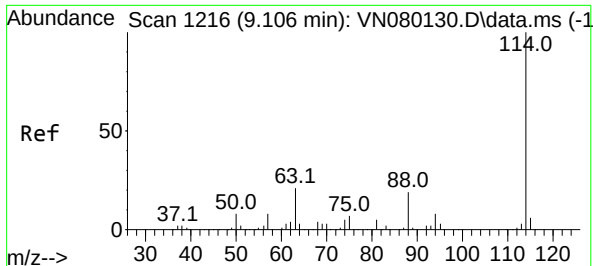
Tgt Ion:168 Resp: 153572
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.281 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 65 Resp: 145249
Ion Ratio Lower Upper
65 100
67 46.8 0.0 106.6

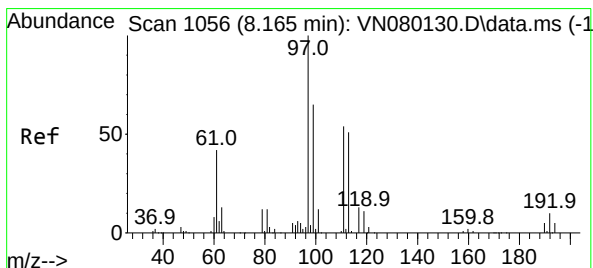
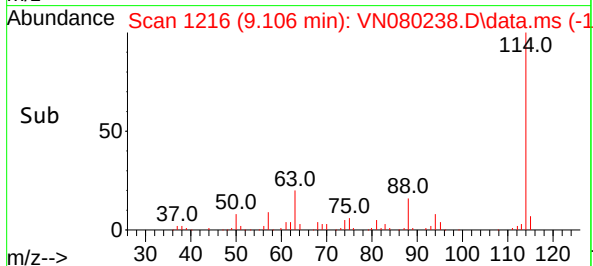
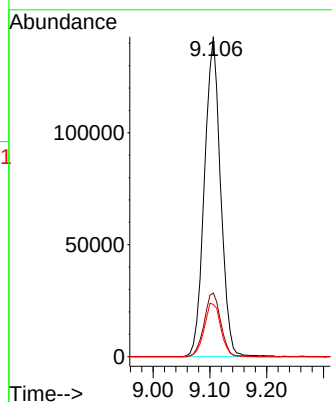
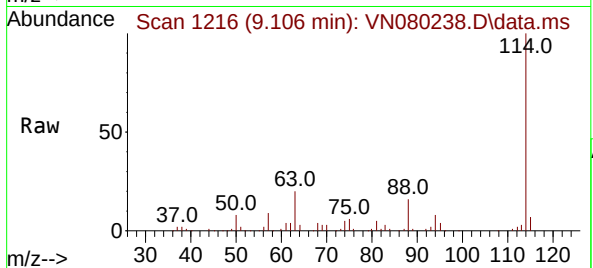




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

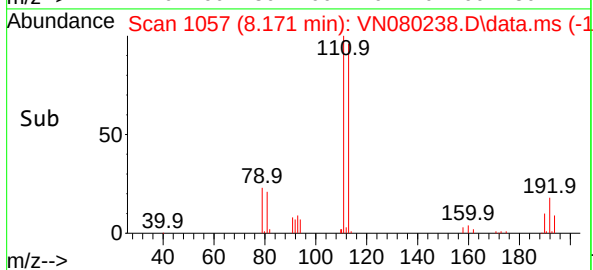
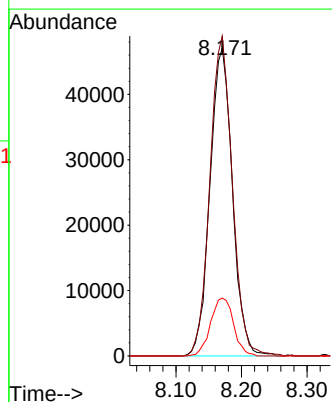
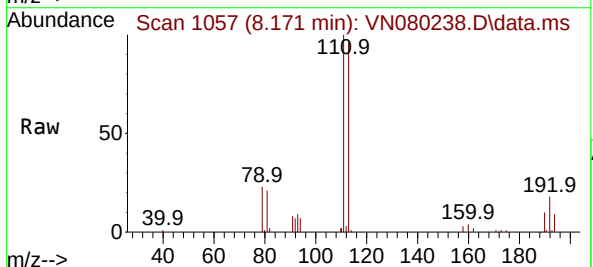
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBL01

