

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080152.D
 Acq On : 17 Nov 2023 10:54
 Operator : JC\MD
 Sample : VN1117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBL01

Quant Time: Nov 18 02:23:40 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)

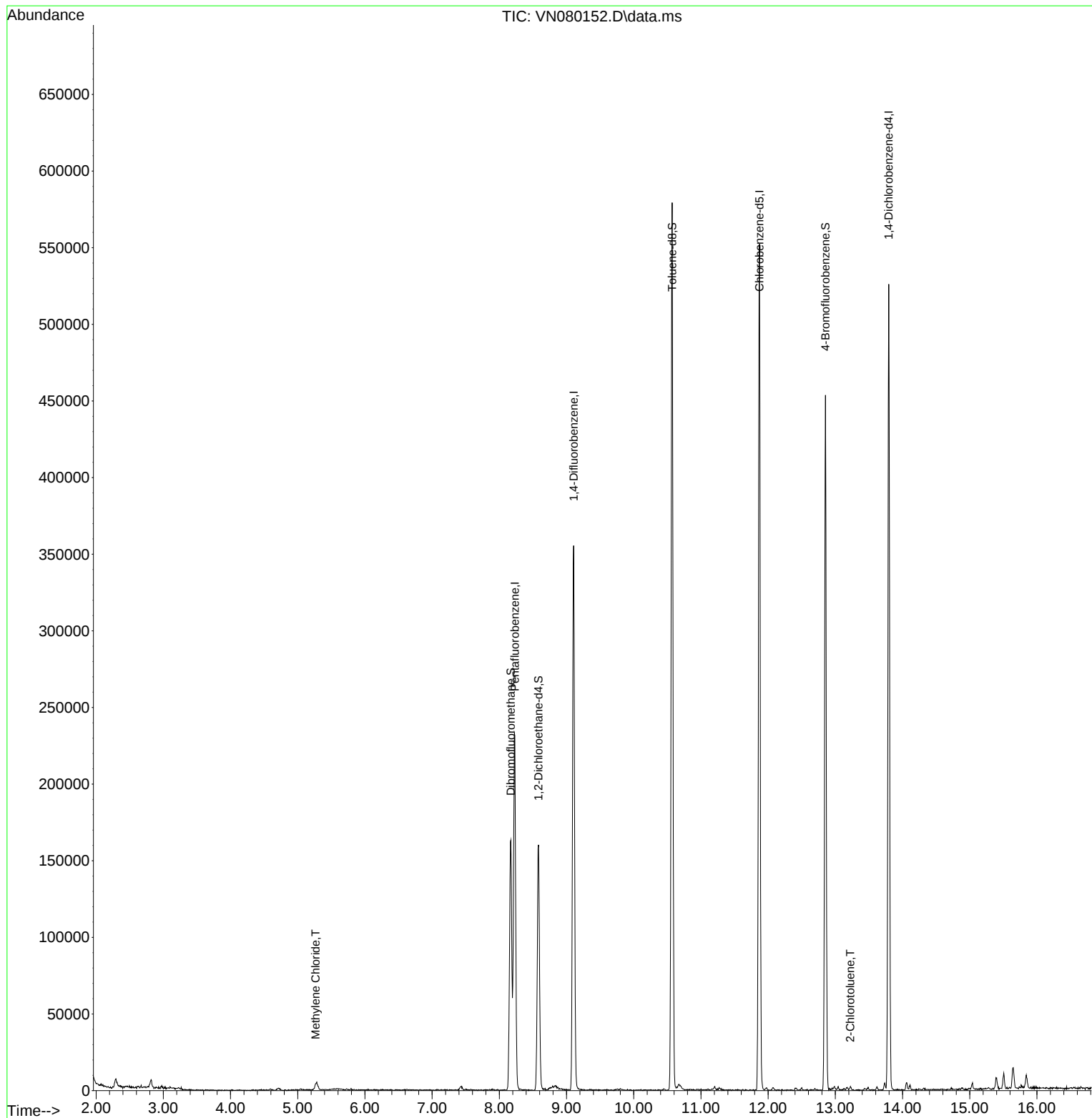
Internal Standards						
1) Pentafluorobenzene	8.230	168	158702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	314808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147025	56.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.220%
35) Dibromofluoromethane	8.171	113	115003	52.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	398311	50.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	152086	50.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.440%
Target Compounds						Qvalue
20) Methylene Chloride	5.265	84	4043	2.194	ug/l #	73
79) 2-Chlorotoluene	13.223	91	1591	0.202	ug/l	84

