

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077856.D
 Acq On : 24 May 2023 16:43
 Operator : JC\MD
 Sample : 02880-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20230519

Quant Time: May 25 01:43:14 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)

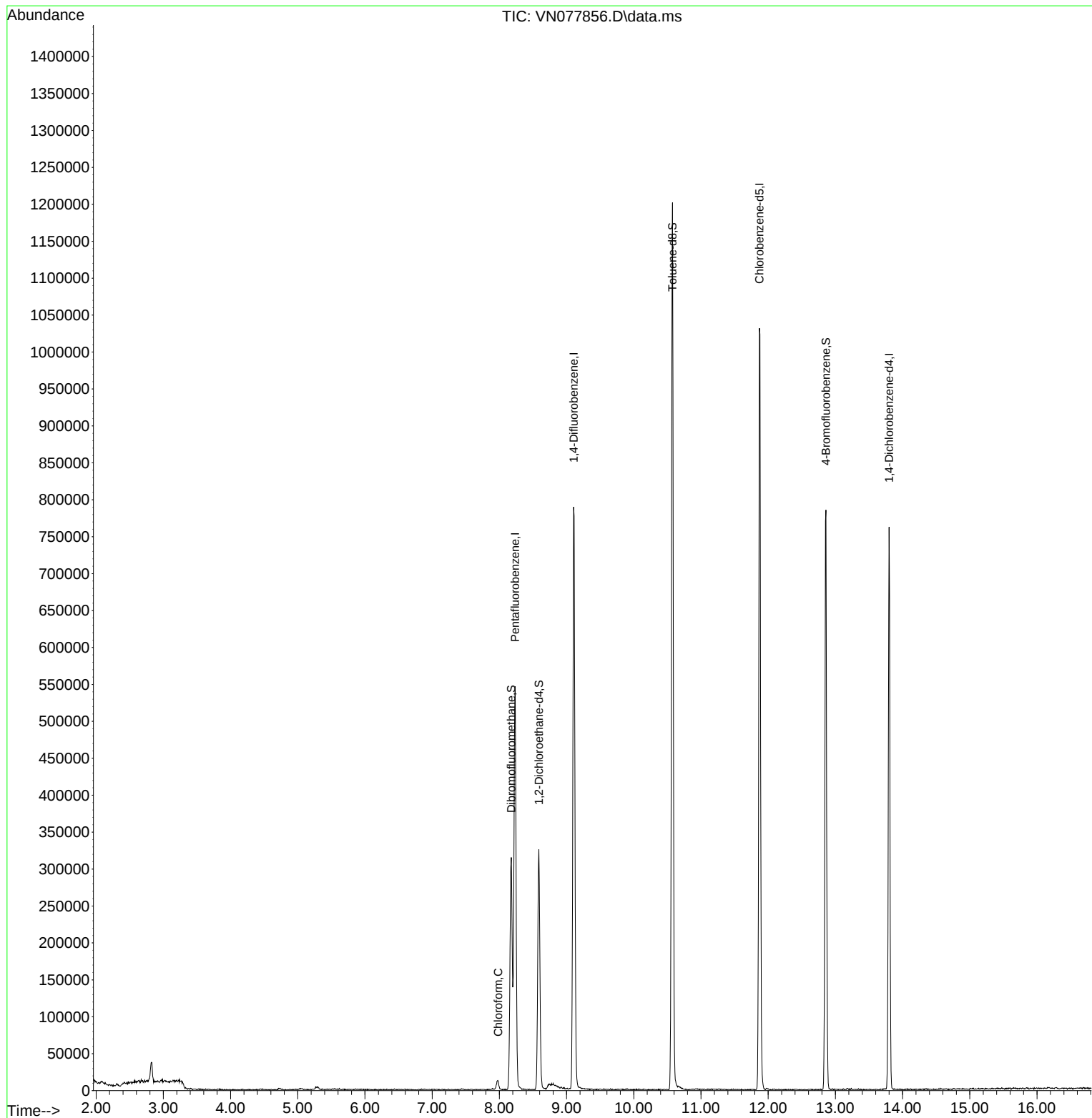
Internal Standards						
1) Pentafluorobenzene	8.235	168	396318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	622934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	199058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267525	45.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	8.177	113	229328	49.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	10.576	98	868342	48.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.859	95	285053	45.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
30) Chloroform	7.982	83	12665	1.309	ug/l	Qvalue 93

