

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076956.D
 Acq On : 13 Mar 2023 12:55
 Operator : JC\MD
 Sample : 01842-02
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-228

Quant Time: Mar 13 13:12:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	387502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	630769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	253442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	255916	44.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.520%
35) Dibromofluoromethane	8.172	113	190635	45.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	10.566	98	764332	49.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.854	95	280725	49.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%

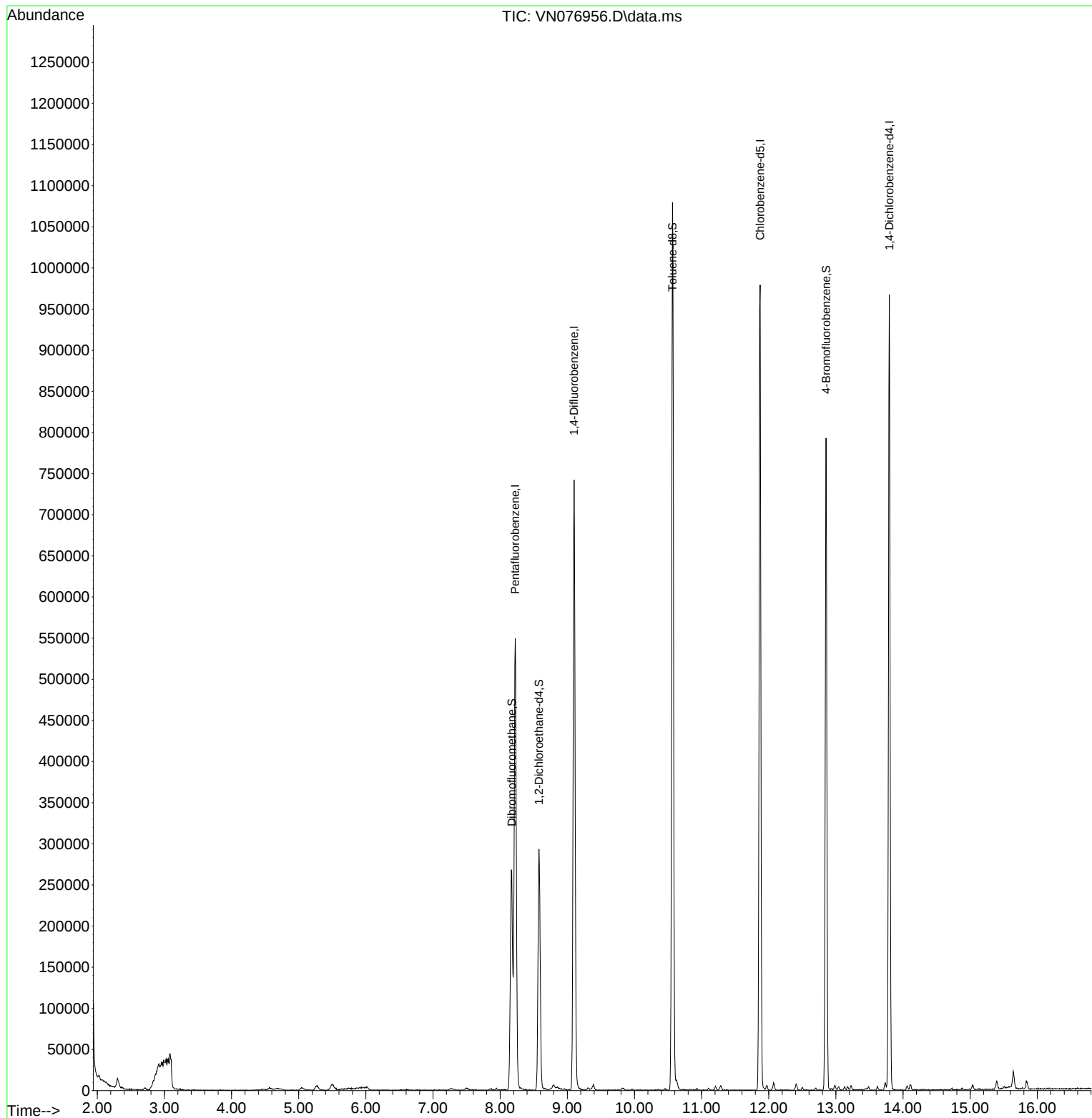
Target Compounds	Qvalue

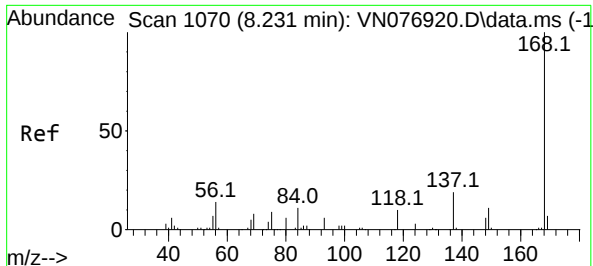
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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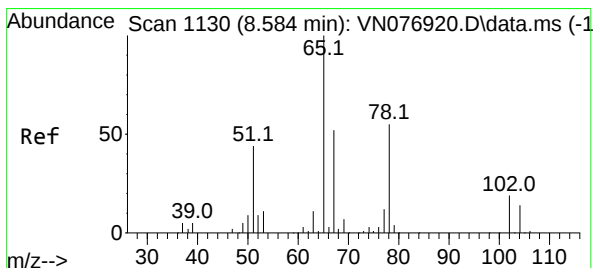
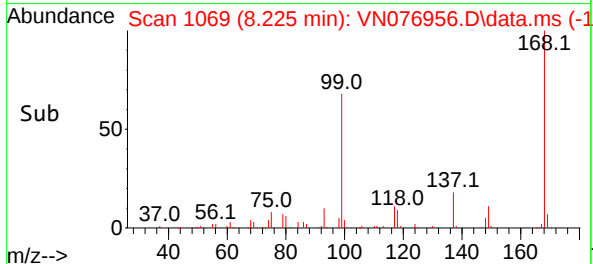
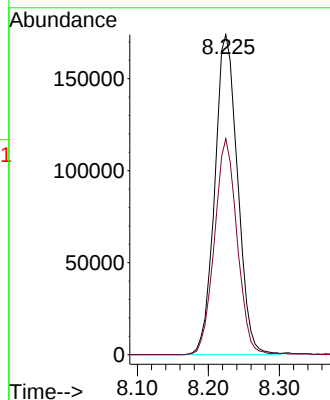
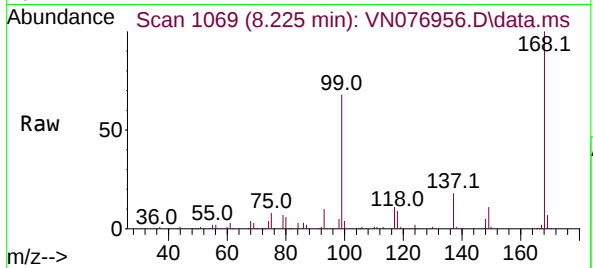




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

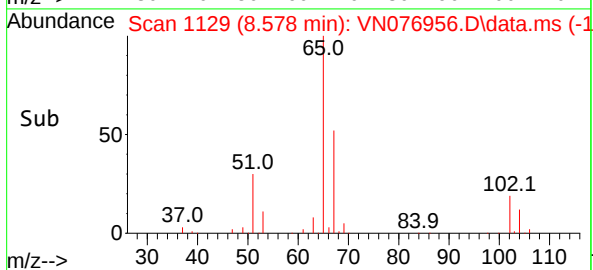
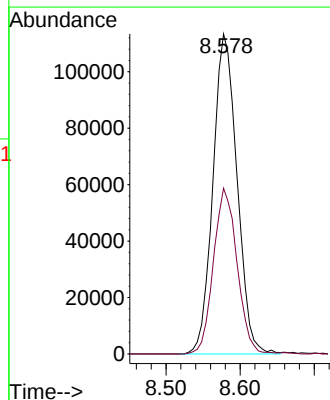
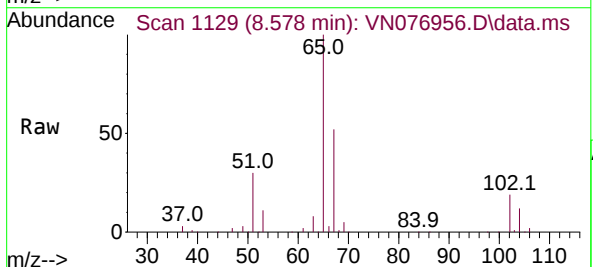
Instrument :
MSVOA_N
ClientSampleId :
VNJ-228

