

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080280.D
 Acq On : 27 Nov 2023 17:11
 Operator : JC\MD
 Sample : 05543-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Nov 28 02:09:51 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	8.224	168	173286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	321243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152667	53.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.720%
35) Dibromofluoromethane	8.171	113	122221	53.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	10.571	98	403247	49.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.853	95	154818	49.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.620%

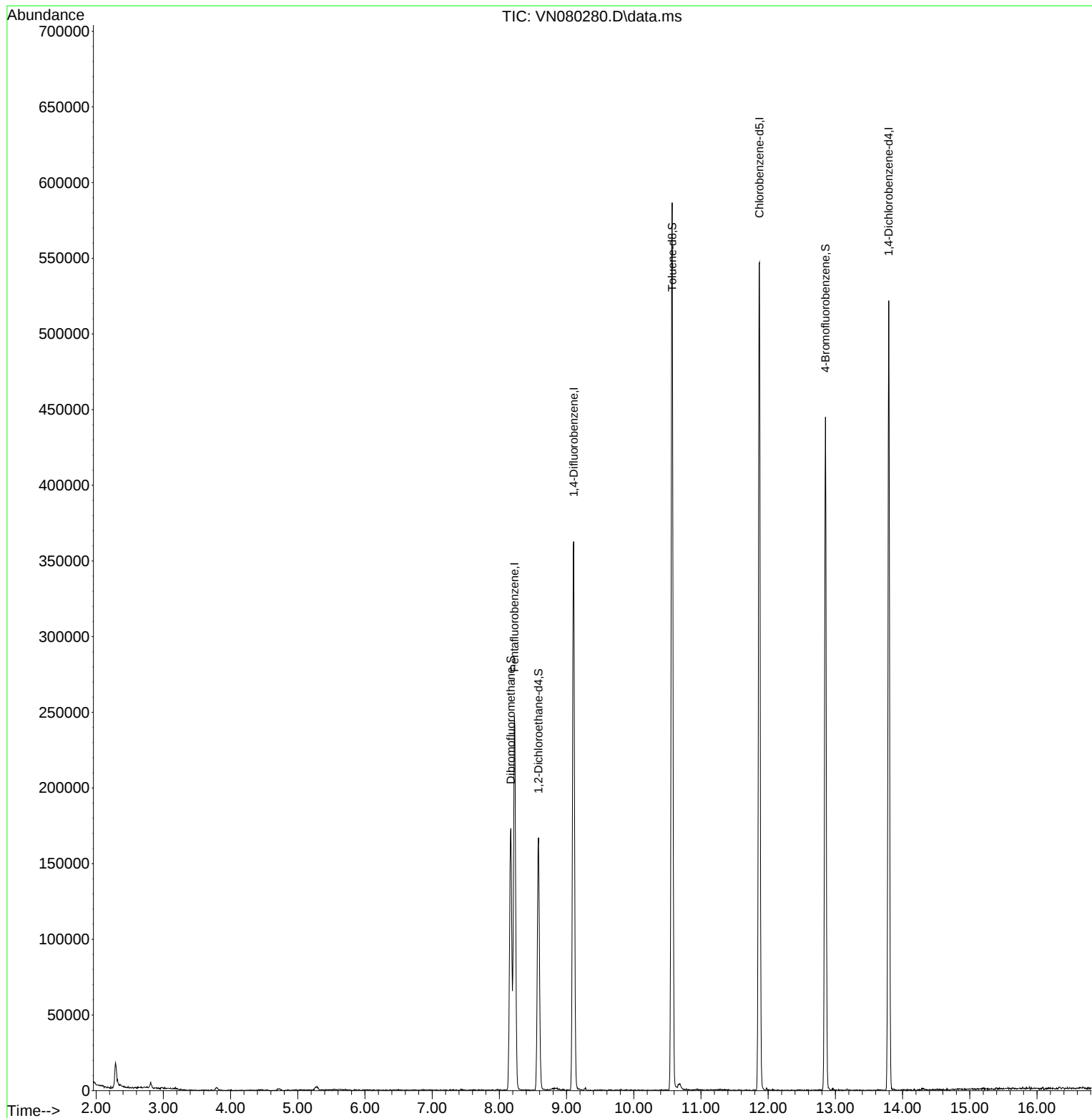
Target Compounds	Qvalue

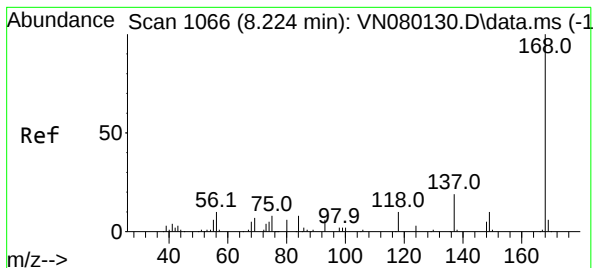
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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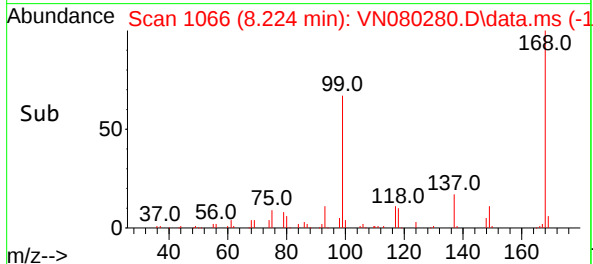
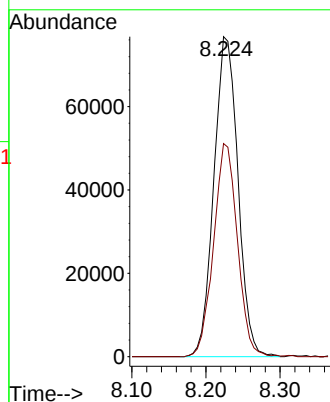
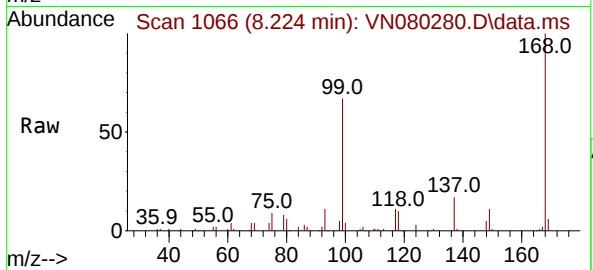




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

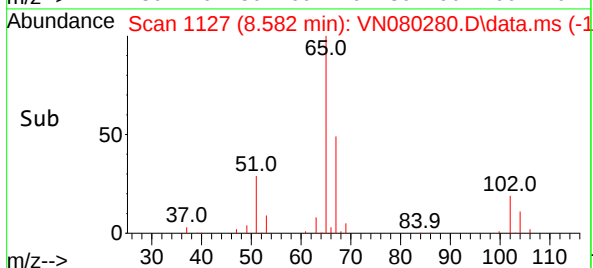
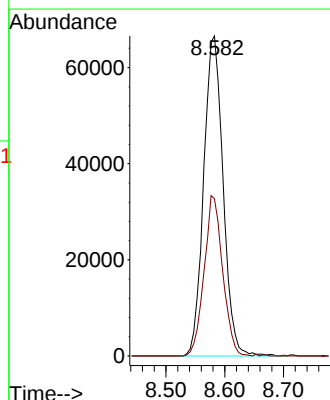
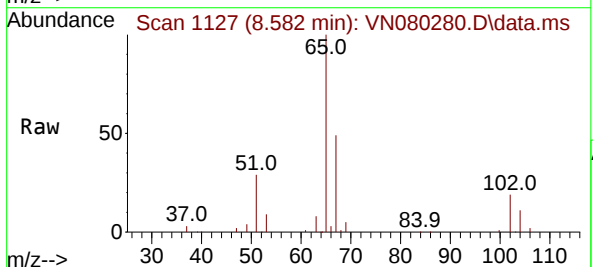
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

