

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072455.D
 Acq On : 12 May 2022 16:08
 Operator : JC\MD
 Sample : N2800-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14D

Quant Time: May 13 02:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

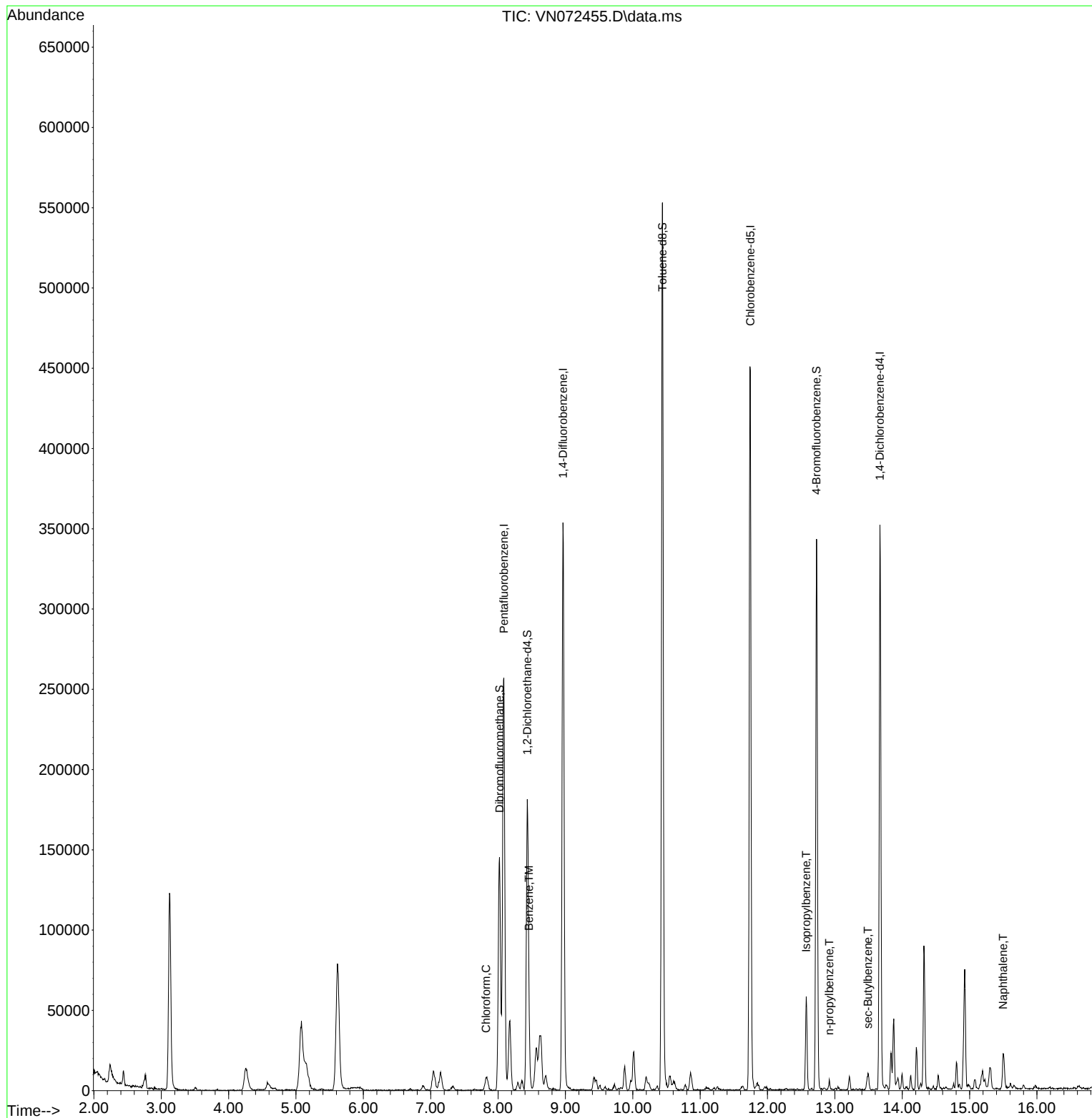
Internal Standards						
1) Pentafluorobenzene	8.086	168	187034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	300314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	259887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	95747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	156826	54.743	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.480%	
35) Dibromofluoromethane	8.022	113	105054	52.580	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.160%	
50) Toluene-d8	10.439	98	370715	48.718	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	12.727	95	113255	44.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.640%	
Target Compounds						Qvalue
30) Chloroform	7.822	83	5742	1.405	ug/l	97
40) Benzene	8.457	78	14235	1.661	ug/l	93
73) Isopropylbenzene	12.574	105	35968	4.535	ug/l	100
78) n-propylbenzene	12.915	91	4564	0.538	ug/l	99
85) sec-Butylbenzene	13.492	105	6368	0.840	ug/l	88
95) Naphthalene	15.498	128	23852	8.058	ug/l	98

