

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077895.D
 Acq On : 25 May 2023 12:18
 Operator : JC\MD
 Sample : VN0525WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525WBL01

Quant Time: May 25 16:29:22 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	8.235	168	430190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	784195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	682233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	287232	44.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.240%
35) Dibromofluoromethane	8.177	113	248637	48.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	10.570	98	961706	48.860	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.853	95	311144	44.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.520%

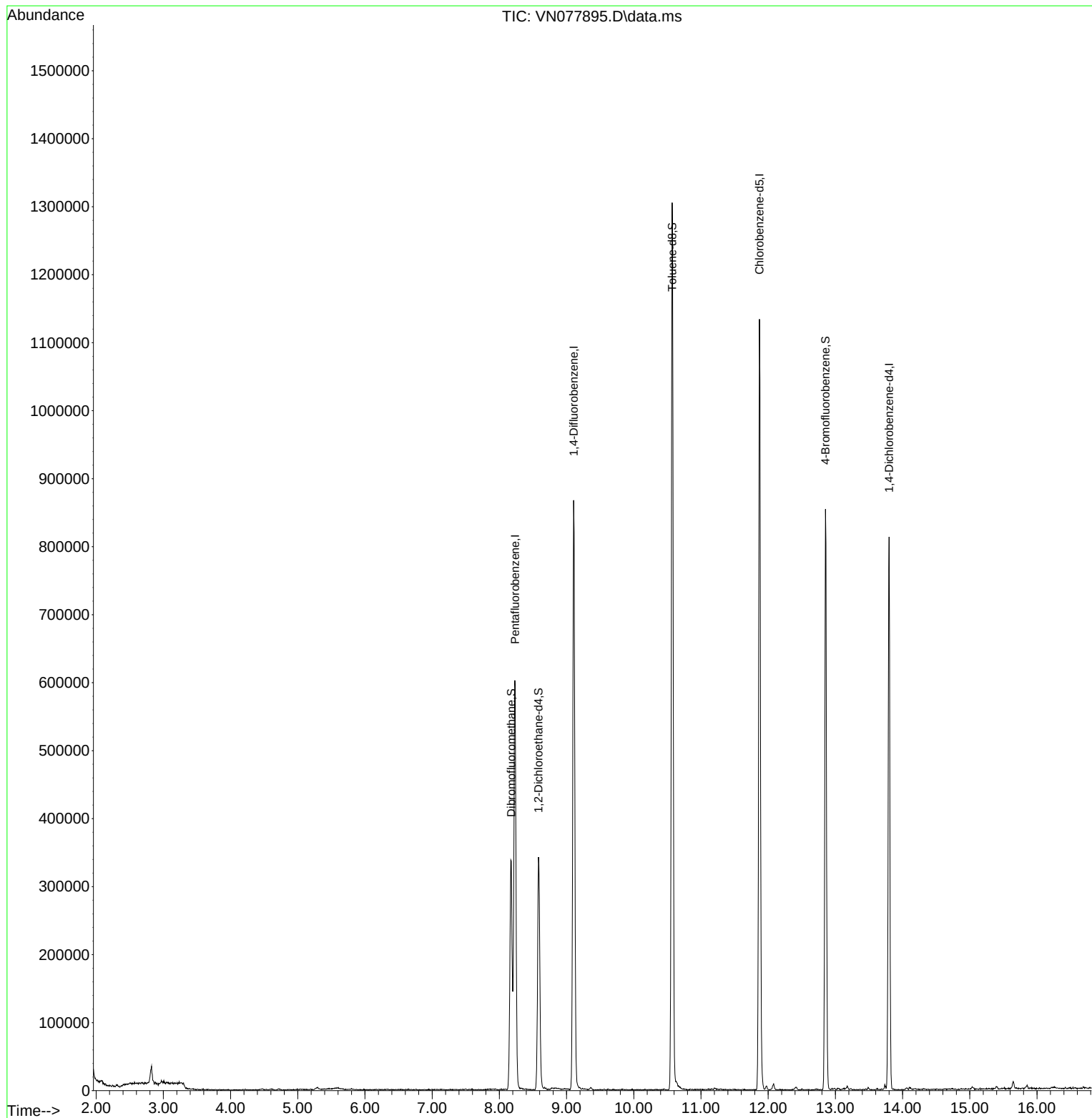
Target Compounds	Qvalue

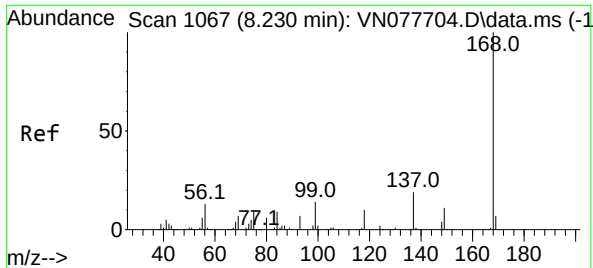
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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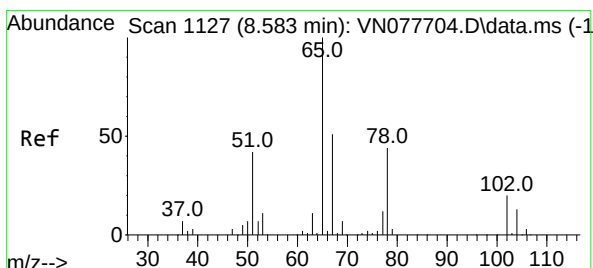
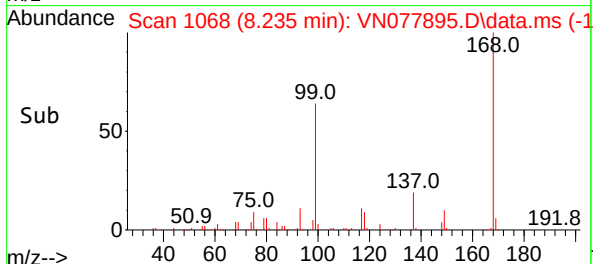
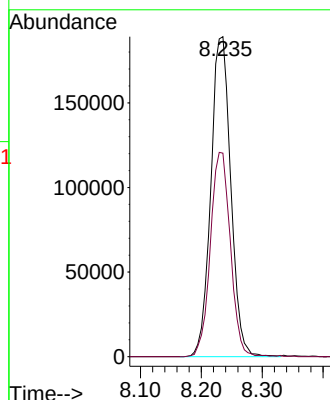
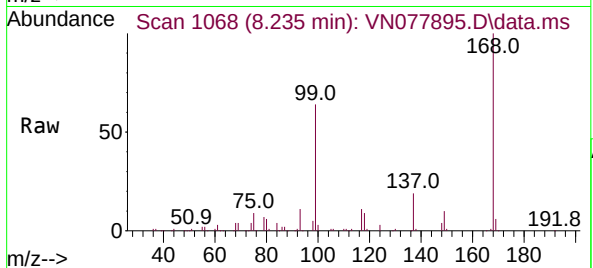




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077895.D
Acq: 25 May 2023 12:18

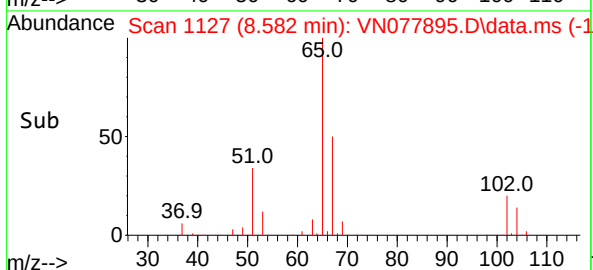
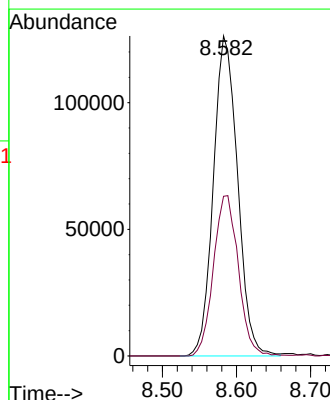
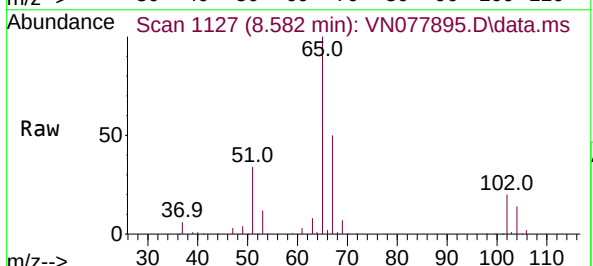
Instrument :
MSVOA_N
ClientSampleId :
VN0525WBL01