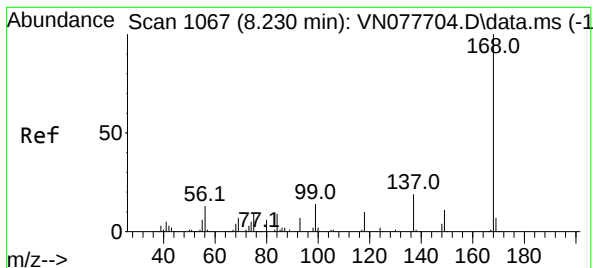
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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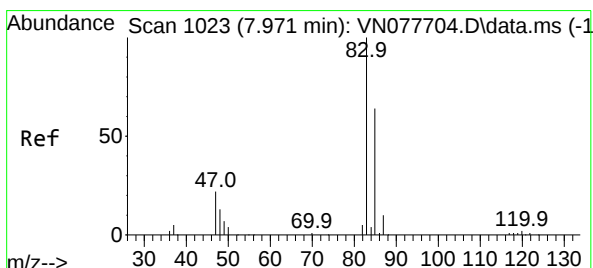
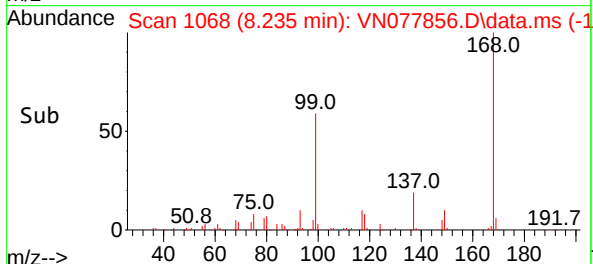
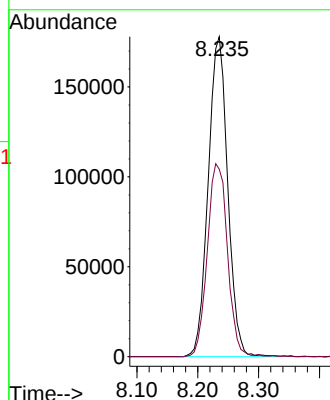
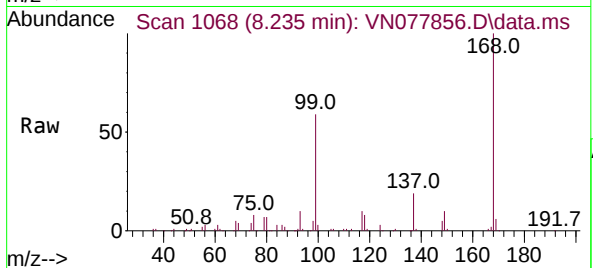




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

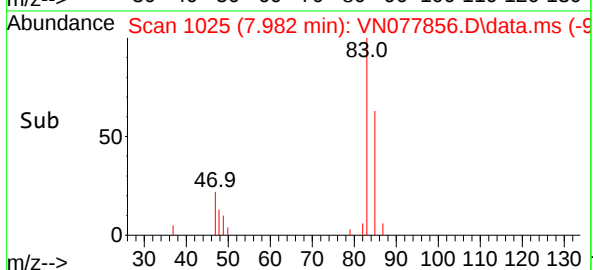
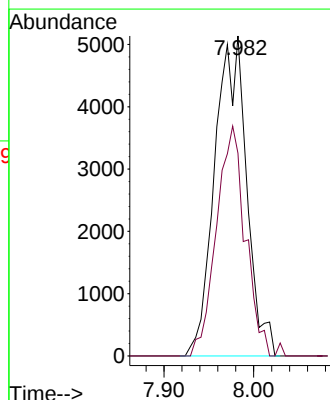
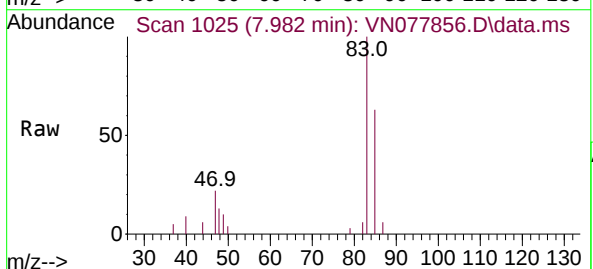
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

