

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077792.D
 Acq On : 22 May 2023 16:17
 Operator : JC\MD
 Sample : 02880-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20230518

Quant Time: May 23 04:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	389042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	706225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	599019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259935	44.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.300%
35) Dibromofluoromethane	8.177	113	225449	48.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.577	98	853338	48.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.859	95	259364	41.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.860%#

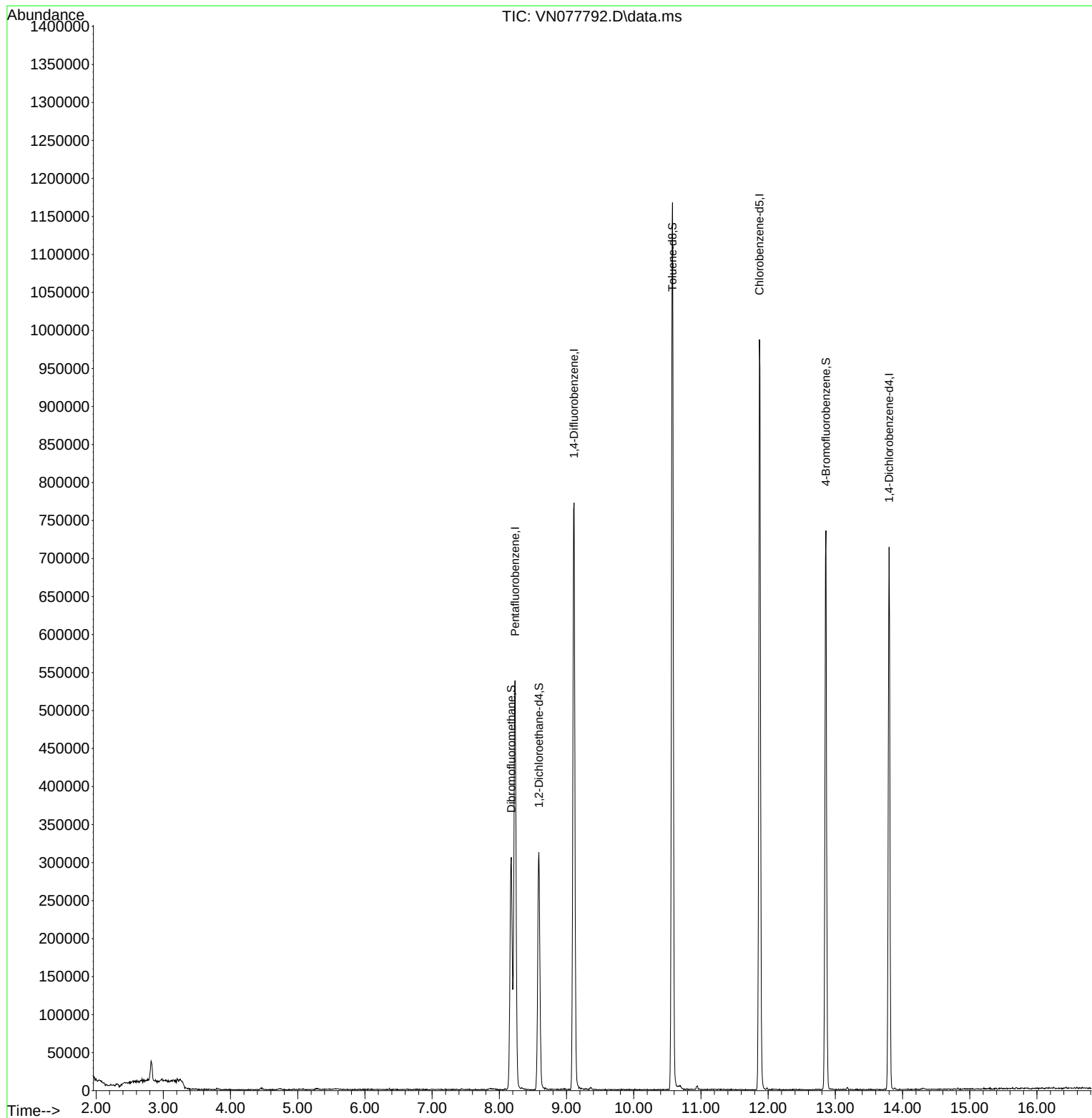
Target Compounds	Qvalue

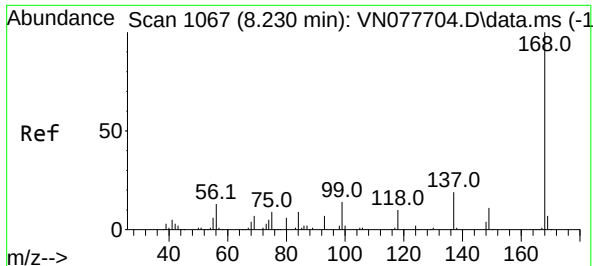
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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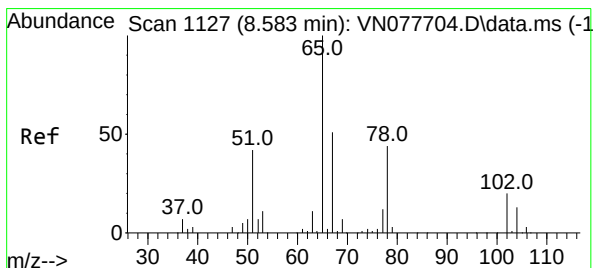
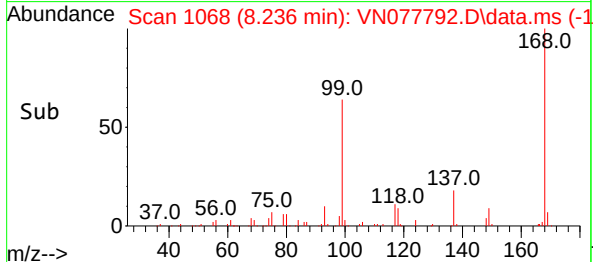
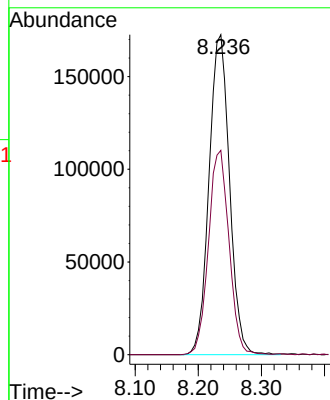
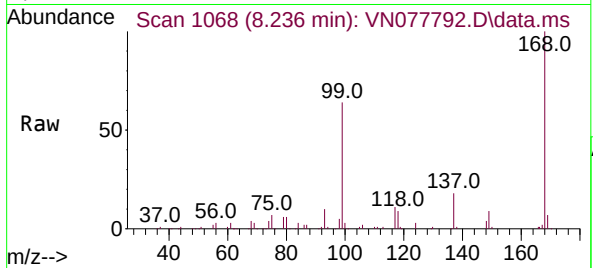




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

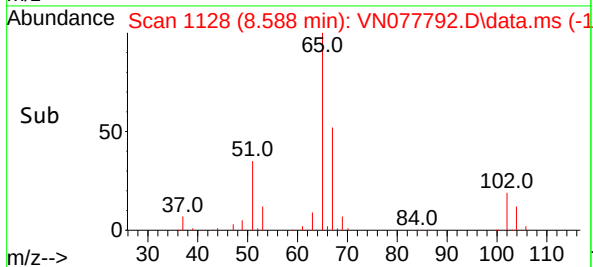
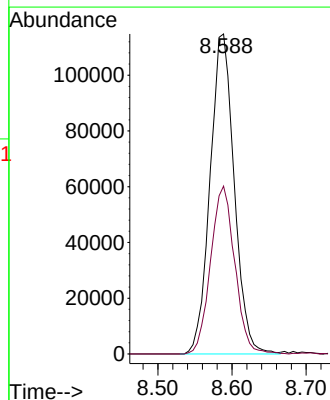
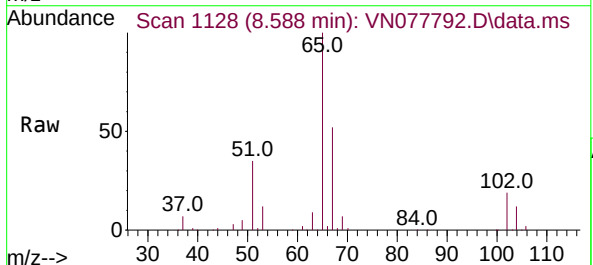
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