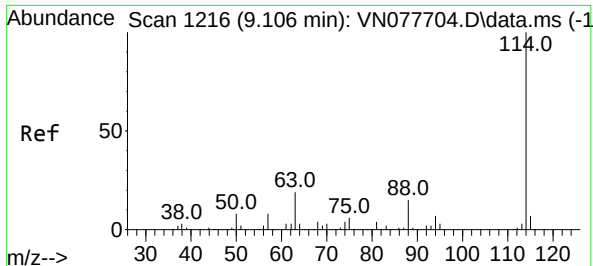
Tgt Ion:168 Resp: 430190
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.624 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077895.D
Acq: 25 May 2023 12:18

Tgt Ion: 65 Resp: 287232
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077895.D

Acq: 25 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0525WBL01

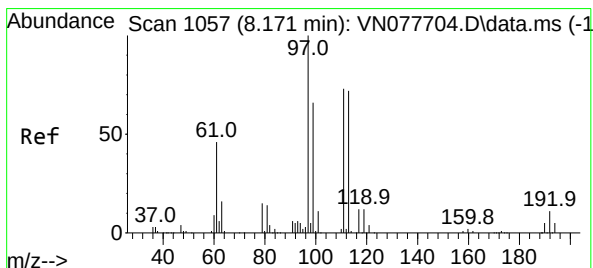
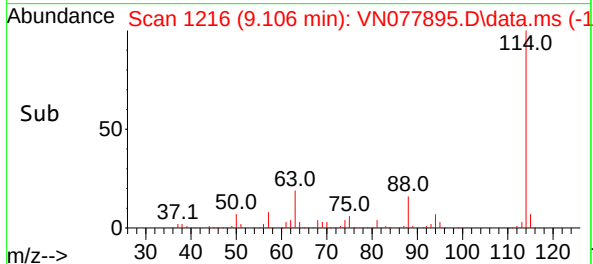
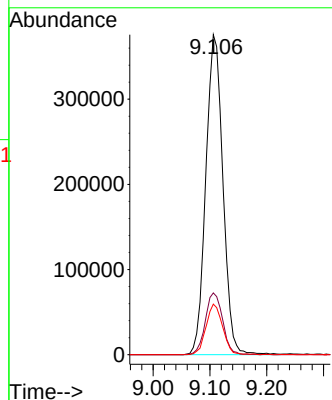
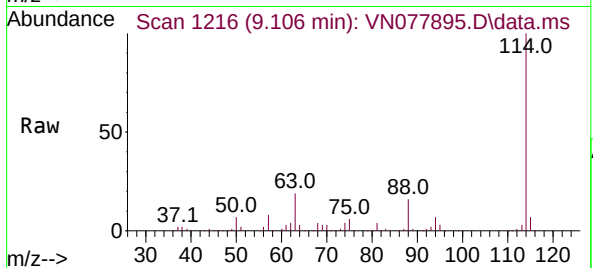
Tgt Ion:114 Resp: 784195

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.622 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077895.D