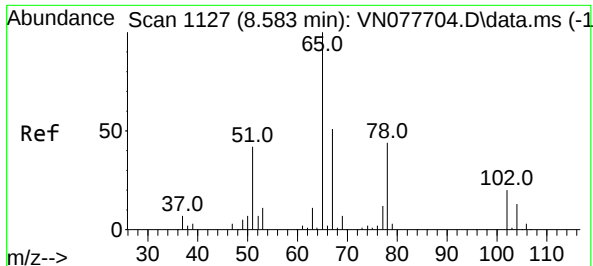
Tgt Ion:168 Resp: 396318
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#30
Chloroform
Concen: 1.309 ug/l
RT: 7.982 min Scan# 1025
Delta R.T. 0.011 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 83 Resp: 12665
Ion Ratio Lower Upper
83 100
85 63.3 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 45.114 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077856.D

Acq: 24 May 2023 16:43

Instrument :

MSVOA_N

ClientSampleId :

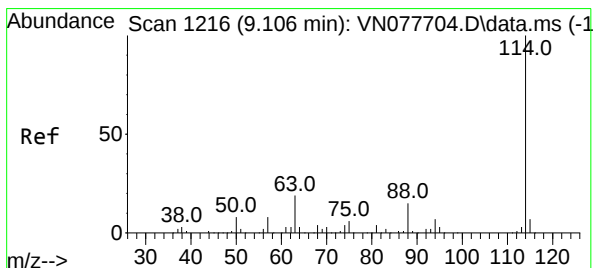
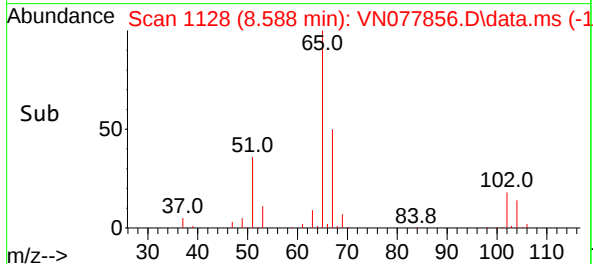
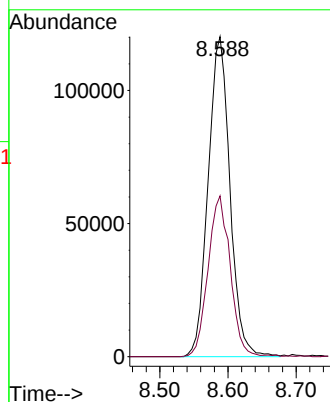
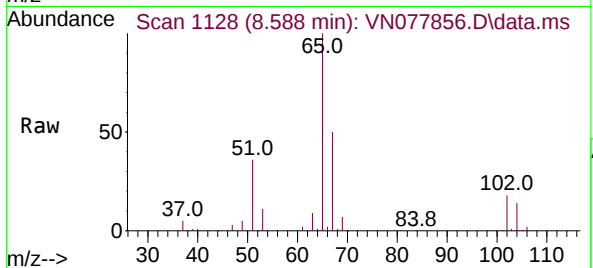
EB01-20230519

