

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080328.D
 Acq On : 04 Dec 2023 11:01
 Operator : JC\MD
 Sample : VN1204WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBL01

Quant Time: Dec 05 04:11:05 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	162580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	308872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144071	53.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.340%	
35) Dibromofluoromethane	8.171	113	115109	53.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.940%	
50) Toluene-d8	10.571	98	388581	50.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.853	95	147910	50.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.880%	

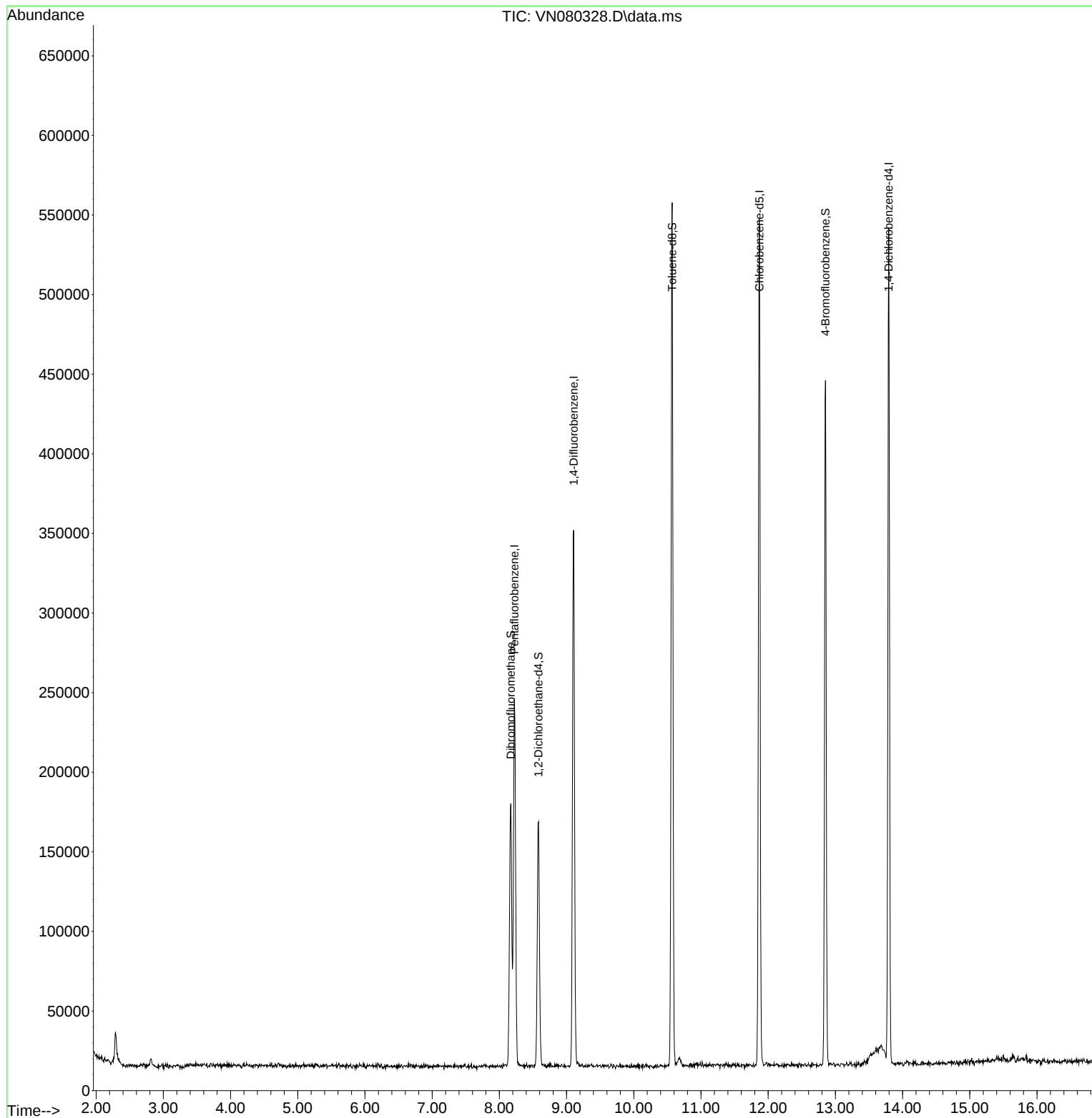
Target Compounds	Qvalue

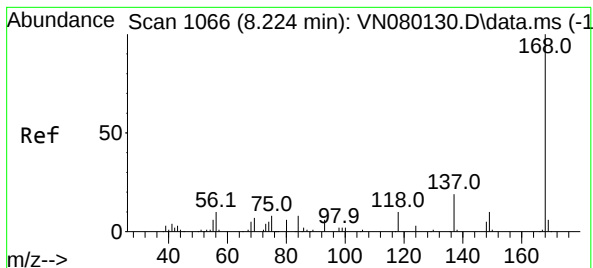
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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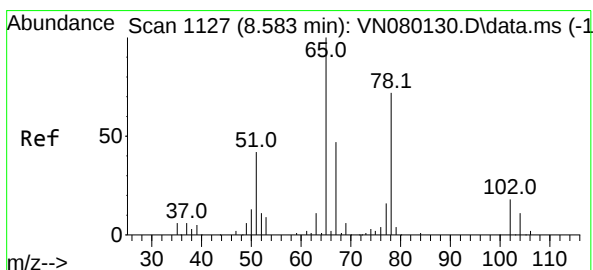
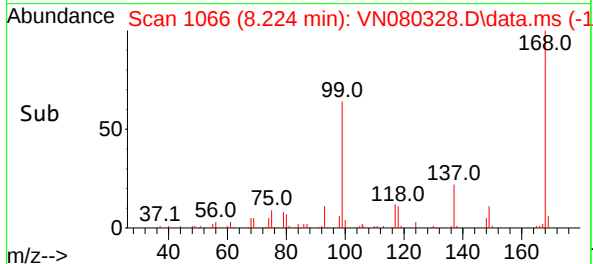
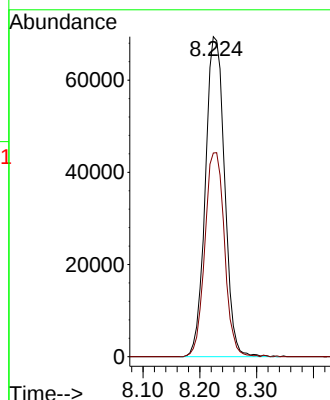
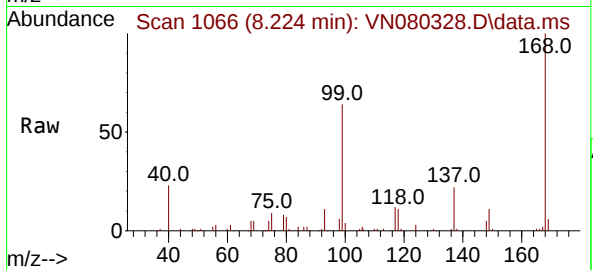




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080328.D
Acq: 04 Dec 2023 11:01

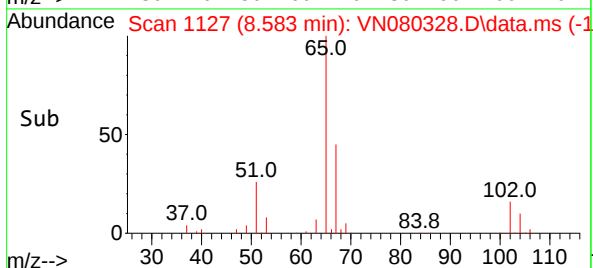
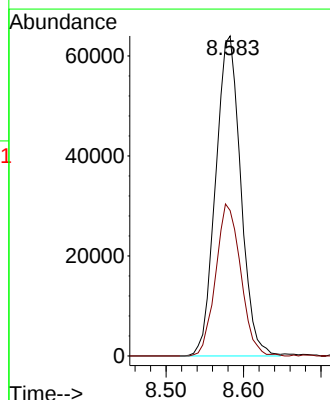
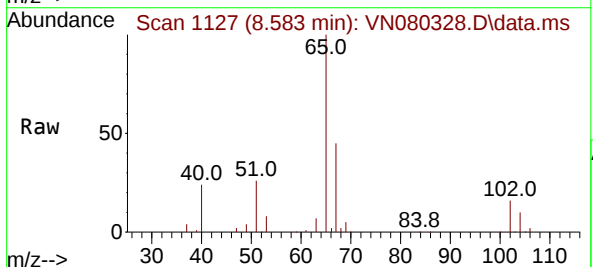
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