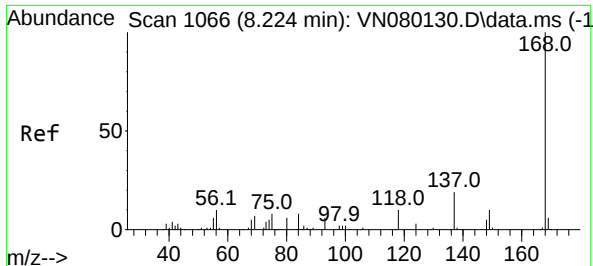
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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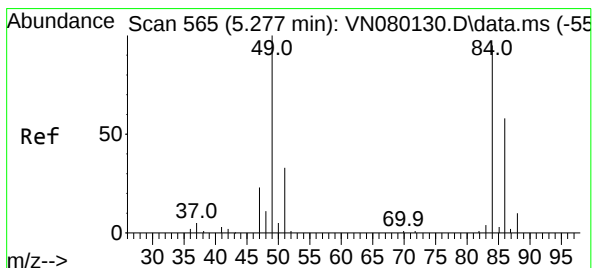
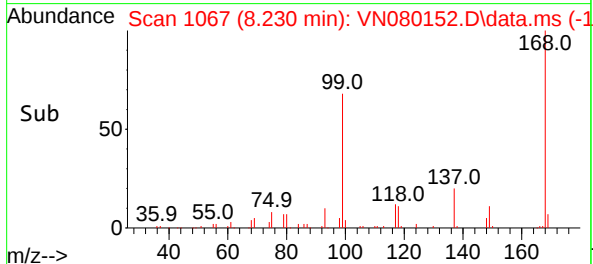
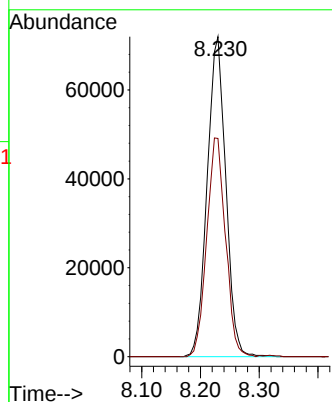
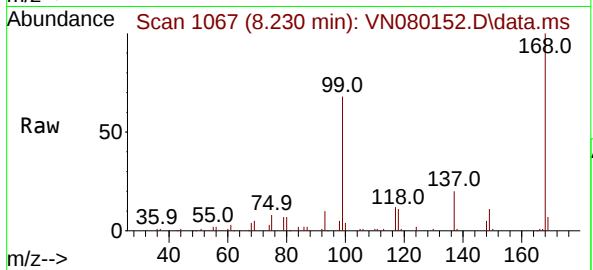




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080152.D
Acq: 17 Nov 2023 10:54

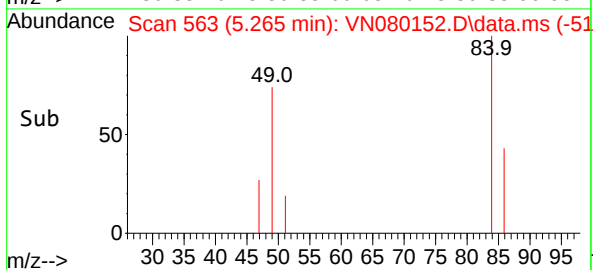
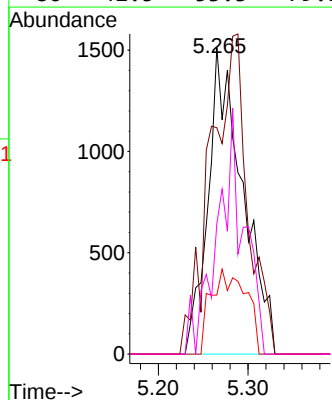
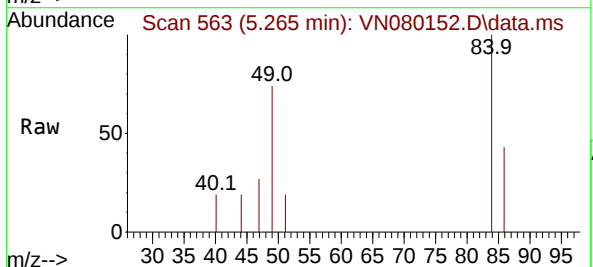
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