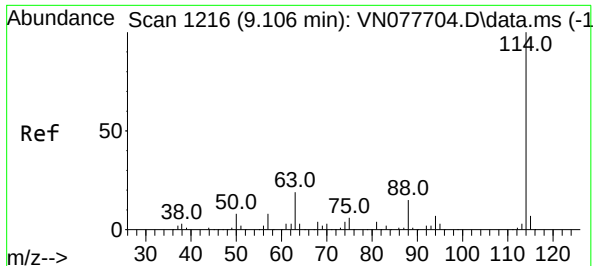
Tgt Ion:168 Resp: 389042
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.654 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion: 65 Resp: 259935
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D1-20230518

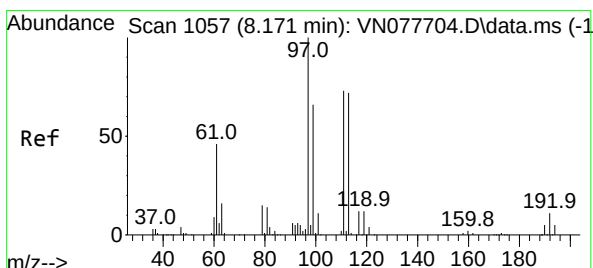
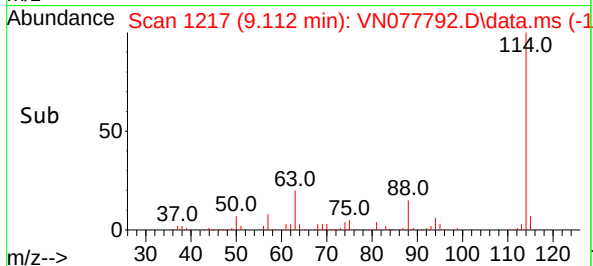
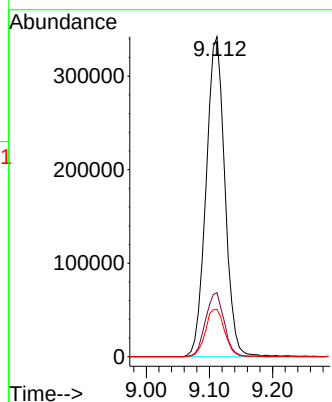
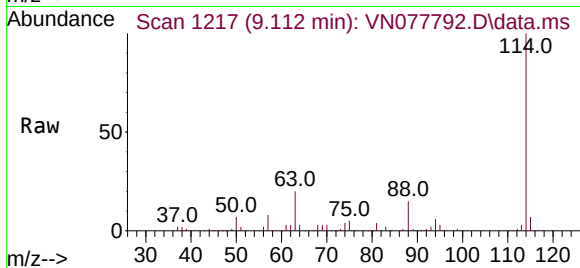
Tgt Ion:114 Resp: 706225

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.955 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

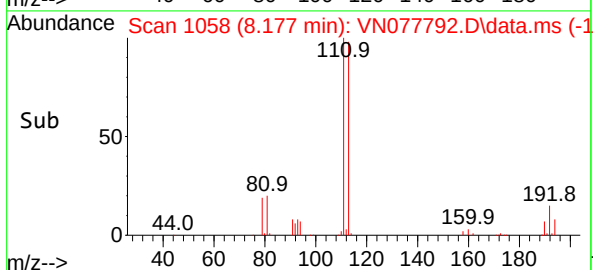
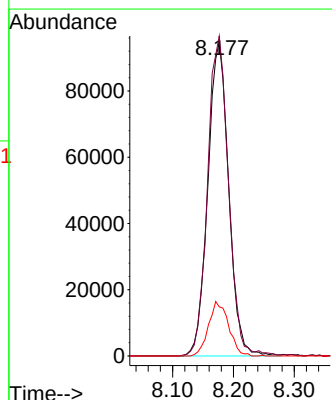
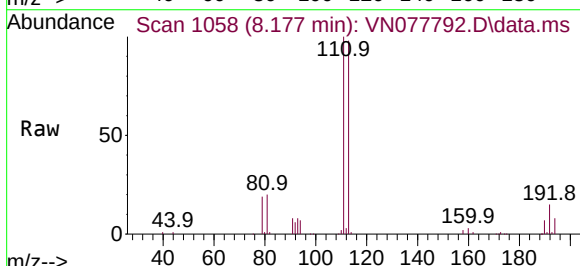
Tgt Ion:113 Resp: 225449

