

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078659.D
 Acq On : 27 Jul 2023 13:44
 Operator : JC\MD
 Sample : 03769-08ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P39BME

Quant Time: Jul 27 16:01:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

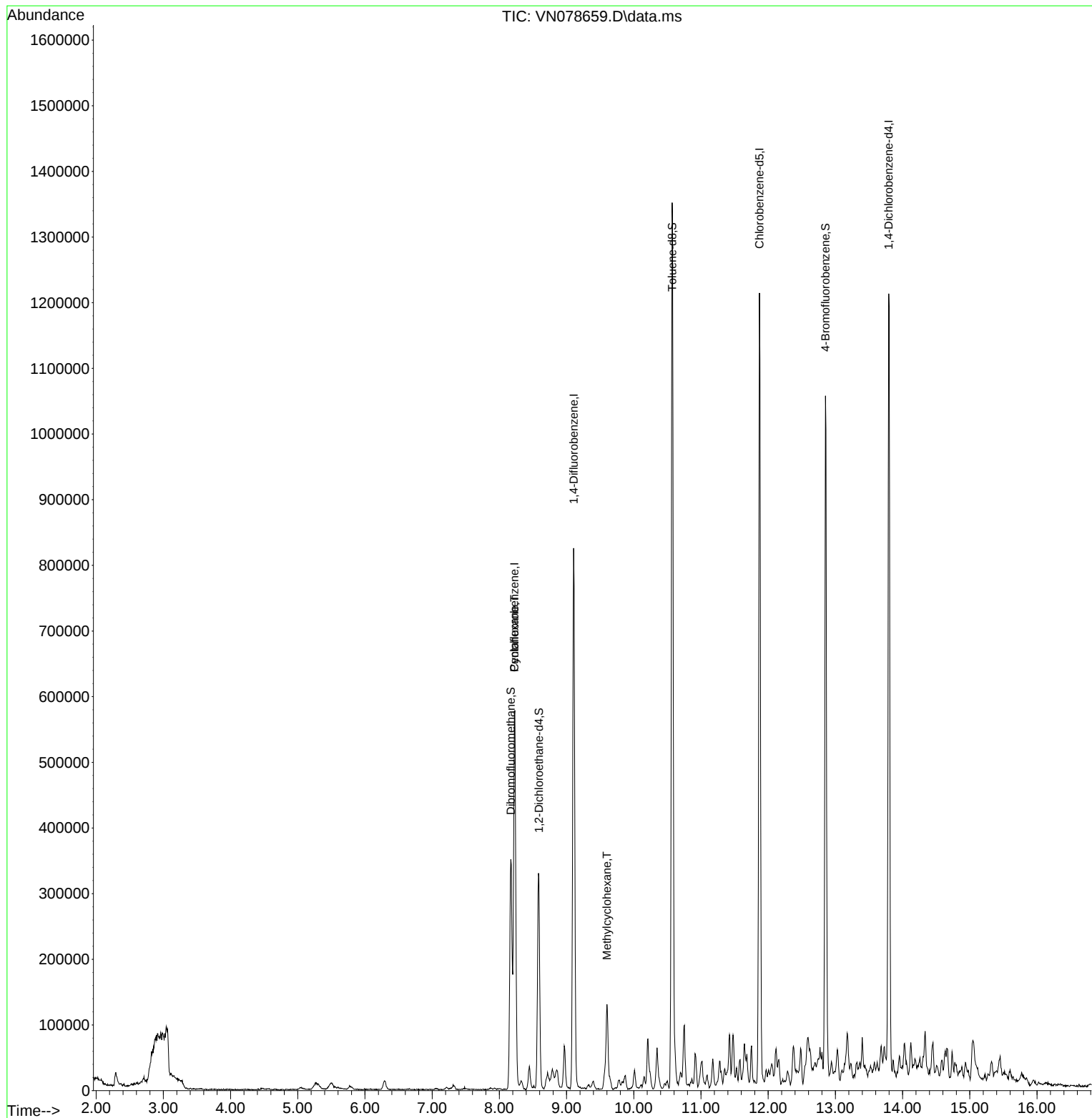
Internal Standards						
1) Pentafluorobenzene	8.224	168	420764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	754556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	716909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	330883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265239	47.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.040%		
35) Dibromofluoromethane	8.171	113	257424	50.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	10.571	98	912366	47.151	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.853	95	349642	58.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.320%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.224	56	17252	2.263	ug/l #	66
39) Methylcyclohexane	9.600	83	53049	7.858	ug/l	94