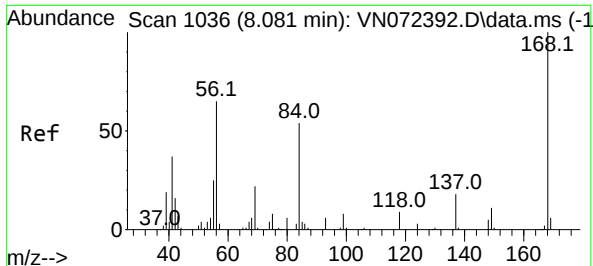
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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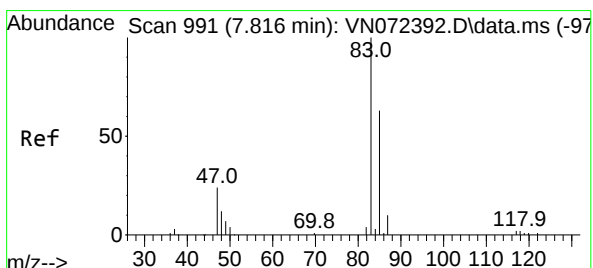
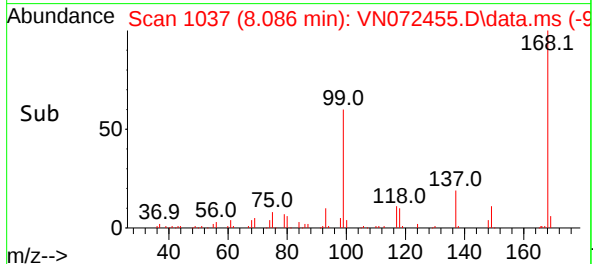
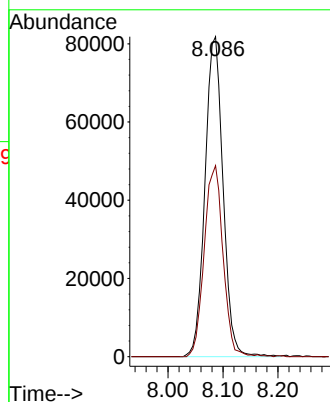
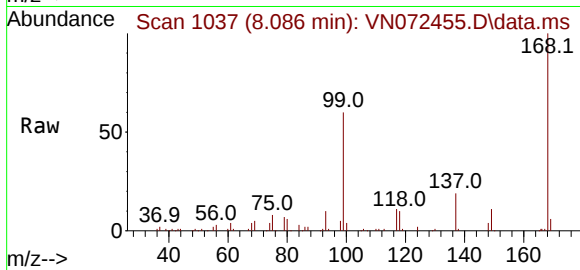




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

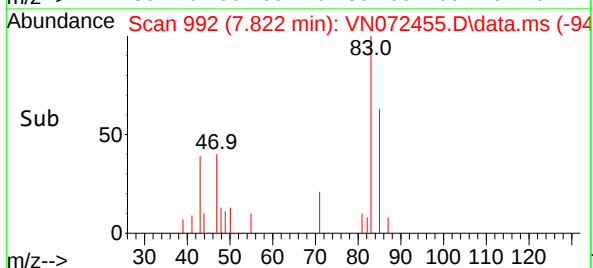
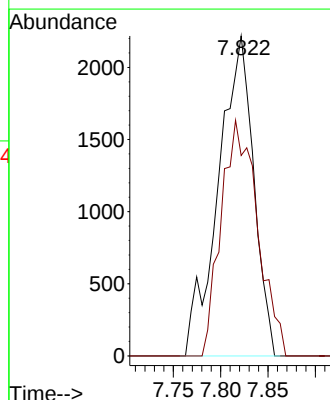
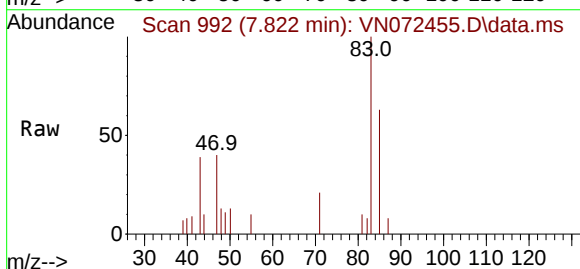
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