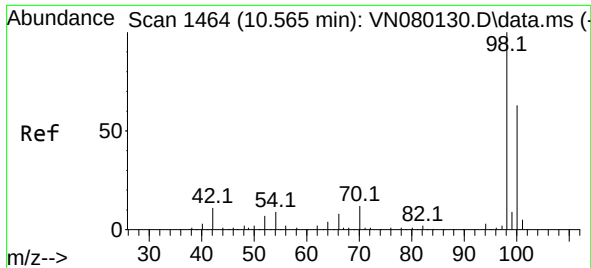
Tgt Ion:114 Resp: 281247
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.996 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion:113 Resp: 112054
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.2 12.7 19.1#

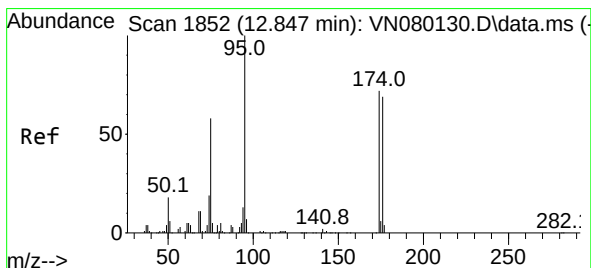
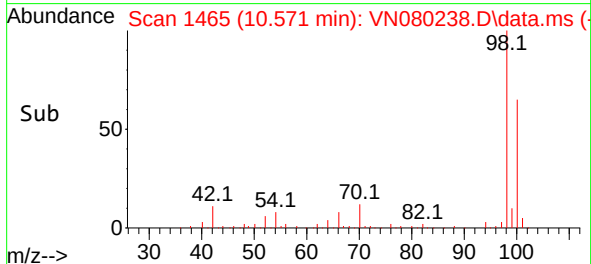
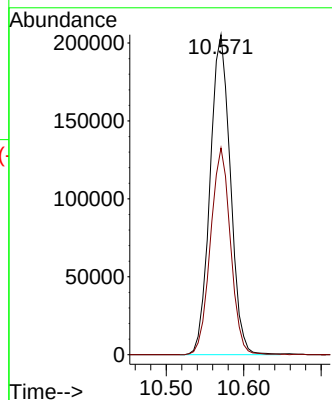
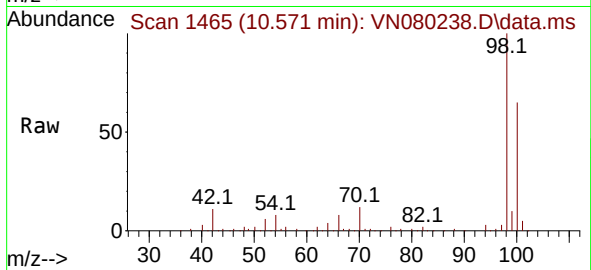




#50
Toluene-d8
Concen: 49.949 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

