

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077855.D
 Acq On : 24 May 2023 16:19
 Operator : JC\MD
 Sample : 02910-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-20230523

Quant Time: May 25 01:43:05 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	8.230	168	394044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	612551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258182	43.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.580%
35) Dibromofluoromethane	8.177	113	225156	48.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.577	98	859569	47.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.859	95	277635	43.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.420%

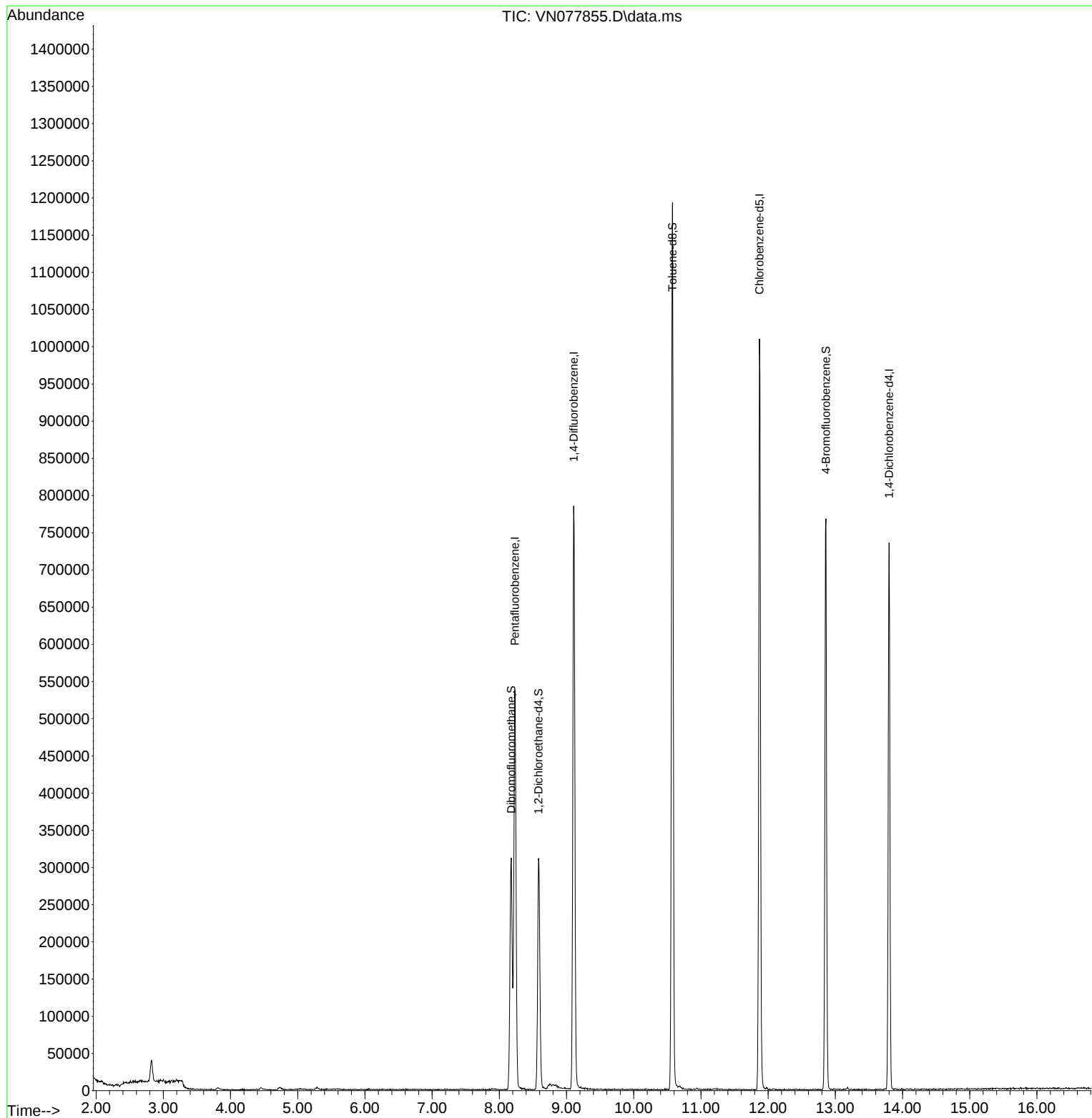
Target Compounds	Qvalue

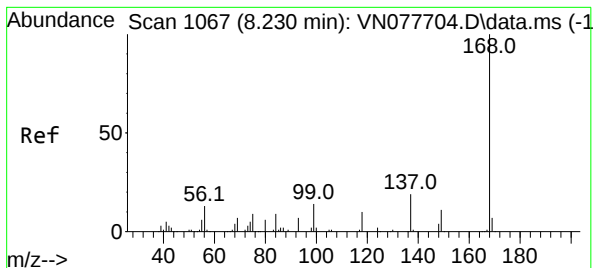
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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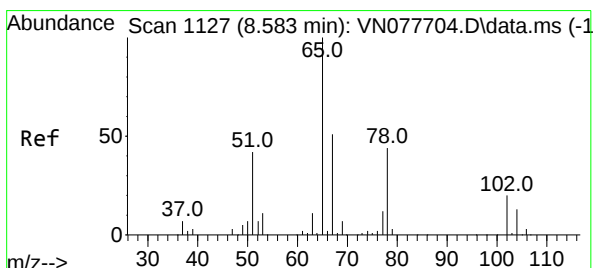
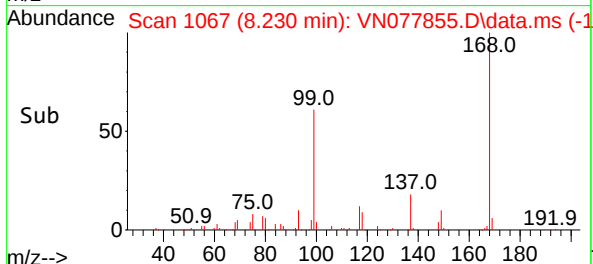
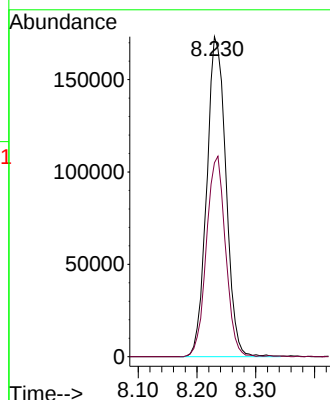
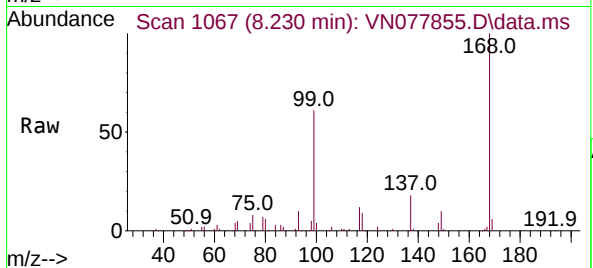




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077855.D
Acq: 24 May 2023 16:19

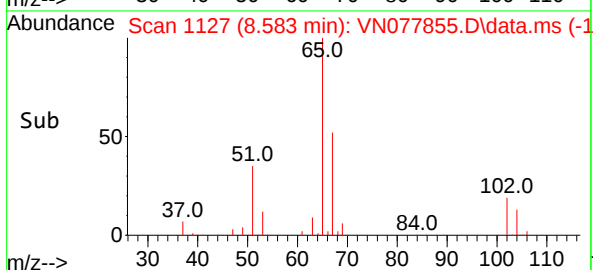
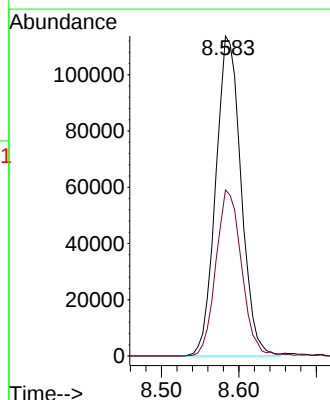
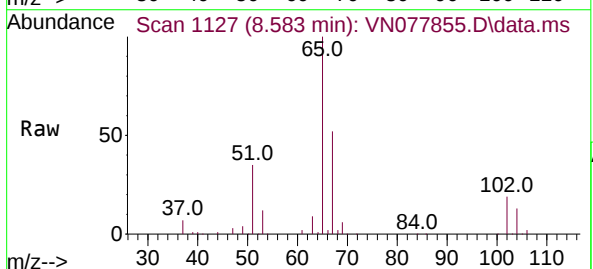
Instrument :
MSVOA_N
ClientSampleId :
TB-02-20230523