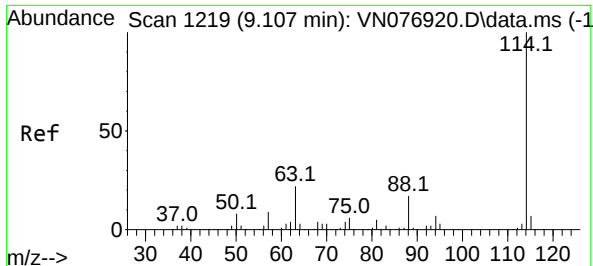
Tgt Ion:168 Resp: 387502
Ion Ratio Lower Upper
168 100
99 67.5 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 44.256 ug/l
RT: 8.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

Tgt Ion: 65 Resp: 255916
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076956.D

Acq: 13 Mar 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VNJ-228

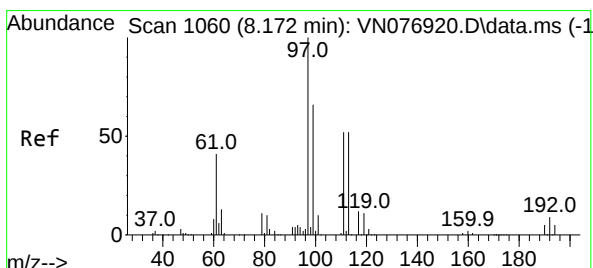
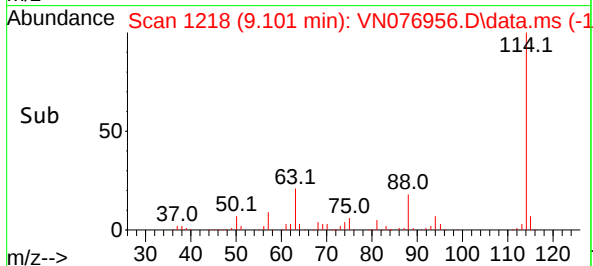
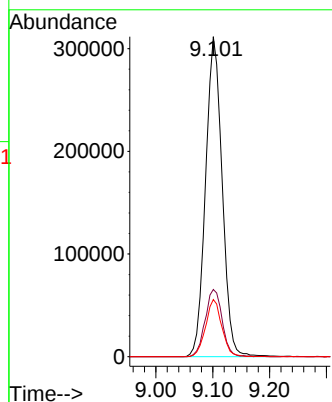
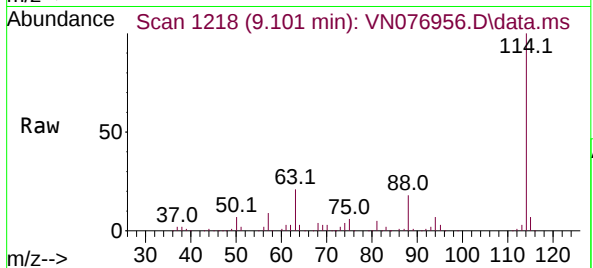
Tgt Ion:114 Resp: 630769

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 17.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 45.348 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076956.D

Acq: 13 Mar 2023 12:55

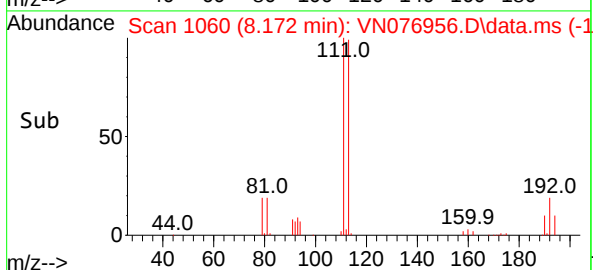
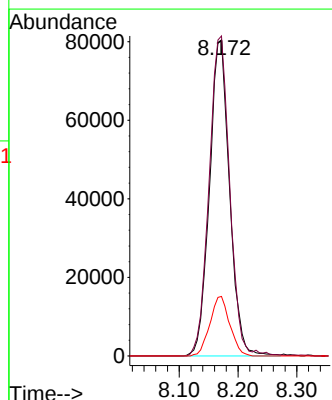
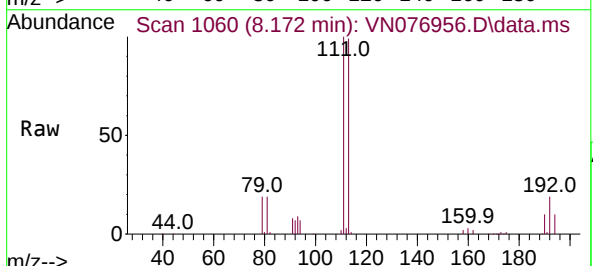
Tgt Ion:113 Resp: 190635