Tgt Ion:168 Resp: 162580
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.669 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080328.D
Acq: 04 Dec 2023 11:01

Tgt Ion: 65 Resp: 144071
Ion Ratio Lower Upper
65 100
67 47.3 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: VN080328.D

Acq: 04 Dec 2023 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBL01

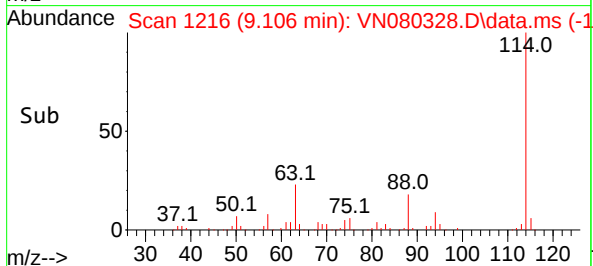
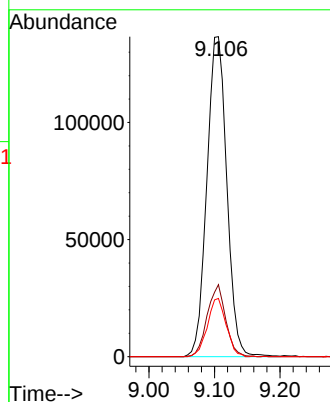
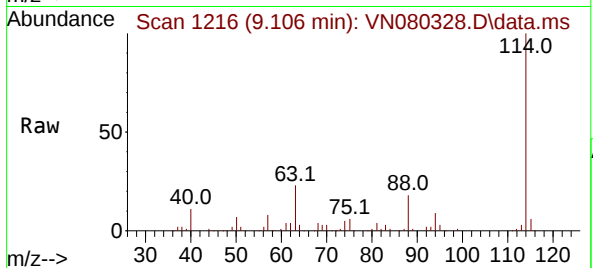
Tgt Ion:114 Resp: 289036

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 18.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.973 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080328.D

Acq: 04 Dec 2023 11:01

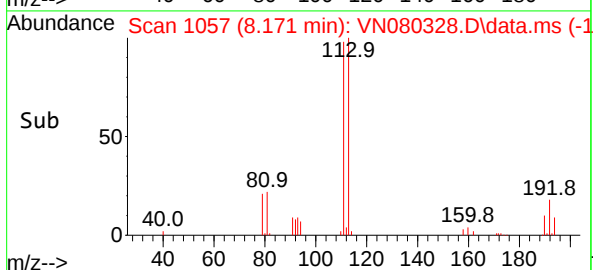
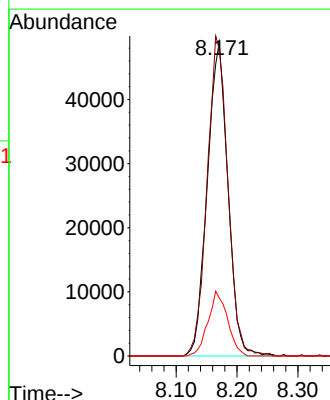
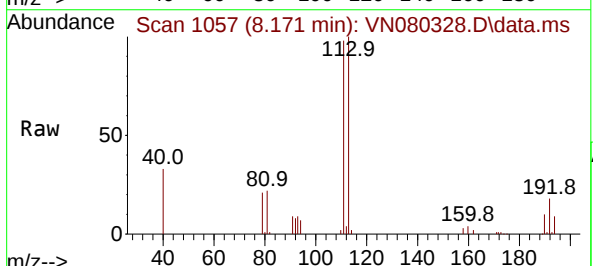
Tgt Ion:113 Resp: 115109