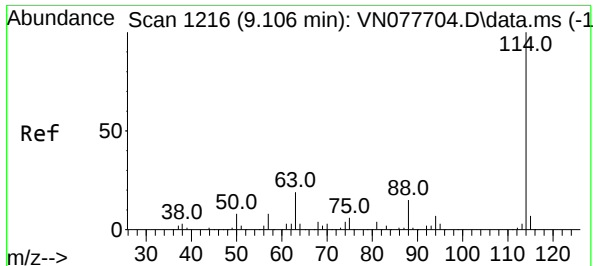
Tgt Ion:168 Resp: 394044
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.790 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077855.D
Acq: 24 May 2023 16:19

Tgt Ion: 65 Resp: 258182
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

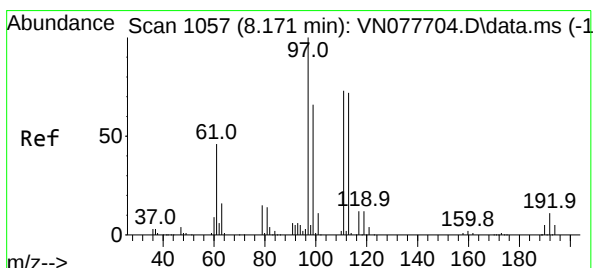
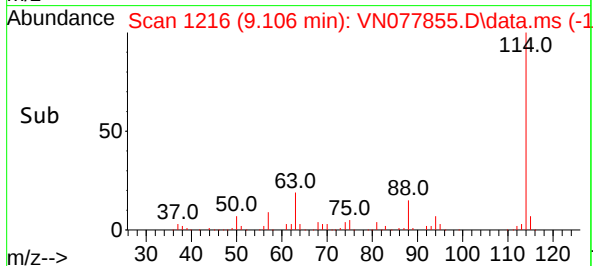
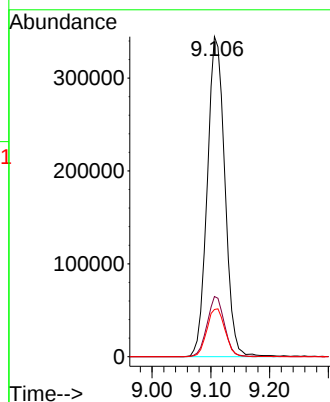
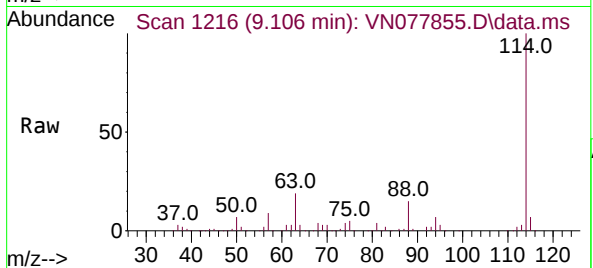




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077855.D
Acq: 24 May 2023 16:19

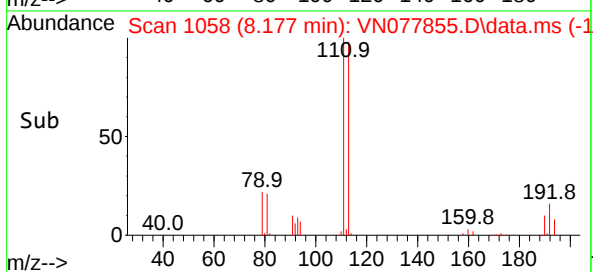
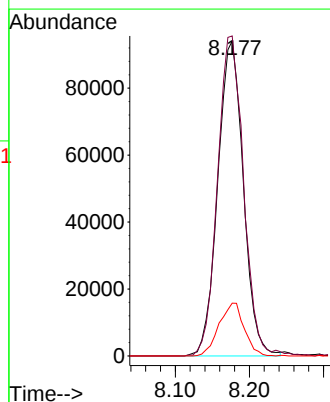
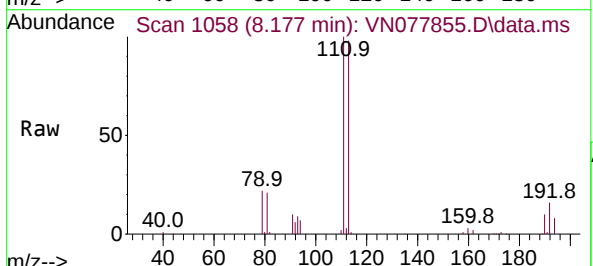
Instrument :
MSVOA_N
ClientSampleId :
TB-02-20230523