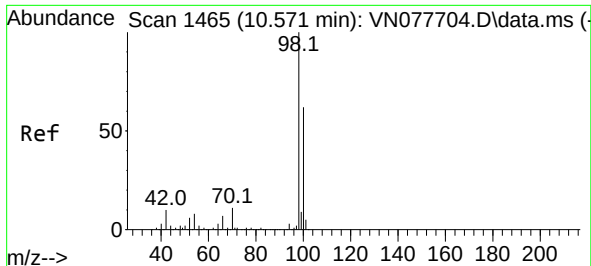
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.7 12.7 19.1





#50

Toluene-d8

Concen: 48.141 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

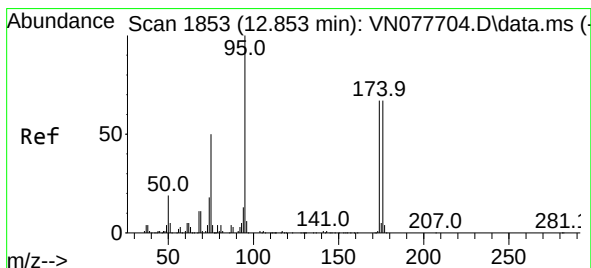
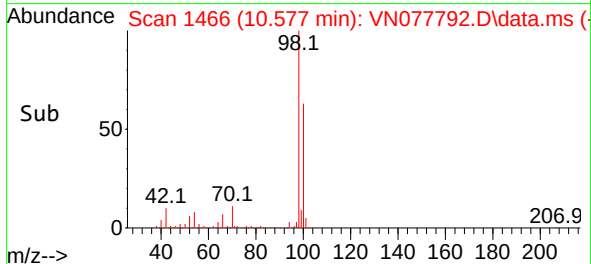
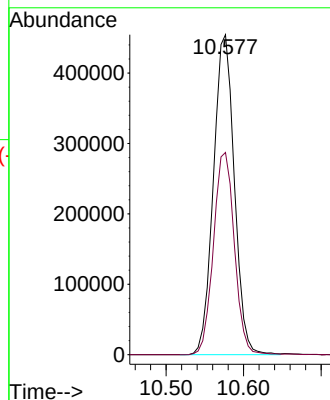
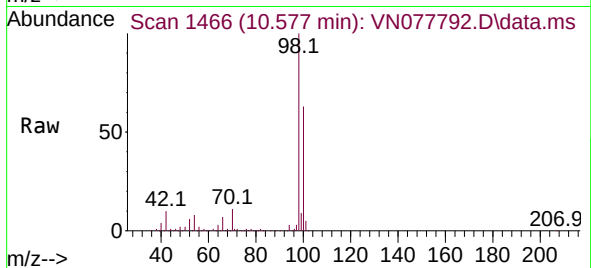
RW8-MW01D1-20230518

Tgt Ion: 98 Resp: 853338

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.429 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