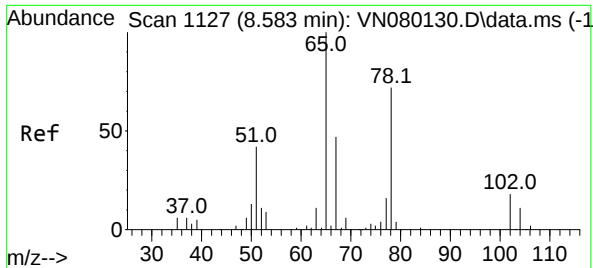
Tgt Ion:168 Resp: 158702
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6



#20
Methylene Chloride
Concen: 2.194 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080152.D
Acq: 17 Nov 2023 10:54

Tgt Ion: 84 Resp: 4043
Ion Ratio Lower Upper
84 100
49 73.8 79.7 119.5#
51 19.2 25.2 37.8#
86 42.5 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 56.107 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080152.D

Acq: 17 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

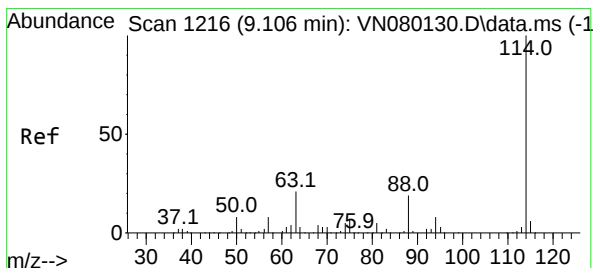
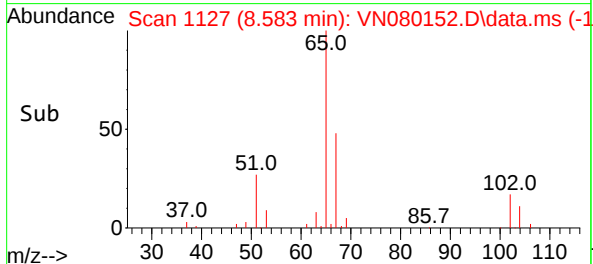
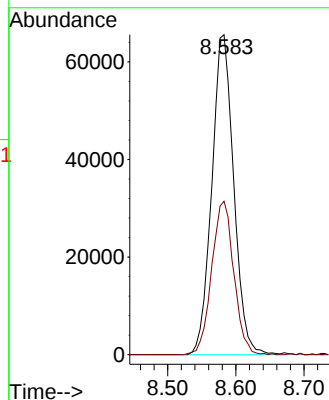
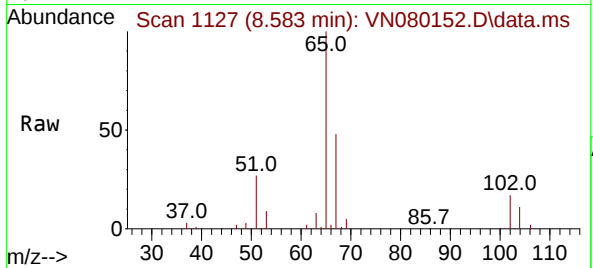
VN1117MBL01

Tgt Ion: 65 Resp: 147025

Ion Ratio Lower Upper

65 100

67 48.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080152.D

Acq: 17 Nov 2023 10:54

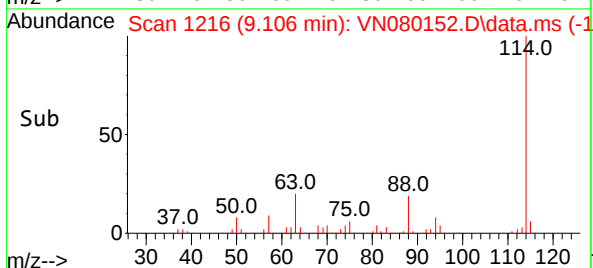
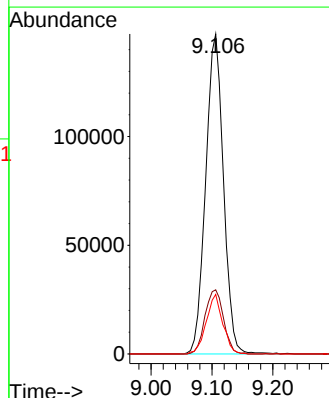
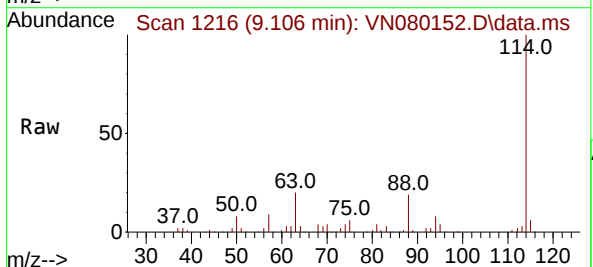
Tgt Ion: 114 Resp: 298486