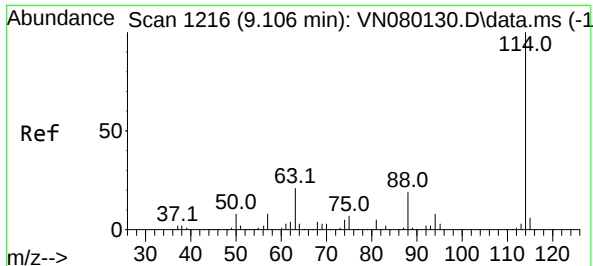
Tgt Ion:168 Resp: 173286
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.357 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 65 Resp: 152667
Ion Ratio Lower Upper
65 100
67 47.7 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: VN080280.D

Acq: 27 Nov 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

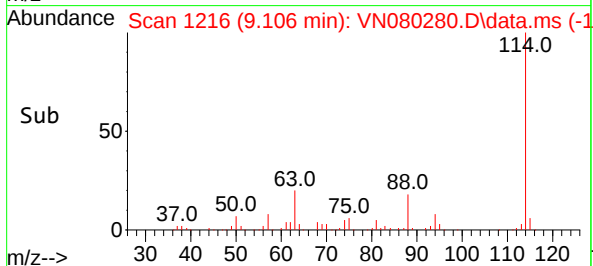
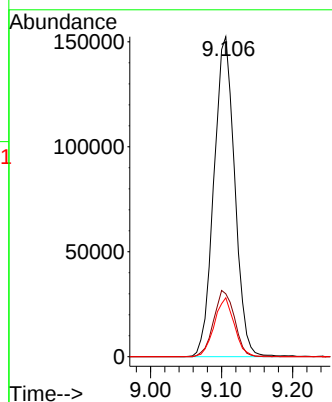
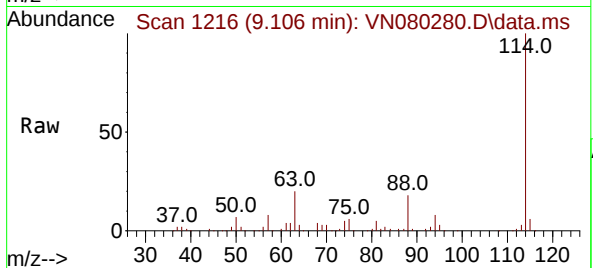
Tgt Ion:114 Resp: 309354

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080280.D

Acq: 27 Nov 2023 17:11

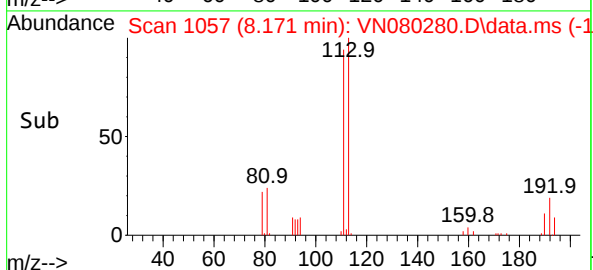
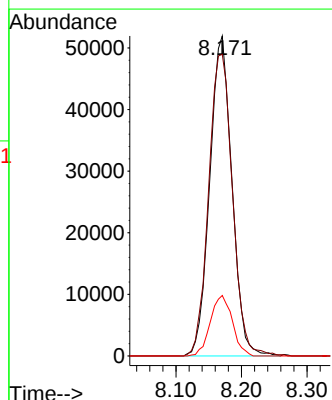
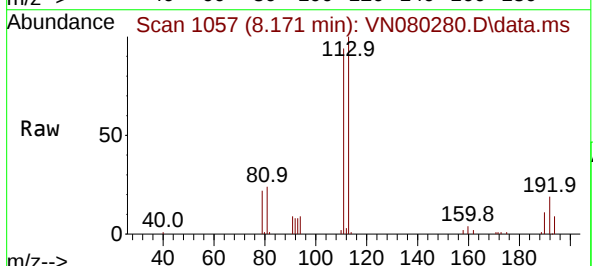
Tgt Ion:113 Resp: 122221