Tgt Ion: 65 Resp: 267525

Ion Ratio Lower Upper

65 100

67 51.1 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: VN077856.D

Acq: 24 May 2023 16:43

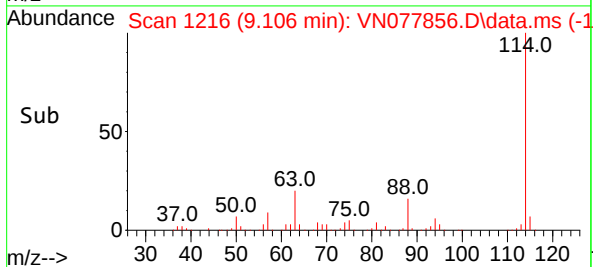
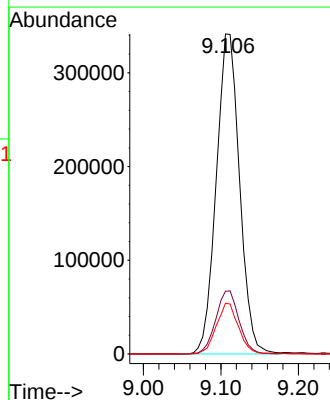
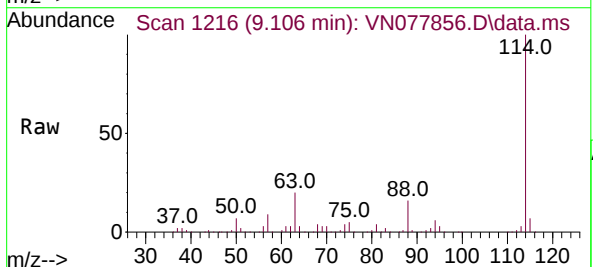
Tgt Ion: 114 Resp: 713178

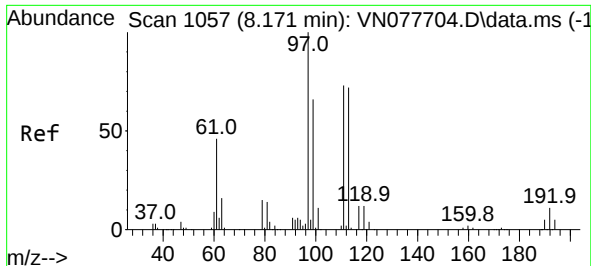
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.312 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077856.D

Acq: 24 May 2023 16:43

Instrument :

MSVOA_N

ClientSampleId :

EB01-20230519

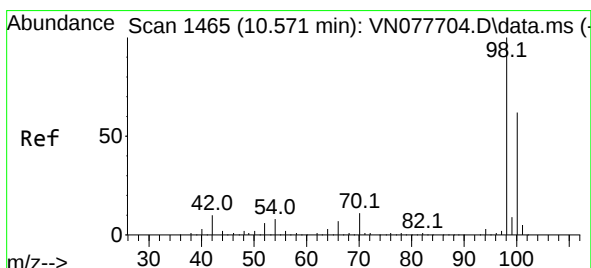
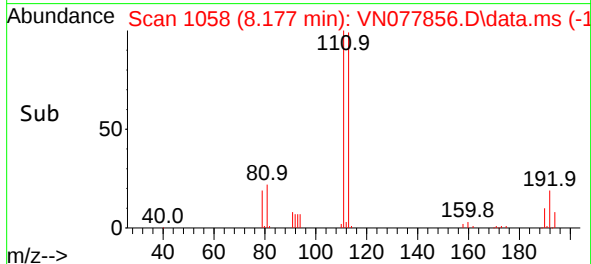
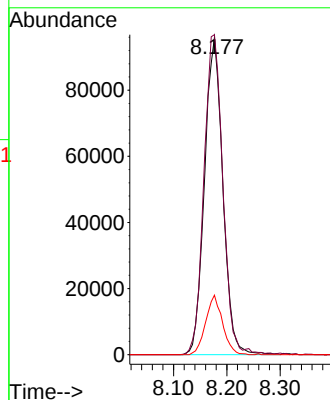
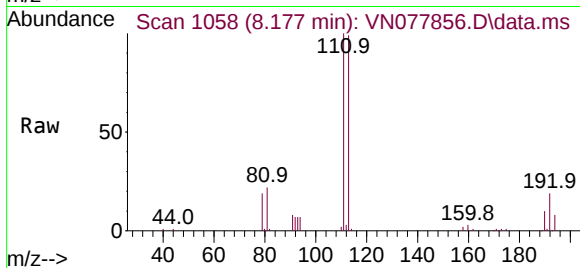
Tgt Ion:113 Resp: 229328