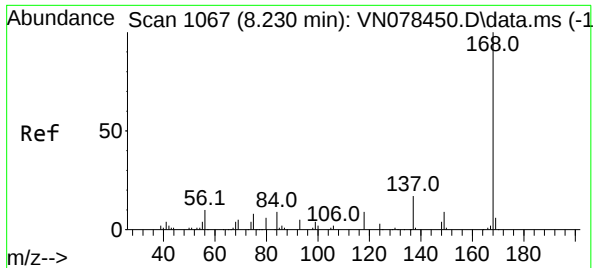
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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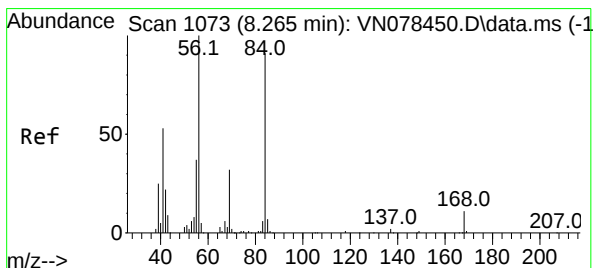
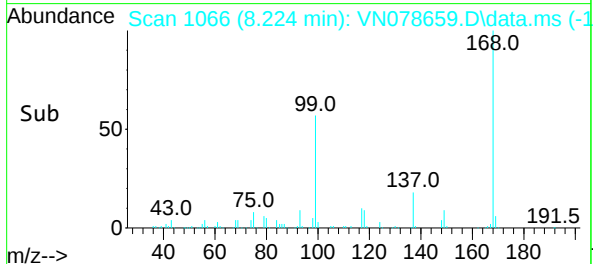
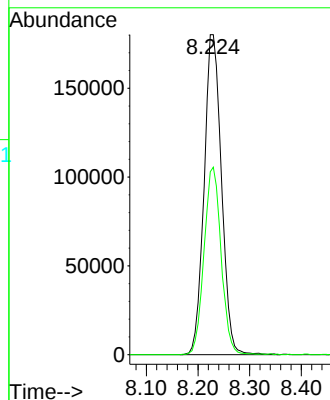
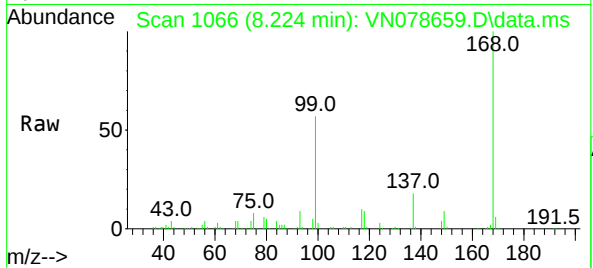




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN078659.D
Acq: 27 Jul 2023 13:44

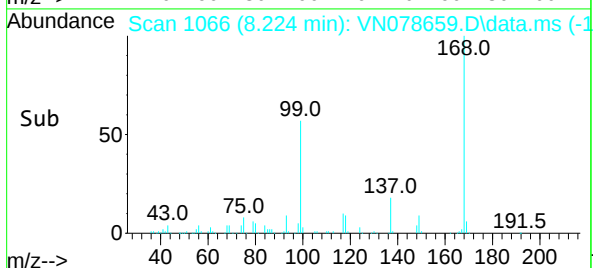
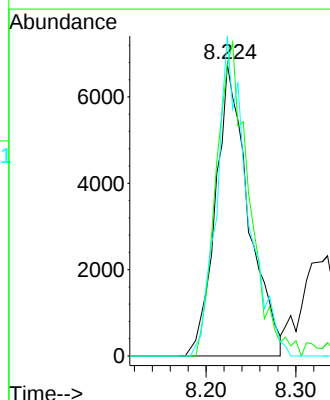
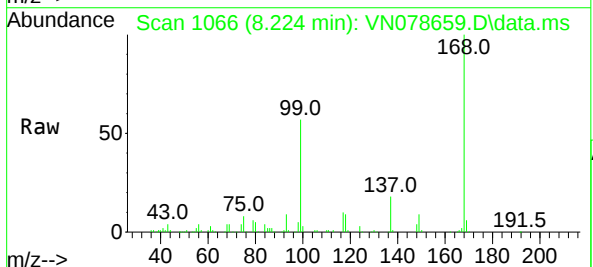
Instrument :
MSVOA_N
ClientSampleId :
B-P39BME