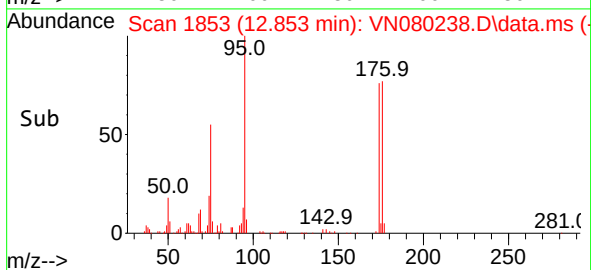
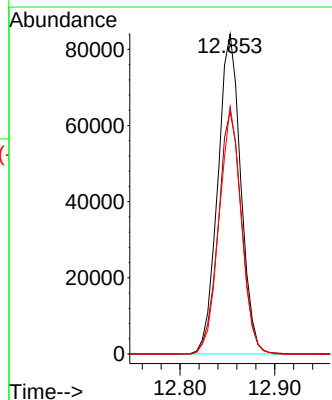
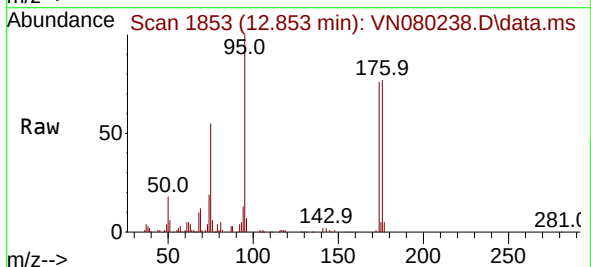
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBL01

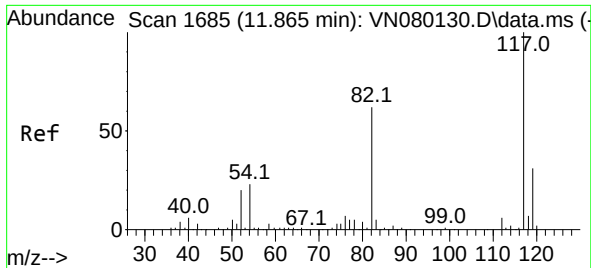
Tgt Ion: 98 Resp: 373655
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.067 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 95 Resp: 141471
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.7 0.0 135.8

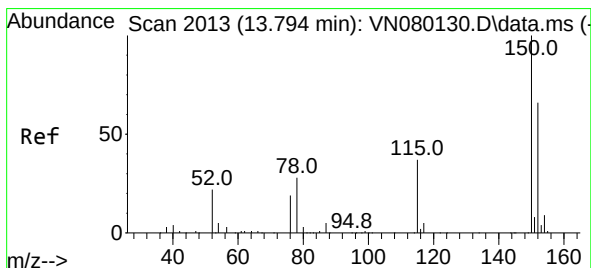
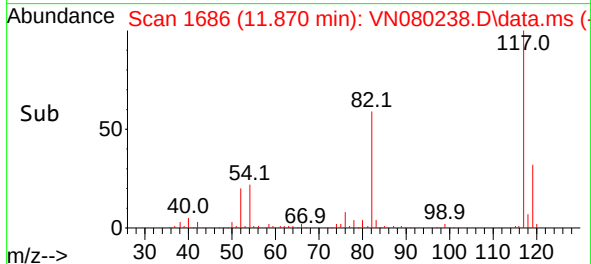
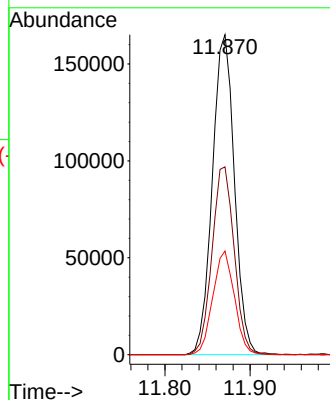
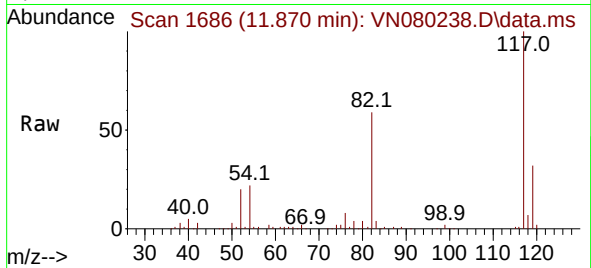




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBL01

Tgt Ion:117 Resp: 297202
Ion Ratio Lower Upper
117 100
82 58.7 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. -0.000 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion:152 Resp: 127802
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 156.6 0.0 355.8