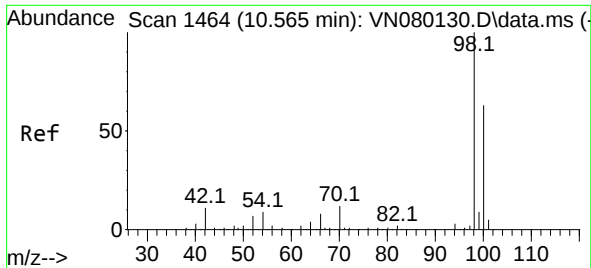
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 18.7 12.7 19.1

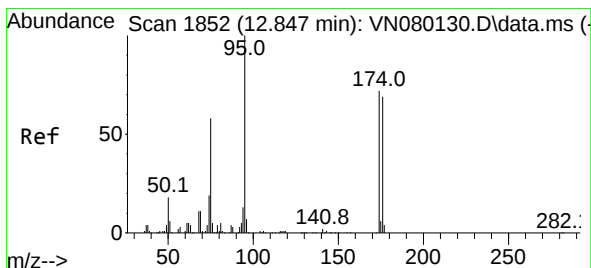
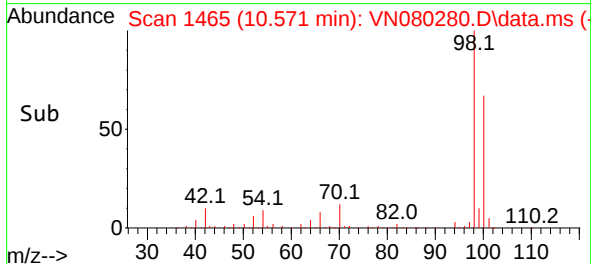
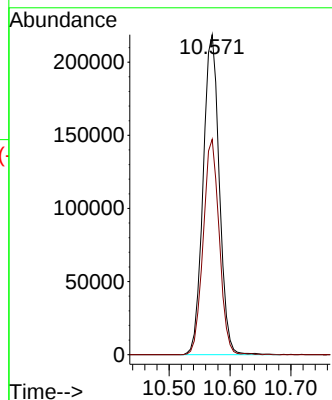
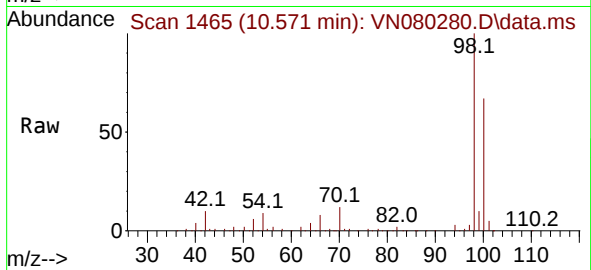