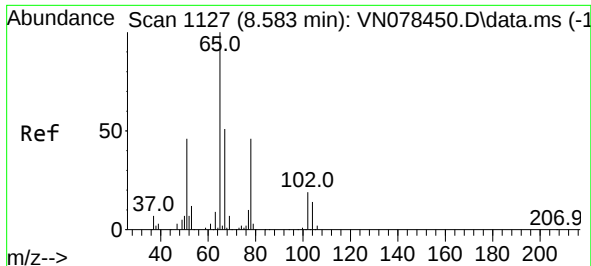
Tgt Ion:168 Resp: 420764
Ion Ratio Lower Upper
168 100
99 57.2 53.0 79.6



#31
Cyclohexane
Concen: 2.263 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078659.D
Acq: 27 Jul 2023 13:44

Tgt Ion: 56 Resp: 17252
Ion Ratio Lower Upper
56 100
69 99.7 26.8 40.2#
84 109.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 47.022 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078659.D

Acq: 27 Jul 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

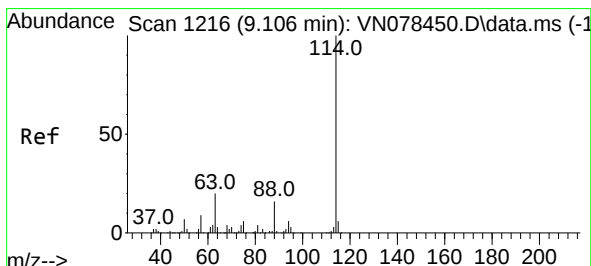
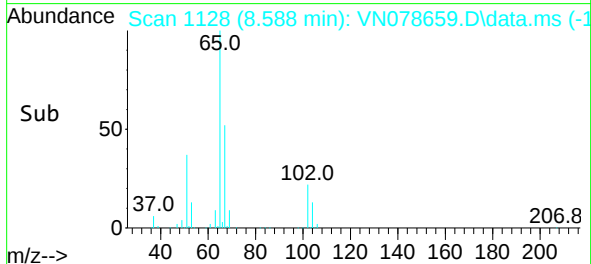
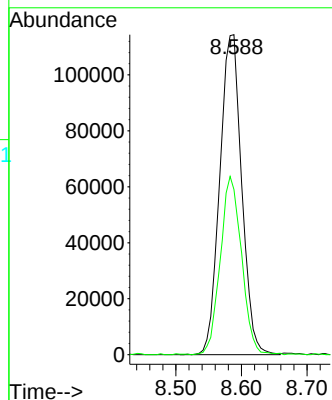
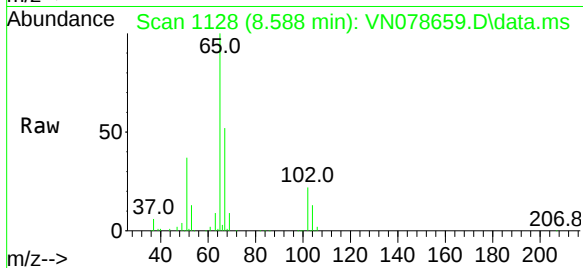
B-P39BME