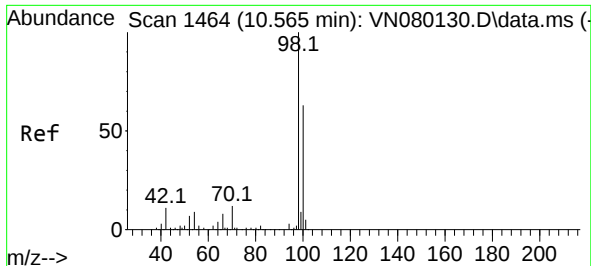
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 19.6 12.7 19.1#

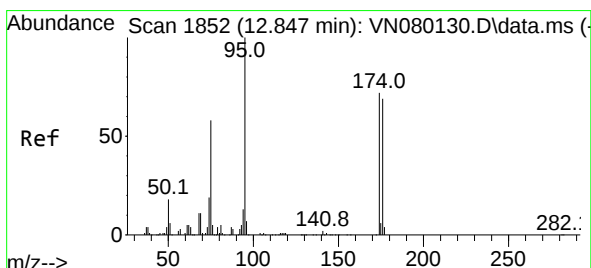
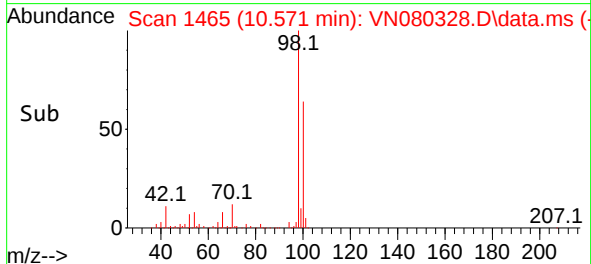
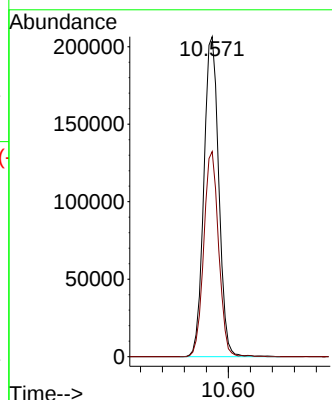
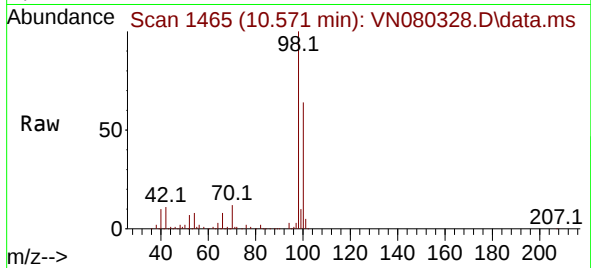




#50
Toluene-d8
Concen: 50.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080328.D
Acq: 04 Dec 2023 11:01