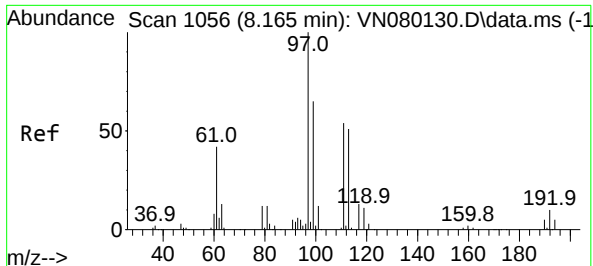
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 18.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.216 ug/l

RT: 8.171 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN080152.D

Acq: 17 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBL01

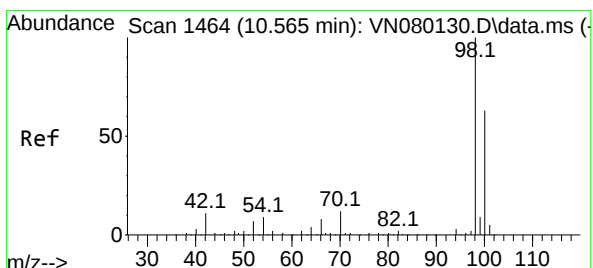
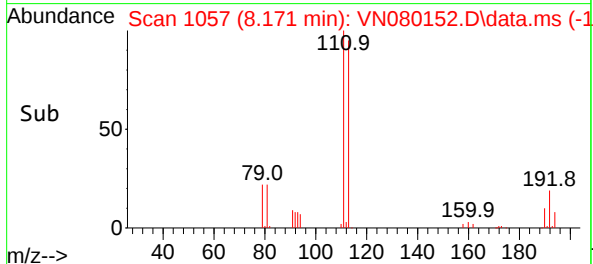
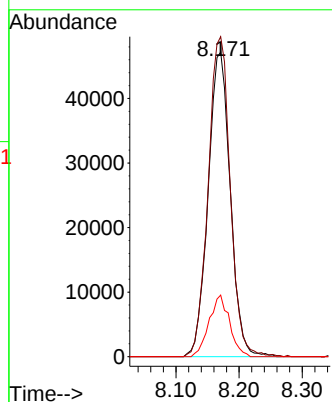
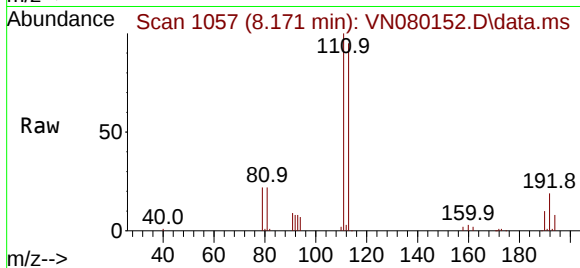
Tgt Ion:113 Resp: 115003

Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 18.7 12.7 19.1



#50

Toluene-d8

Concen: 50.169 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080152.D

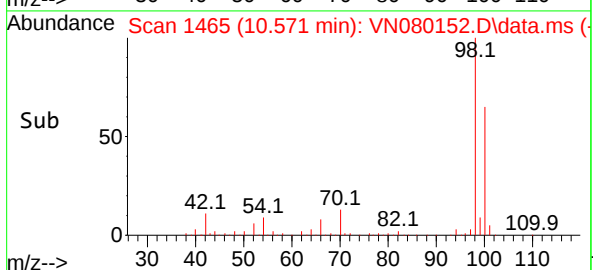
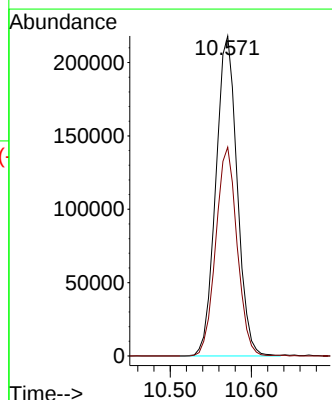
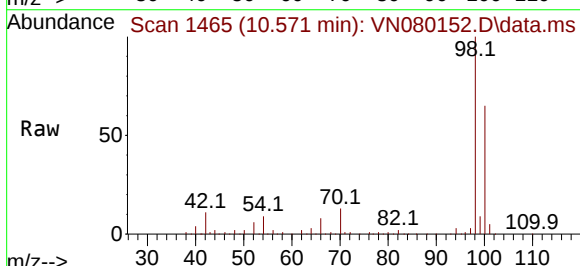
Acq: 17 Nov 2023 10:54

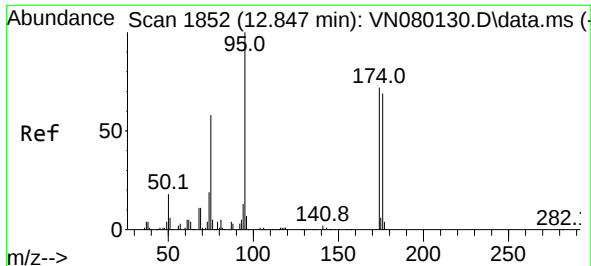
Tgt Ion: 98 Resp: 398311

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

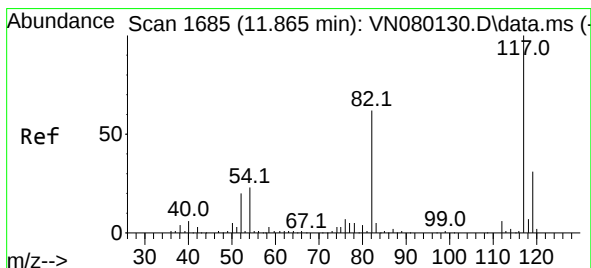
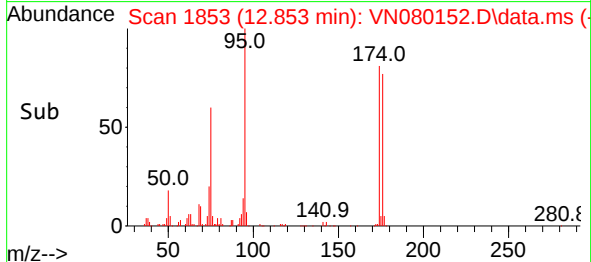
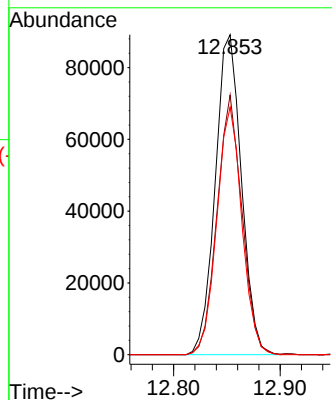
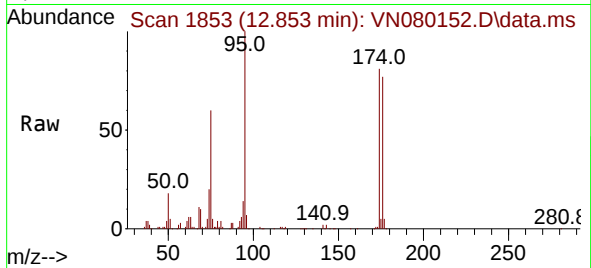




#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080152.D
Acq: 17 Nov 2023 10:54