Acq: 25 May 2023 12:18

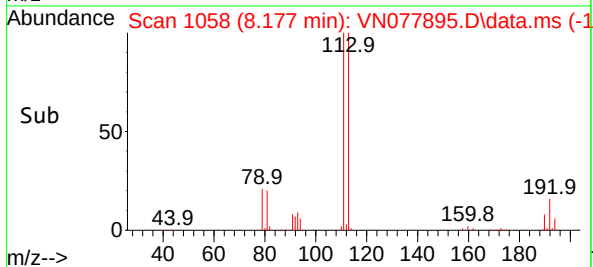
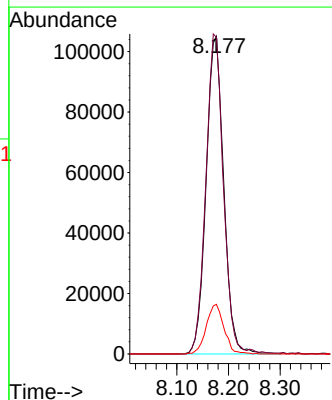
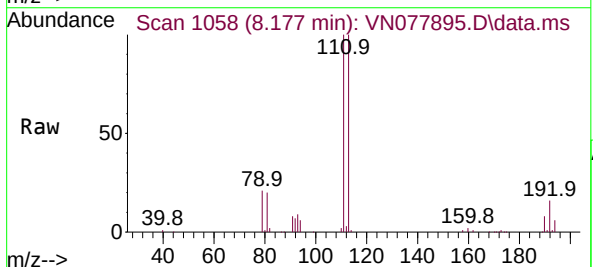
Tgt Ion:113 Resp: 248637

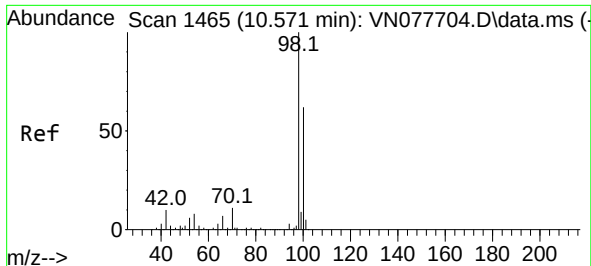
Ion Ratio Lower Upper

113 100

111 99.8 82.6 123.8

192 15.8 12.7 19.1

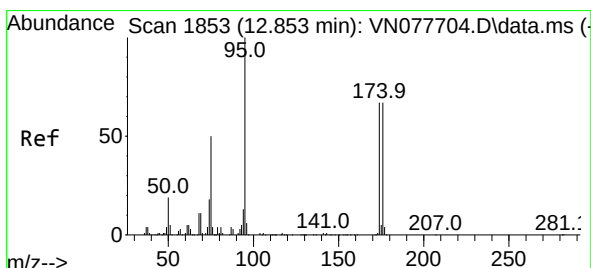
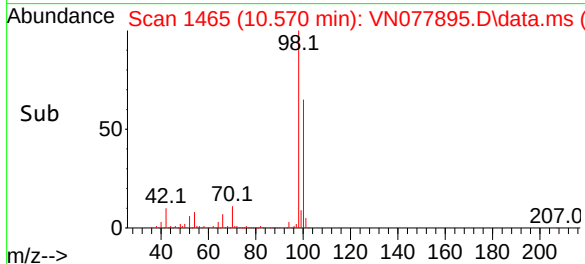
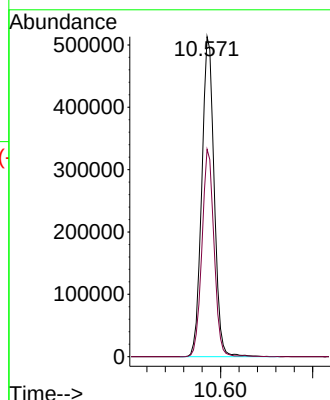
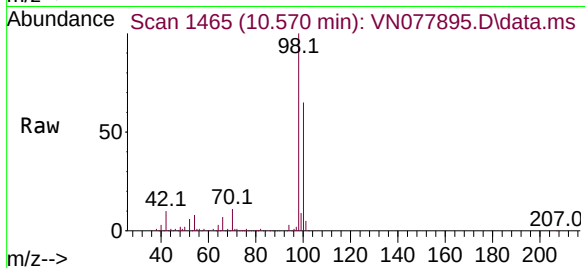




#50
Toluene-d8
Concen: 48.860 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077895.D
Acq: 25 May 2023 12:18