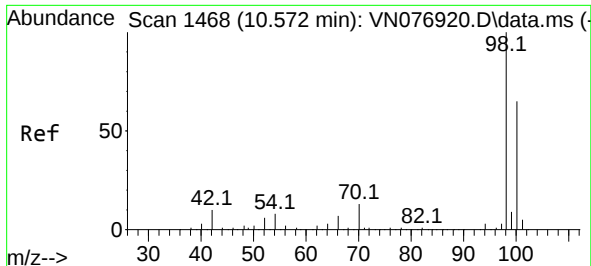
Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

192 18.6 13.9 20.9

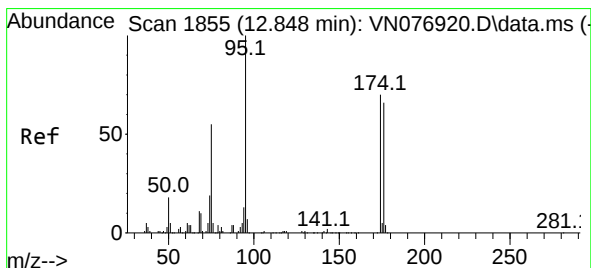
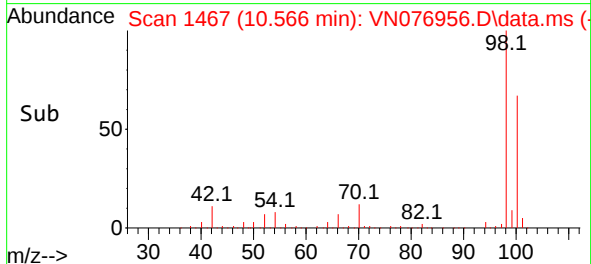
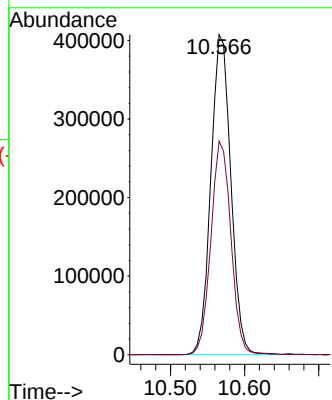
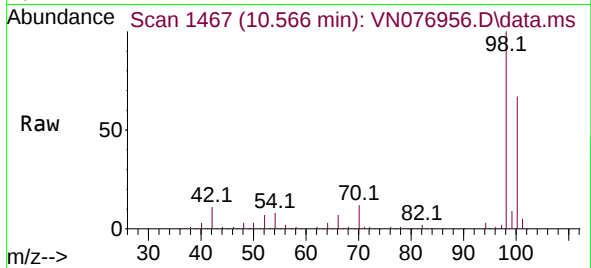




#50
Toluene-d8
Concen: 49.333 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