Tgt Ion: 65 Resp: 265239

Ion Ratio Lower Upper

65 100

67 54.0 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: VN078659.D

Acq: 27 Jul 2023 13:44

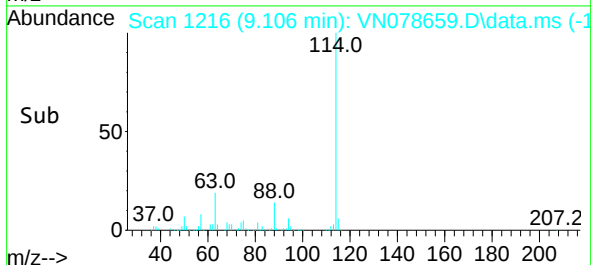
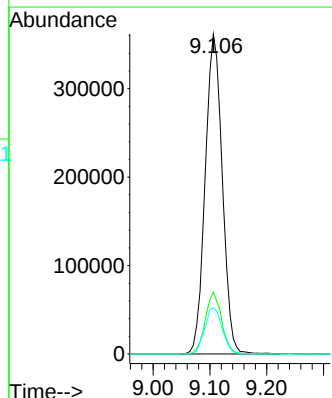
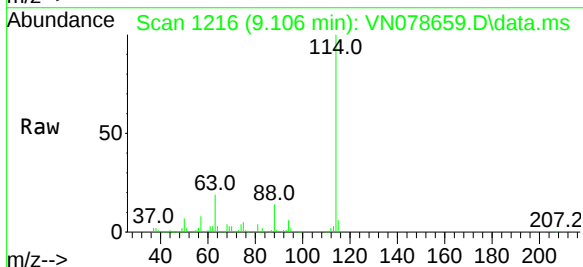
Tgt Ion: 114 Resp: 754556

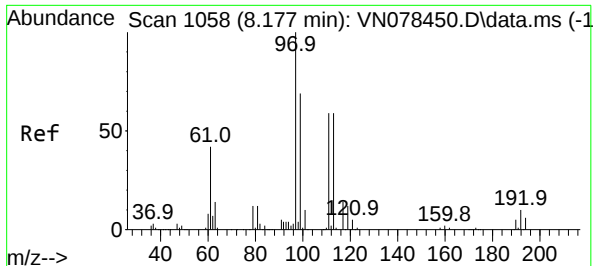
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.257 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078659.D

Acq: 27 Jul 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

B-P39BME

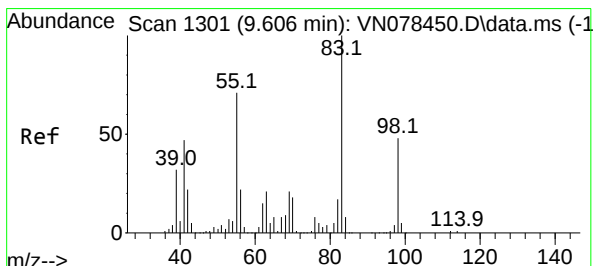
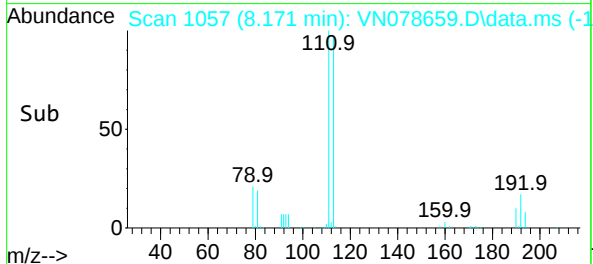
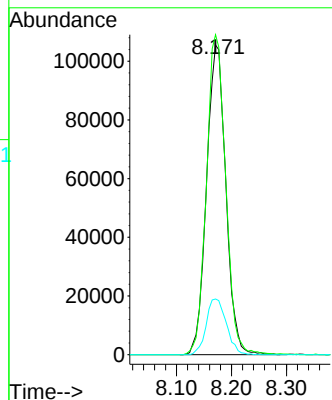
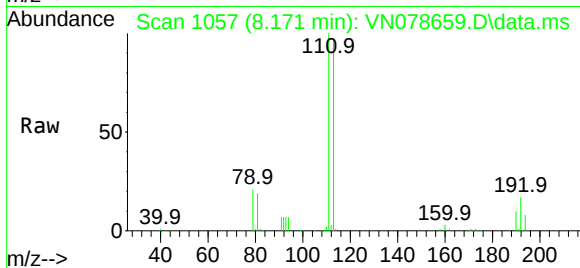
Tgt Ion:113 Resp: 257424