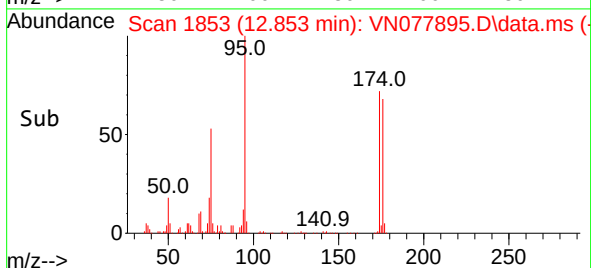
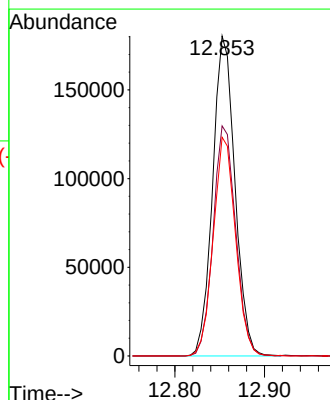
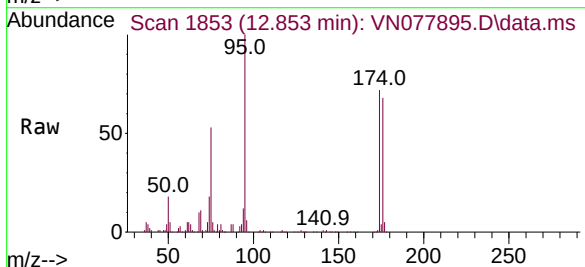
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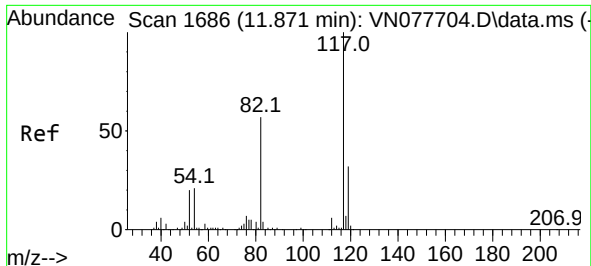
Tgt Ion: 98 Resp: 961706
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.759 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077895.D
Acq: 25 May 2023 12:18

Tgt Ion: 95 Resp: 311144
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 68.6 0.0 135.8

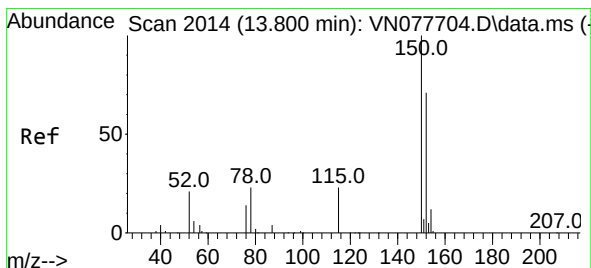
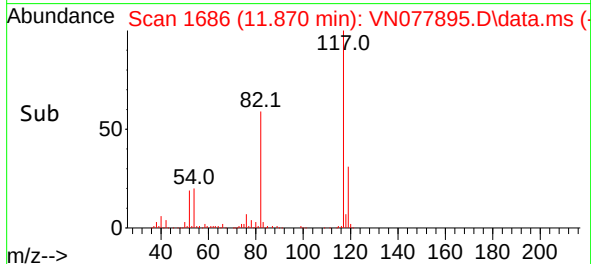
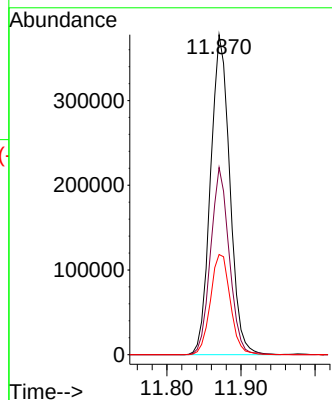
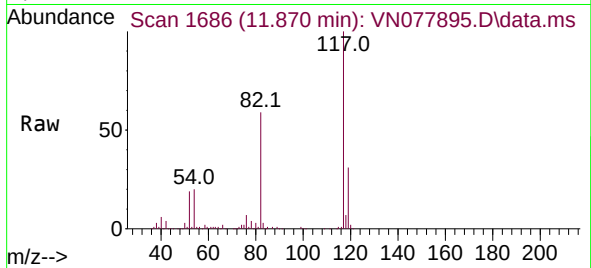




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077895.D
Acq: 25 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0525WBL01

Tgt Ion:117 Resp: 682233
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.3 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: VN077895.D
Acq: 25 May 2023 12:18

Tgt Ion:152 Resp: 223745
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 154.1 0.0 355.8