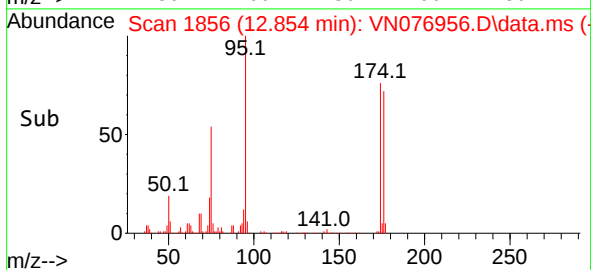
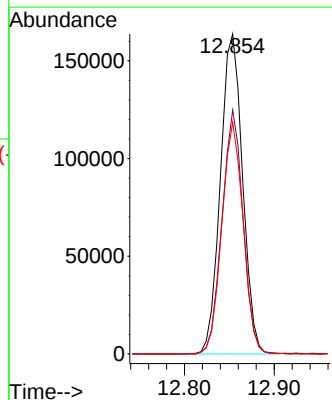
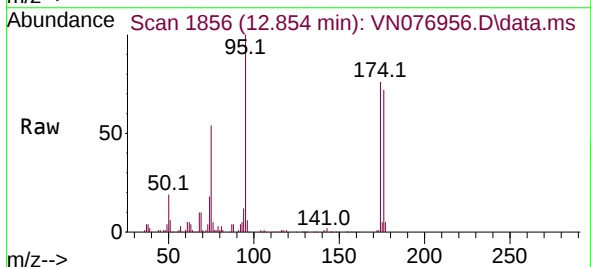
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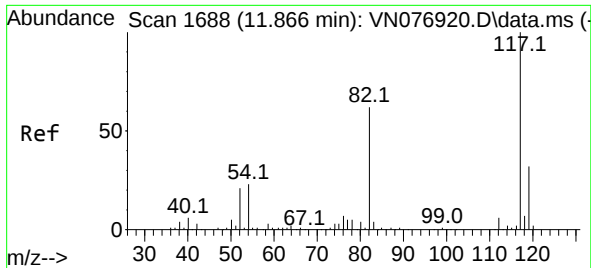
Tgt Ion: 98 Resp: 764332
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.537 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

Tgt Ion: 95 Resp: 280725
Ion Ratio Lower Upper
95 100
174 72.4 0.0 162.4
176 69.9 0.0 157.4

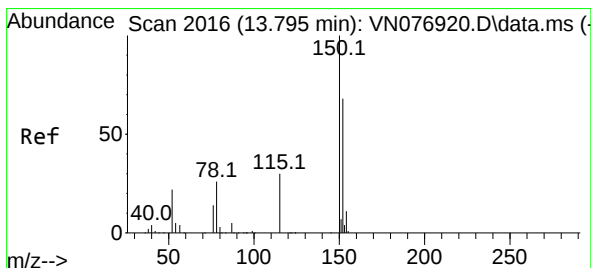
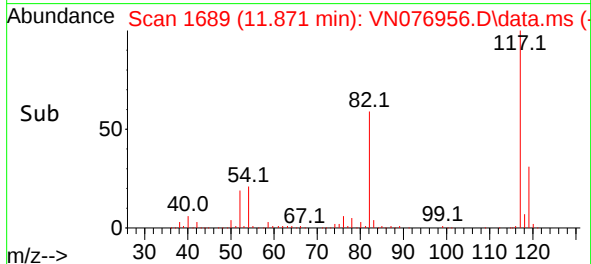
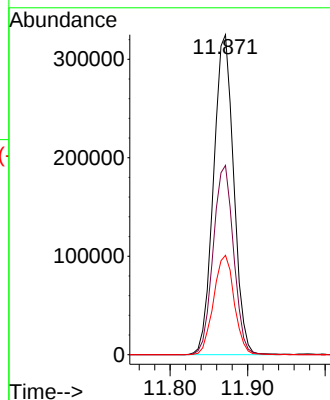
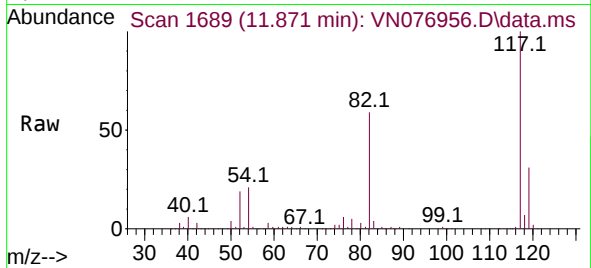




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VNJ-228

Tgt Ion:117 Resp: 586498
Ion Ratio Lower Upper
117 100
82 59.1 43.5 65.3
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076956.D
Acq: 13 Mar 2023 12:55

Tgt Ion:152 Resp: 253442
Ion Ratio Lower Upper
152 100
115 66.1 30.3 90.9
150 159.3 0.0 353.6