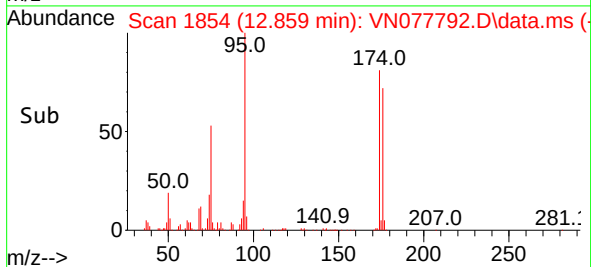
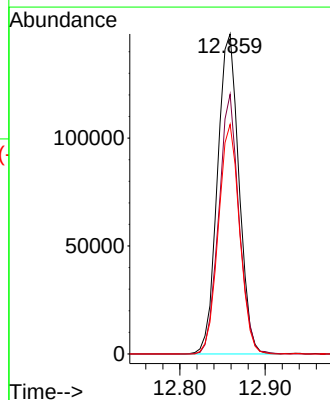
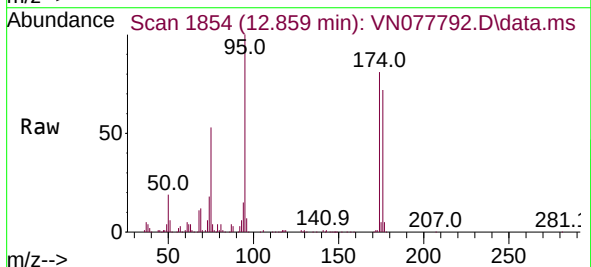
Tgt Ion: 95 Resp: 259364

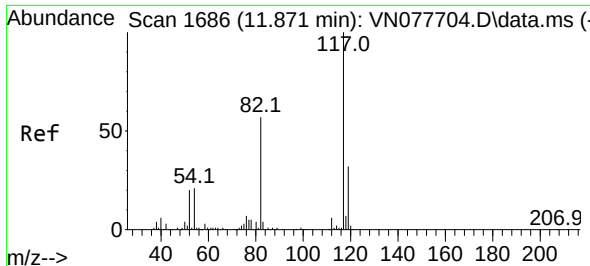
Ion Ratio Lower Upper

95 100

174 76.8 0.0 143.8

176 70.7 0.0 135.8

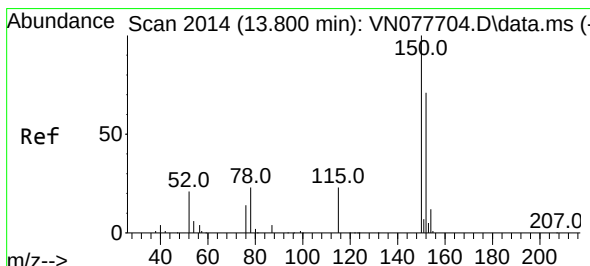
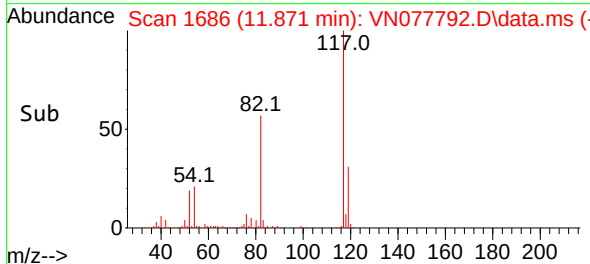
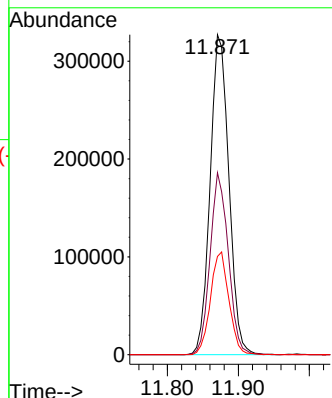
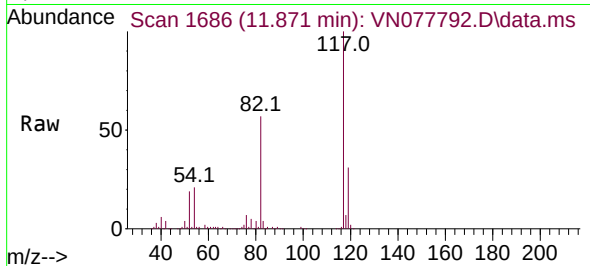




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

Tgt Ion:117 Resp: 599019
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion:152 Resp: 194700
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 157.2 0.0 355.8