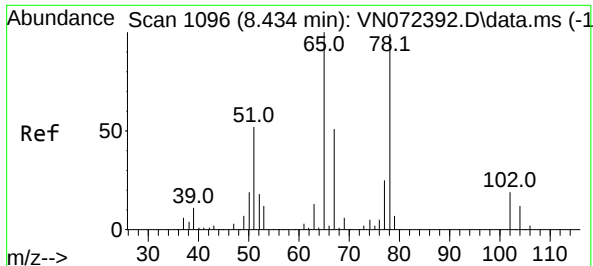
Tgt Ion:168 Resp: 187034
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#30
Chloroform
Concen: 1.405 ug/l
RT: 7.822 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

Tgt Ion: 83 Resp: 5742
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 54.743 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072455.D

Acq: 12 May 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

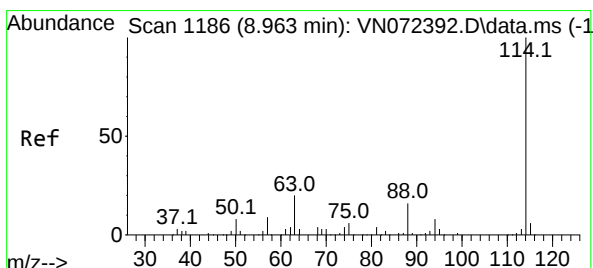
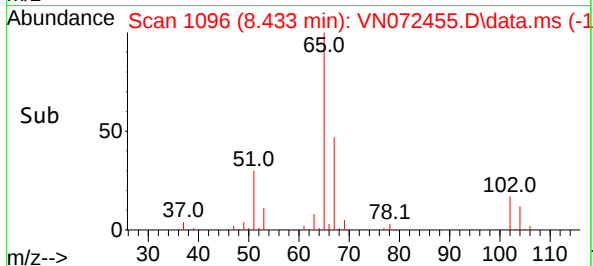
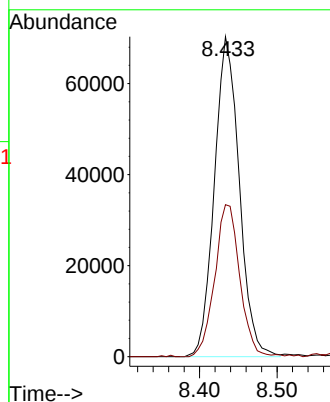
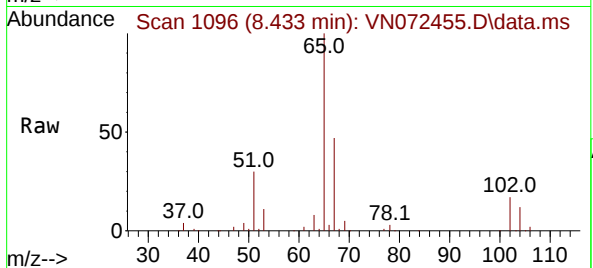
MW-14D