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.3 12.7 19.1



#50

Toluene-d8

Concen: 48.510 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077856.D

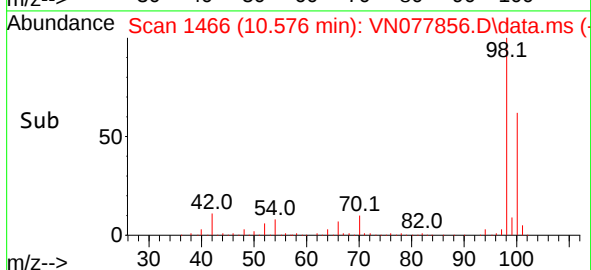
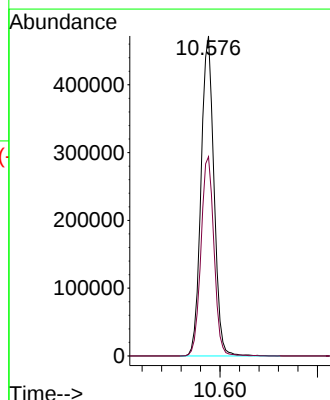
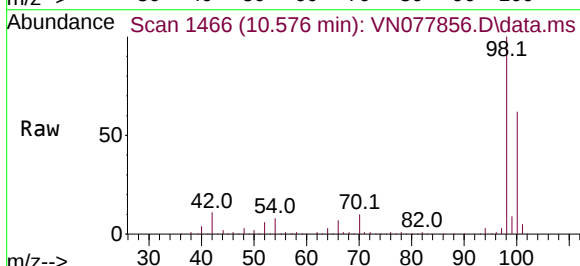
Acq: 24 May 2023 16:43

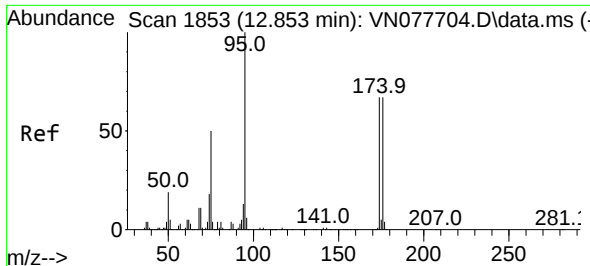
Tgt Ion: 98 Resp: 868342

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0

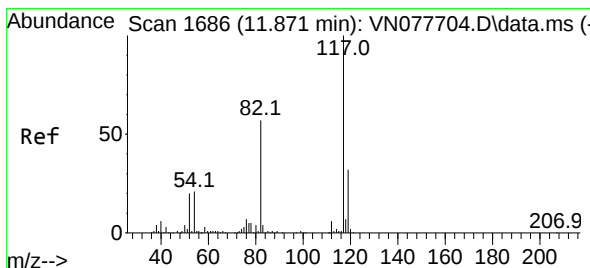
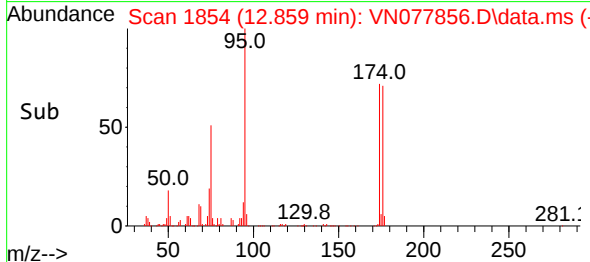
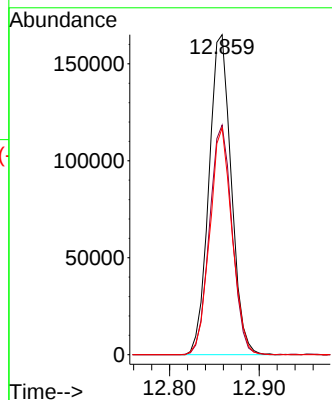
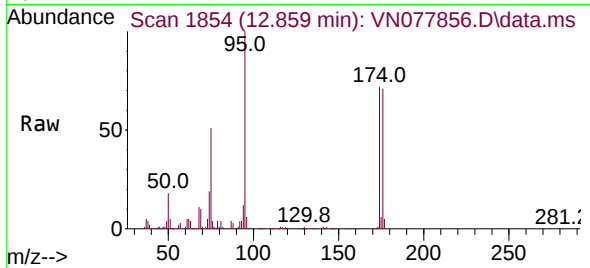