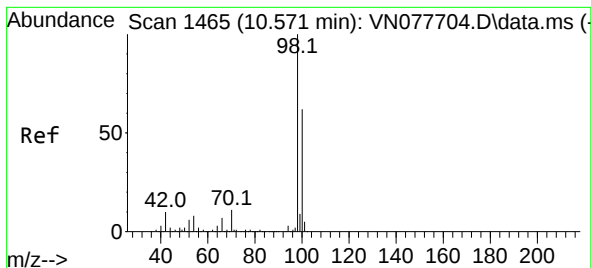
Tgt Ion:114 Resp: 716553
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.187 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077855.D
Acq: 24 May 2023 16:19

Tgt Ion:113 Resp: 225156
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.6 12.7 19.1





#50

Toluene-d8

Concen: 47.794 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN077855.D

Acq: 24 May 2023 16:19

Instrument :

MSVOA_N

ClientSampleId :

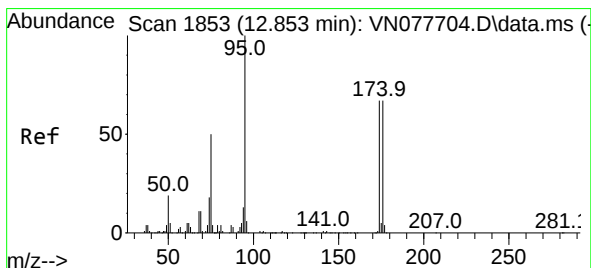
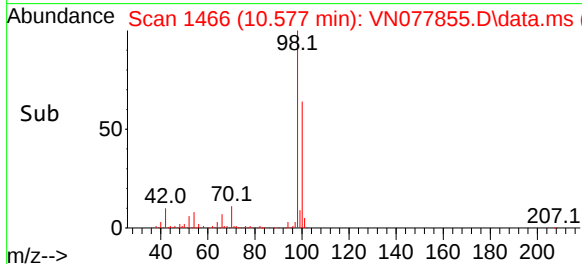
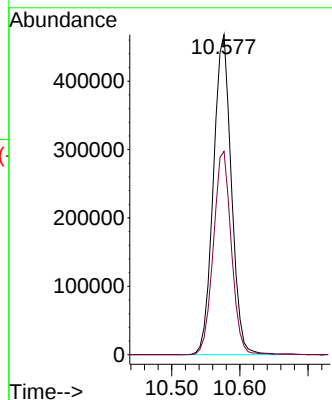
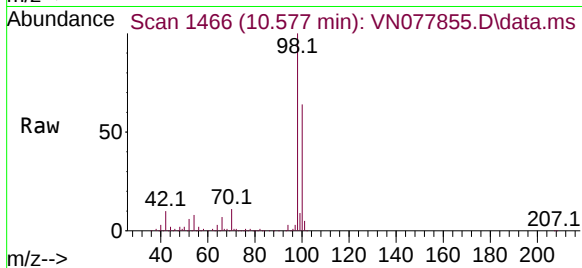
TB-02-20230523

Tgt Ion: 98 Resp: 859569

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.709 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077855.D