Tgt Ion: 65 Resp: 156826

Ion Ratio Lower Upper

65 100

67 47.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072455.D

Acq: 12 May 2022 16:08

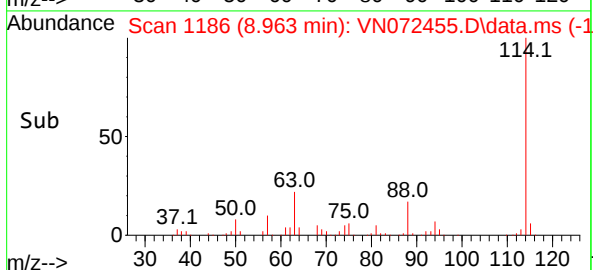
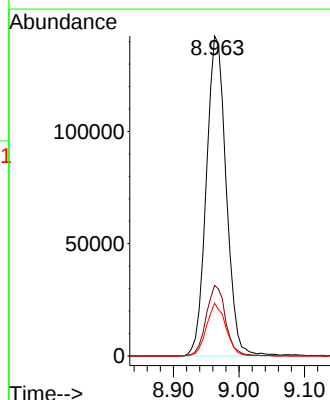
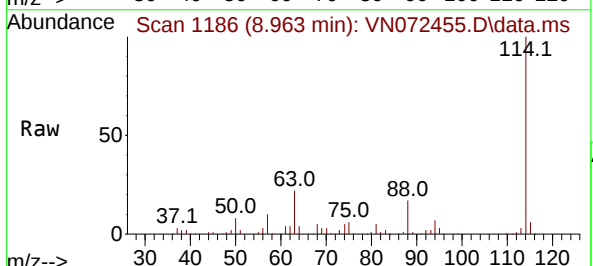
Tgt Ion: 114 Resp: 300314

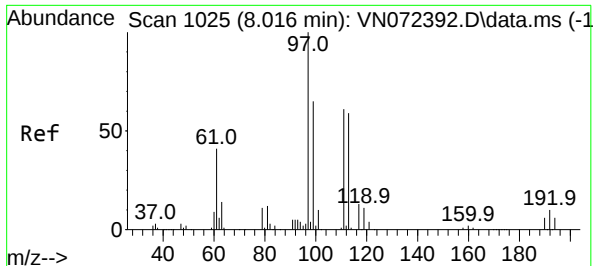
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.580 ug/l

RT: 8.022 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072455.D

Acq: 12 May 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

MW-14D

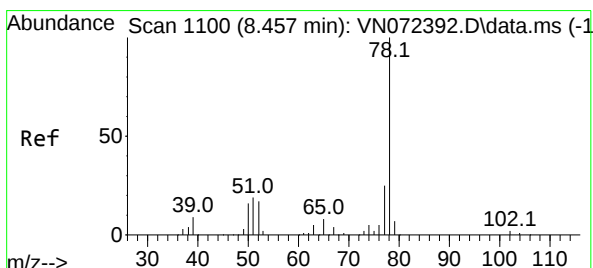
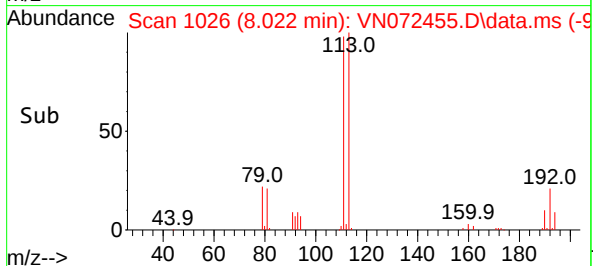
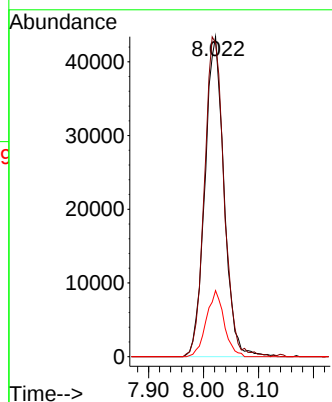
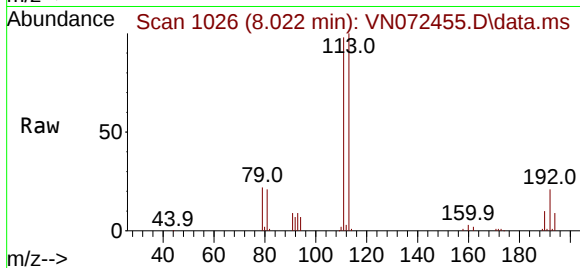
Tgt Ion:113 Resp: 105054