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

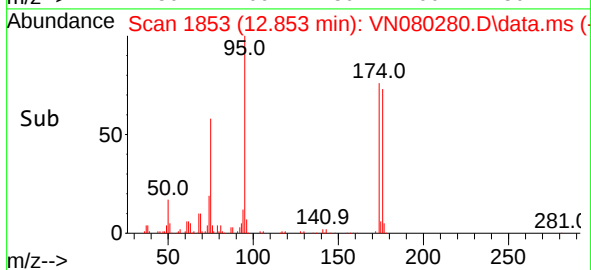
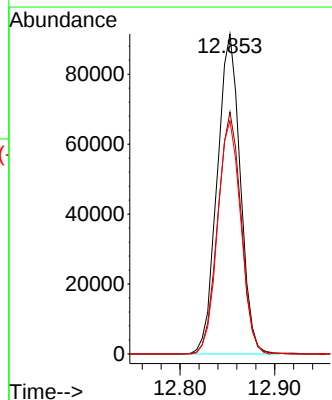
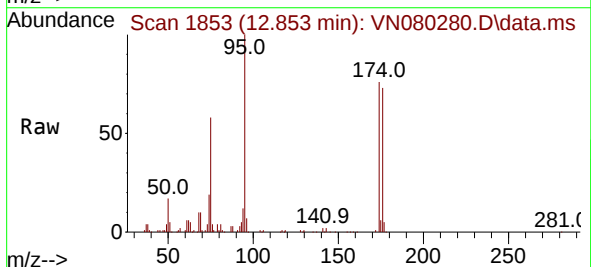
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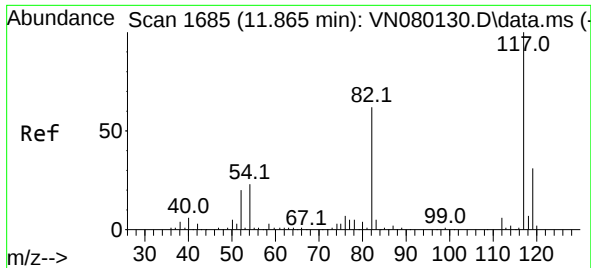
Tgt Ion: 98 Resp: 403247
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 95 Resp: 154818
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.6 0.0 135.8

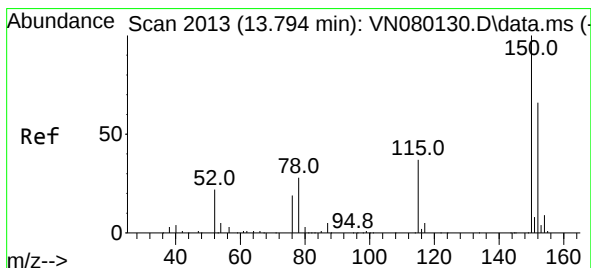
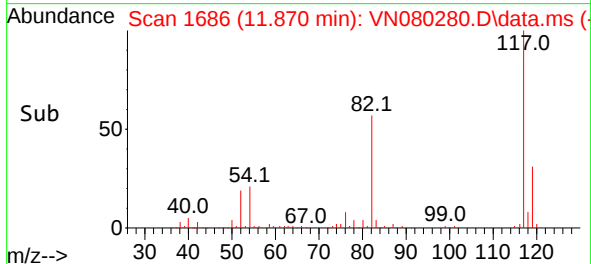
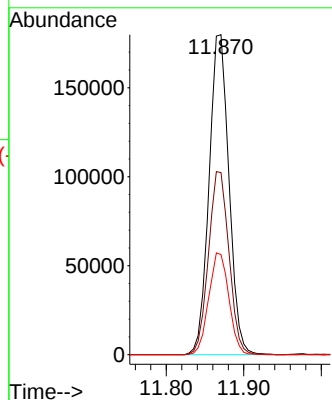
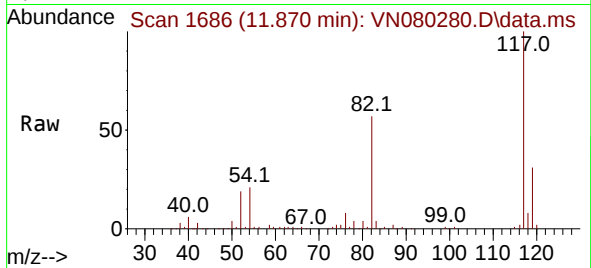




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 321243
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.3 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: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion:152 Resp: 135730
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 160.9 0.0 355.8