Acq: 24 May 2023 16:19

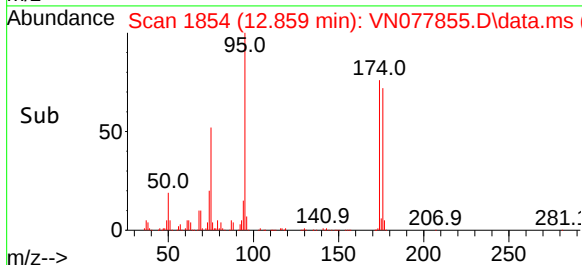
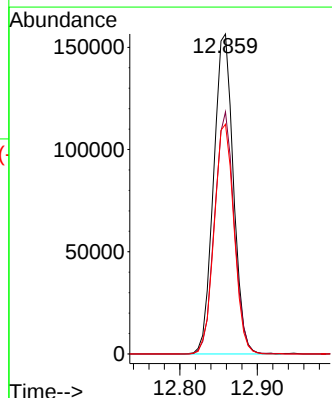
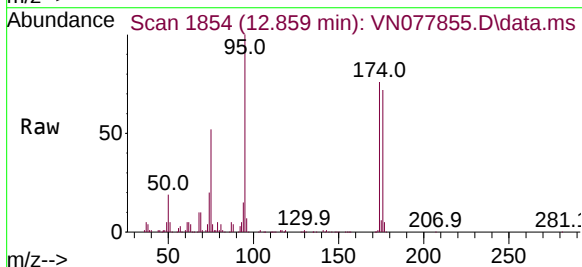
Tgt Ion: 95 Resp: 277635

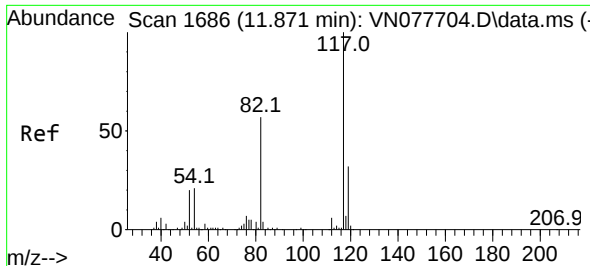
Ion Ratio Lower Upper

95 100

174 74.8 0.0 143.8

176 71.9 0.0 135.8

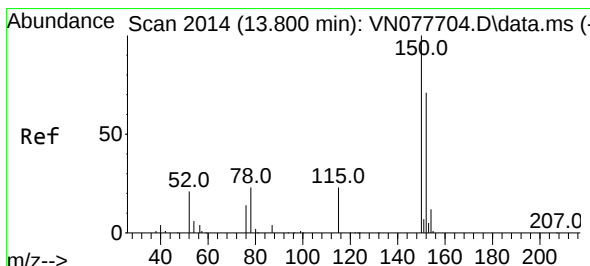
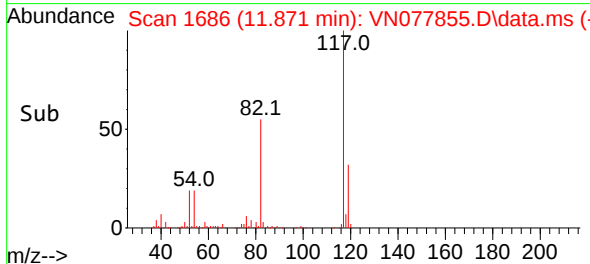
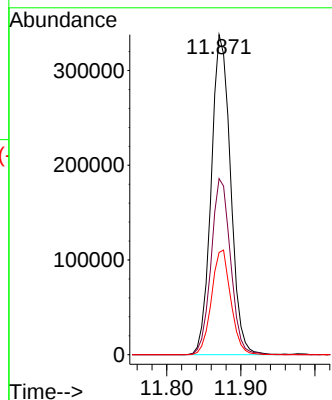
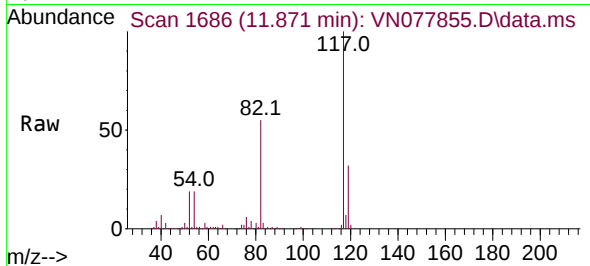




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077855.D
Acq: 24 May 2023 16:19

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MSVOA_N
ClientSampleId :
TB-02-20230523

Tgt Ion:117 Resp: 612551
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.0 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: VN077855.D
Acq: 24 May 2023 16:19

Tgt Ion:152 Resp: 200344
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 158.4 0.0 355.8