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.2 17.0 25.6



#40

Benzene

Concen: 1.661 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072455.D

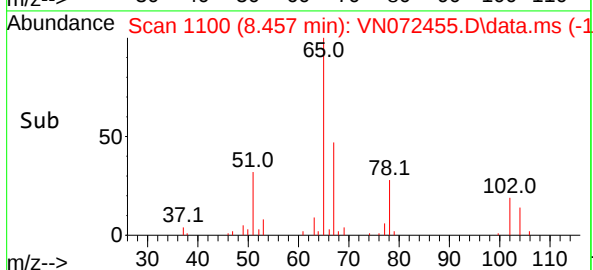
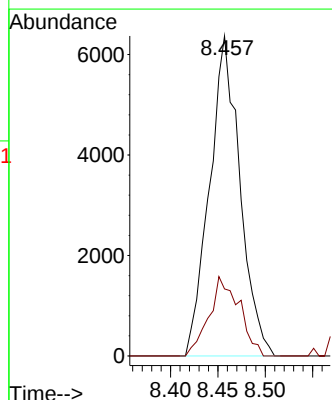
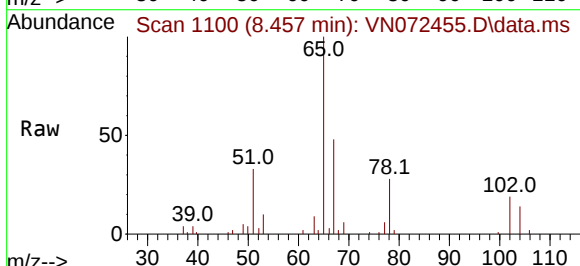
Acq: 12 May 2022 16:08

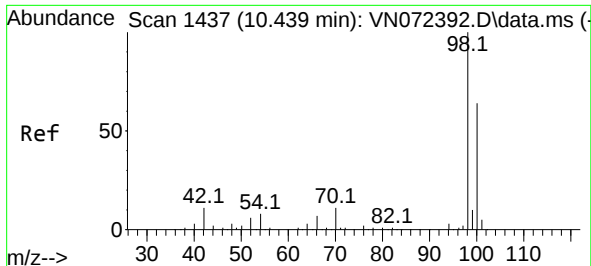
Tgt Ion: 78 Resp: 14235

Ion Ratio Lower Upper

78 100

77 20.9 19.4 29.0

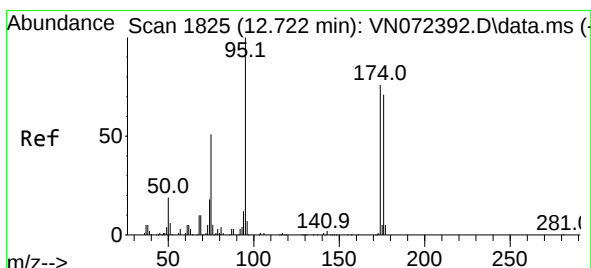
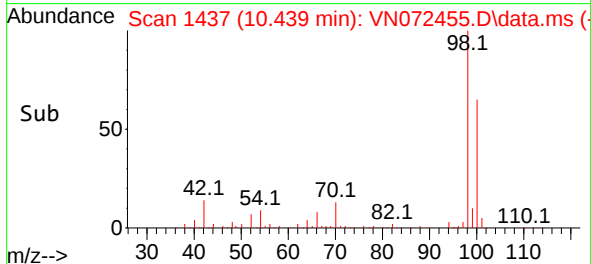
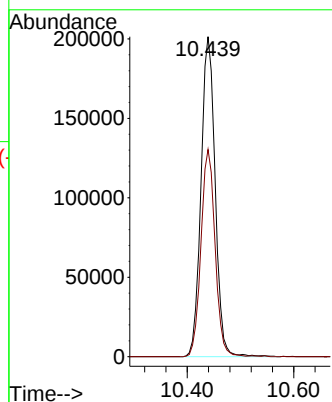
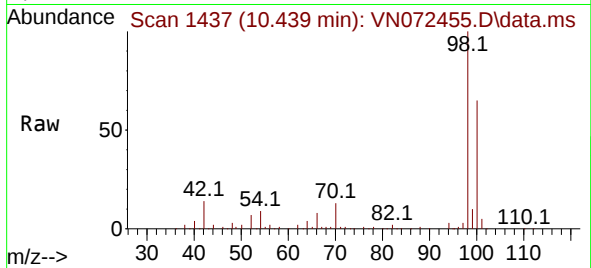