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.8 12.7 19.1



#39

Methylcyclohexane

Concen: 7.858 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN078659.D

Acq: 27 Jul 2023 13:44

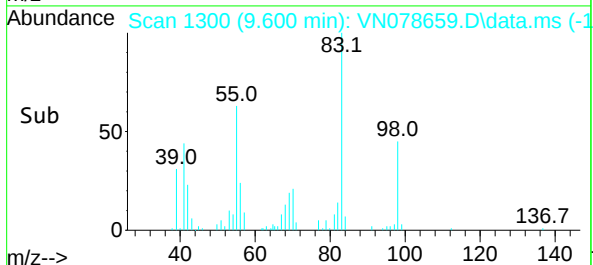
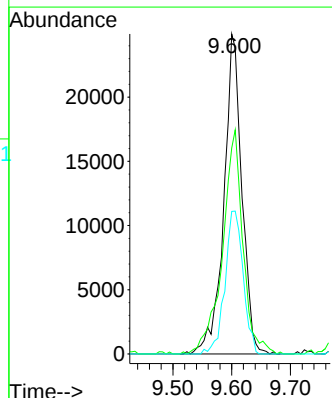
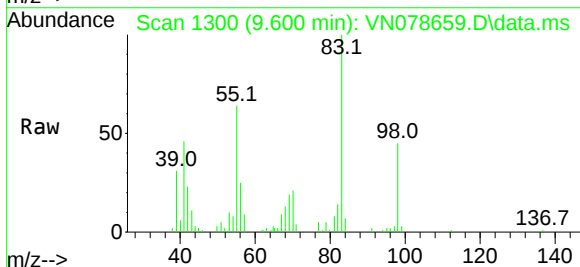
Tgt Ion: 83 Resp: 53049

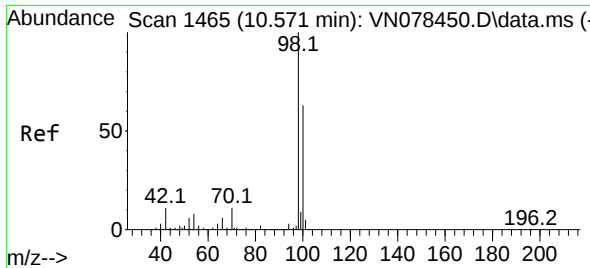
Ion Ratio Lower Upper

83 100

55 64.3 49.1 73.7

98 44.5 40.6 61.0

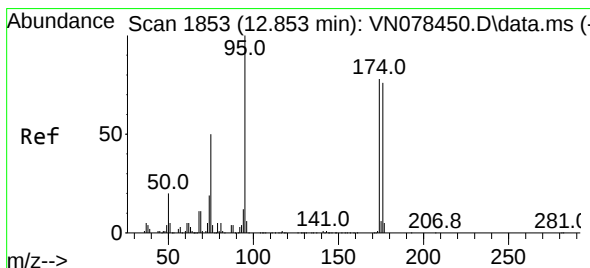
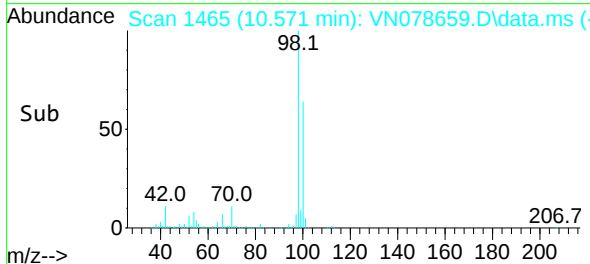
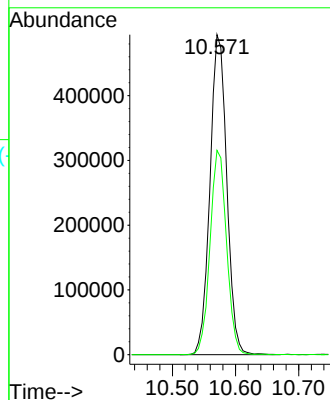
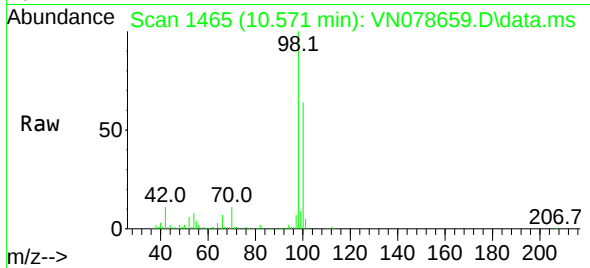




#50
Toluene-d8
Concen: 47.151 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078659.D
Acq: 27 Jul 2023 13:44