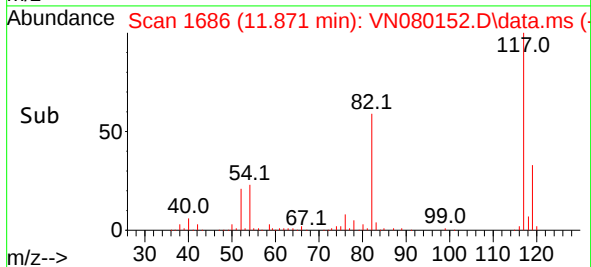
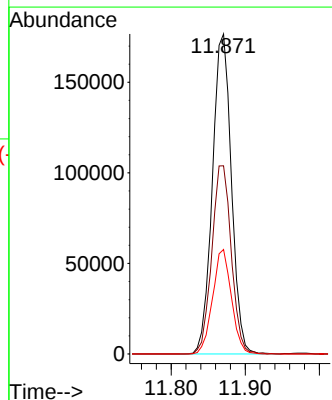
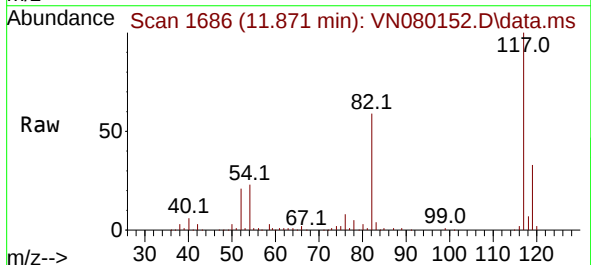
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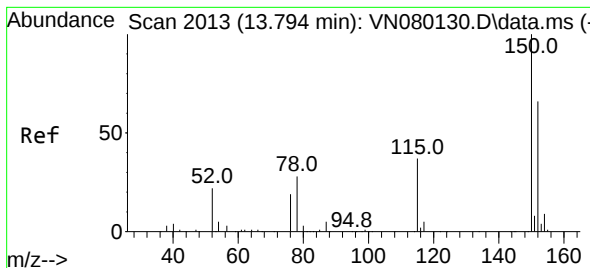
Tgt Ion: 95 Resp: 152086
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080152.D
Acq: 17 Nov 2023 10:54

Tgt Ion: 117 Resp: 314808
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 32.6 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: VN080152.D

Acq: 17 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBL01

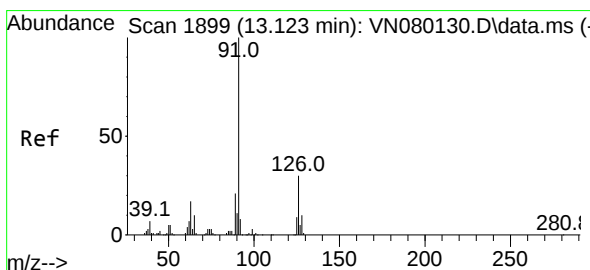
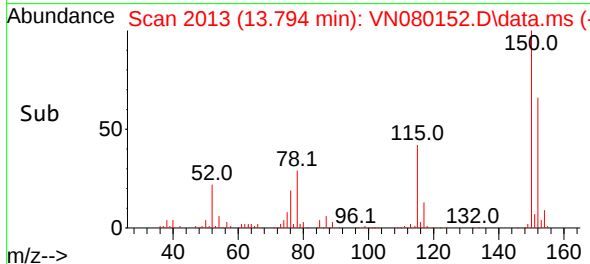
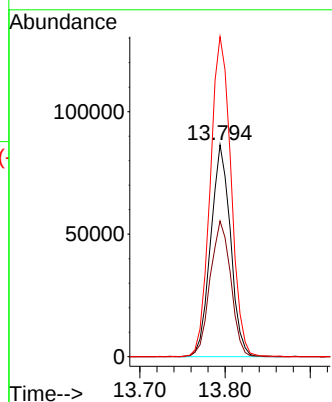
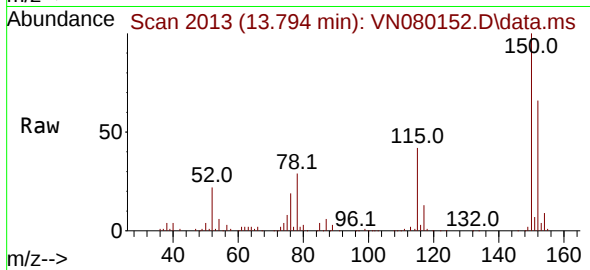
Tgt Ion:152 Resp: 139374

Ion Ratio Lower Upper

152 100

115 66.8 32.3 96.8

150 158.7 0.0 355.8



#79

2-Chlorotoluene

Concen: 0.202 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.100 min

Lab File: VN080152.D

Acq: 17 Nov 2023 10:54

Tgt Ion: 91 Resp: 1591

Ion Ratio Lower Upper

91 100

126 41.6 16.3 48.8