#62
4-Bromofluorobenzene
Concen: 45.089 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

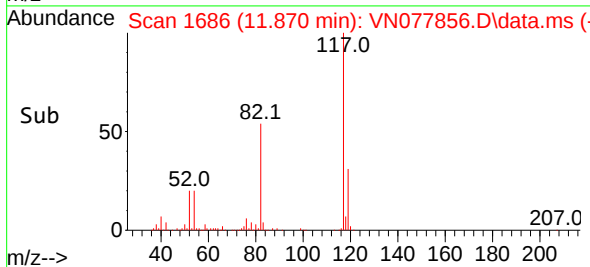
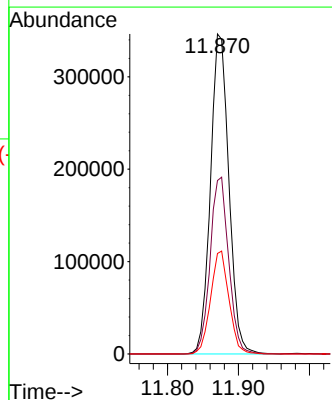
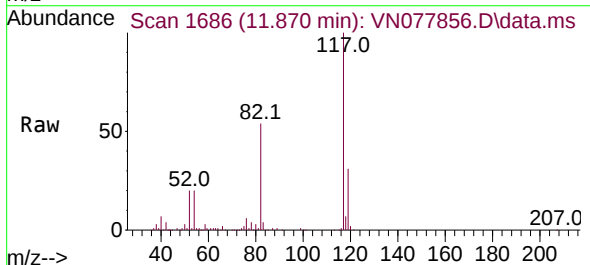
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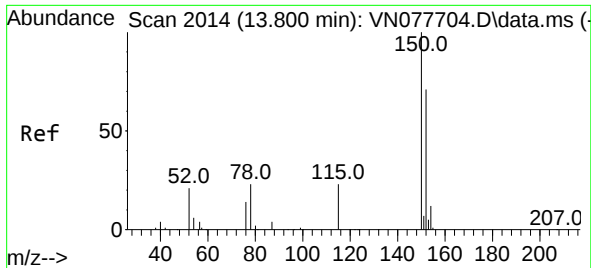
Tgt Ion: 95 Resp: 285053
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

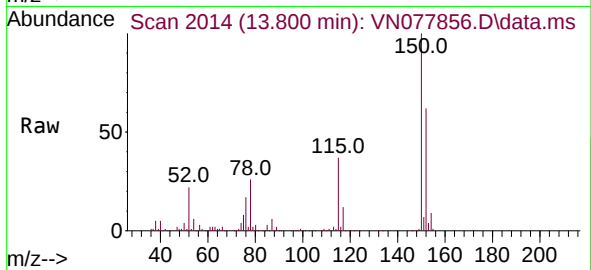
Tgt Ion: 117 Resp: 622934
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077856.D
 Acq: 24 May 2023 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20230519



Tgt Ion:152 Resp: 199058
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 161.8 0.0 355.8