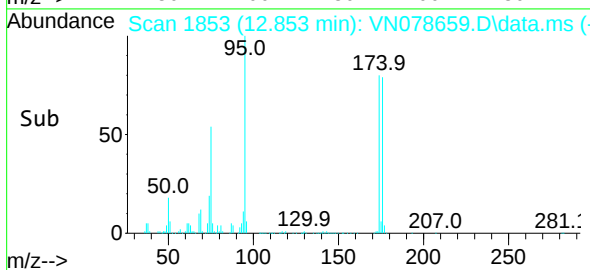
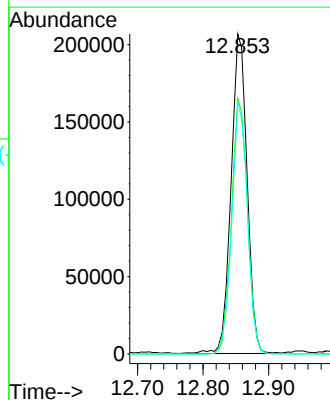
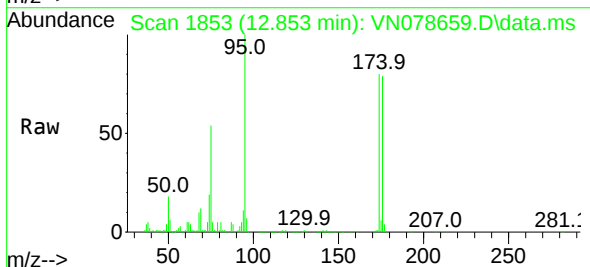
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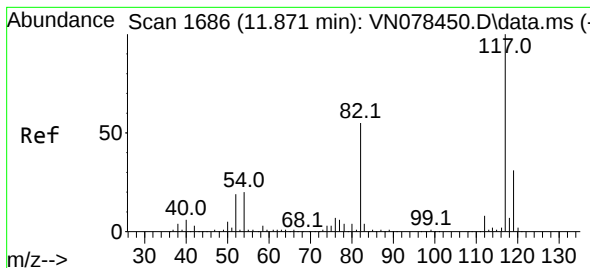
Tgt Ion: 98 Resp: 912366
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.663 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078659.D
Acq: 27 Jul 2023 13:44

Tgt Ion: 95 Resp: 349642
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 77.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078659.D

Acq: 27 Jul 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

B-P39BME

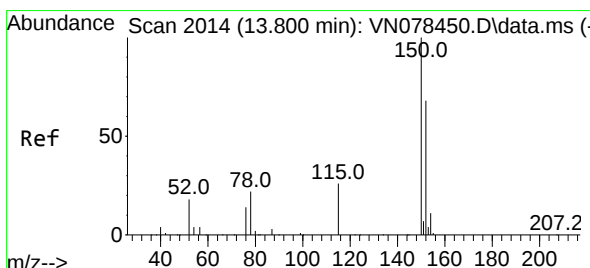
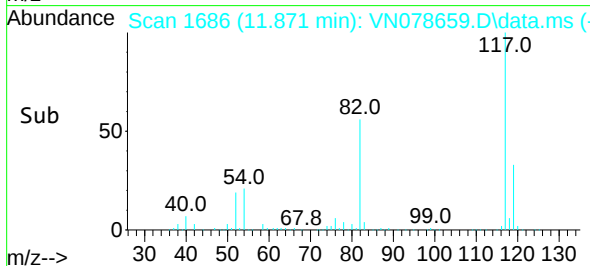
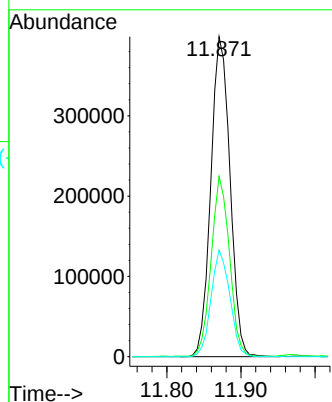
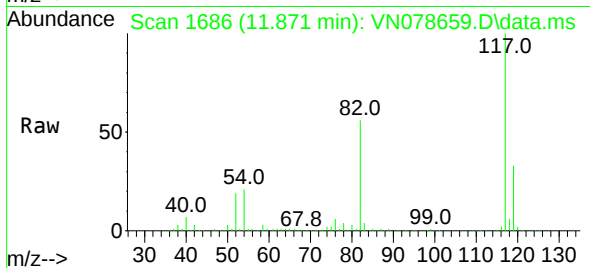
Tgt Ion:117 Resp: 716909

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 33.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078659.D

Acq: 27 Jul 2023 13:44

Tgt Ion:152 Resp: 330883

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 157.0 0.0 355.8