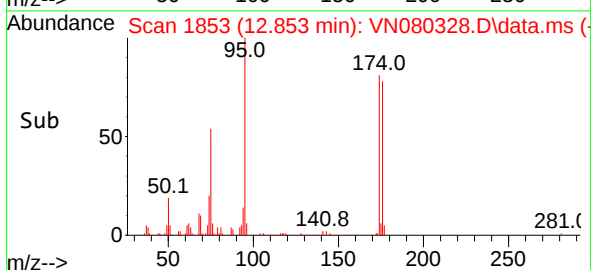
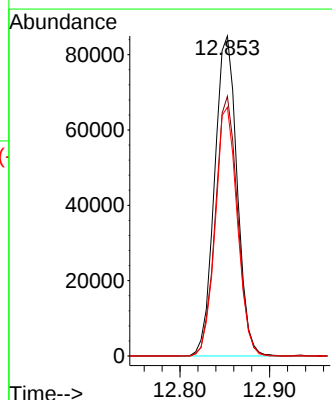
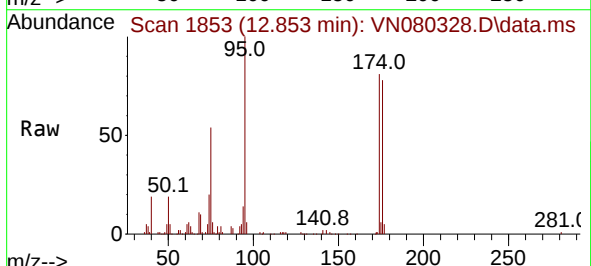
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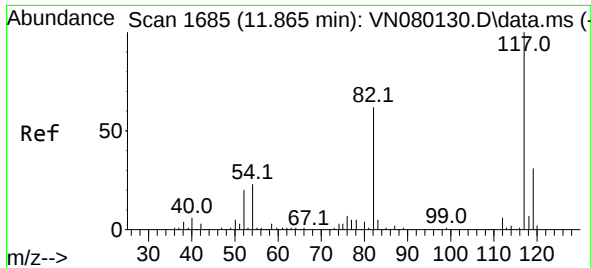
Tgt Ion: 98 Resp: 388581
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.935 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080328.D
Acq: 04 Dec 2023 11:01

Tgt Ion: 95 Resp: 147910
Ion Ratio Lower Upper
95 100
174 80.1 0.0 143.8
176 76.0 0.0 135.8

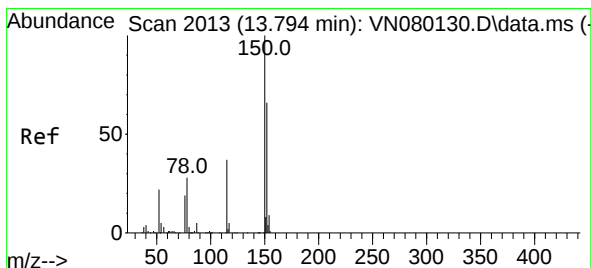
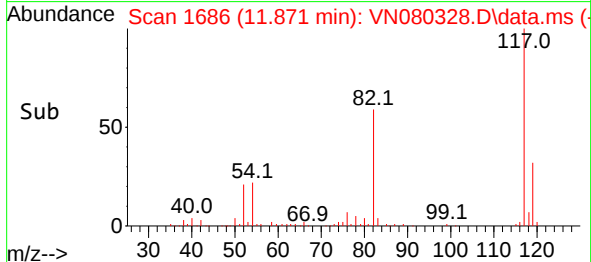
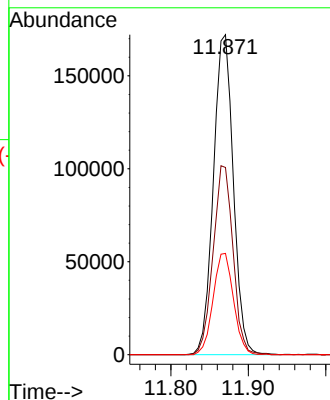
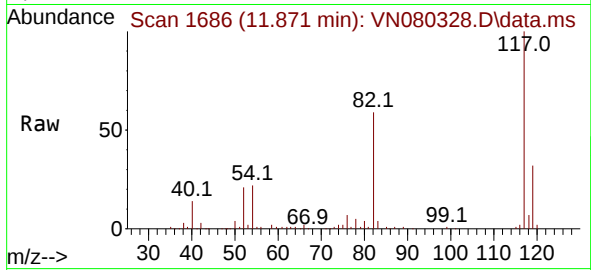




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080328.D
Acq: 04 Dec 2023 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

Tgt Ion:117 Resp: 308872
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.6 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: VN080328.D
Acq: 04 Dec 2023 11:01

Tgt Ion:152 Resp: 139380
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 155.4 0.0 355.8