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

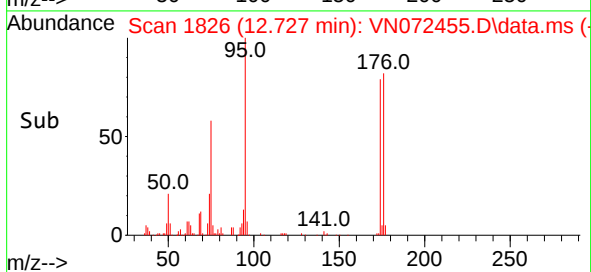
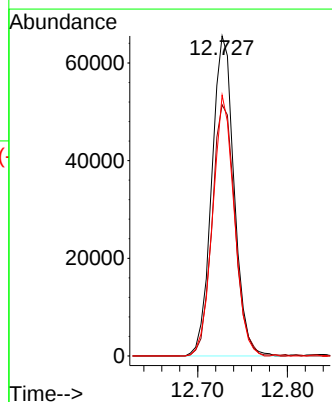
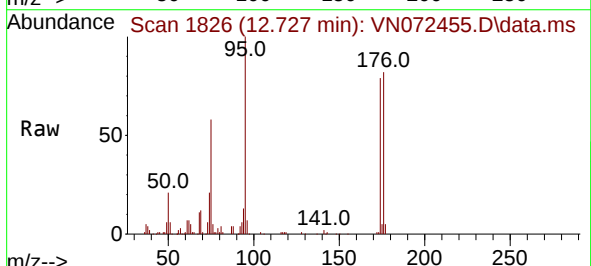
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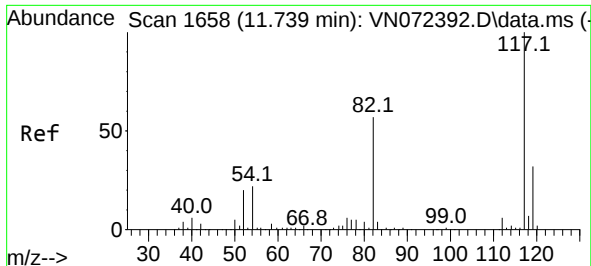
Tgt Ion: 98 Resp: 370715
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

Tgt Ion: 95 Resp: 113255
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 78.9 0.0 163.4

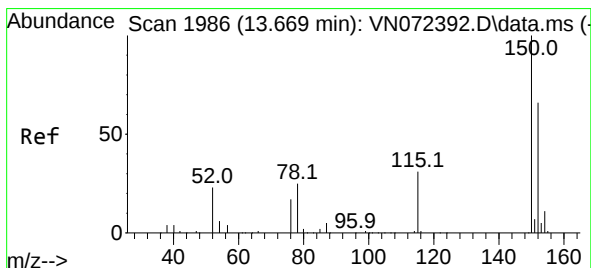
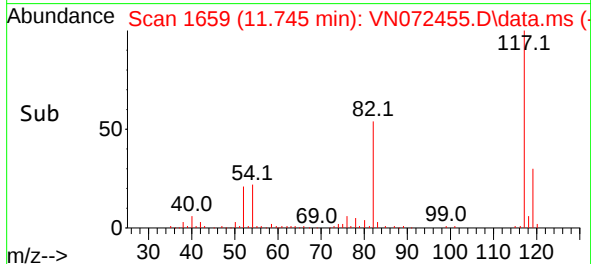
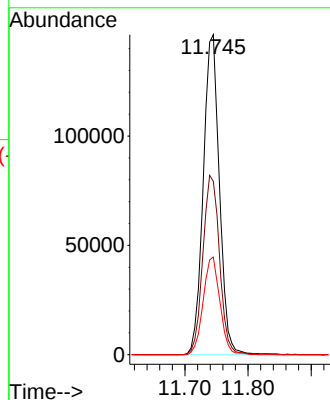
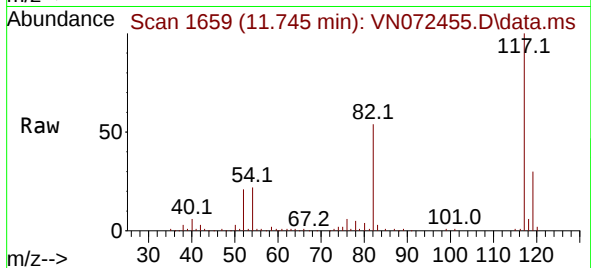




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

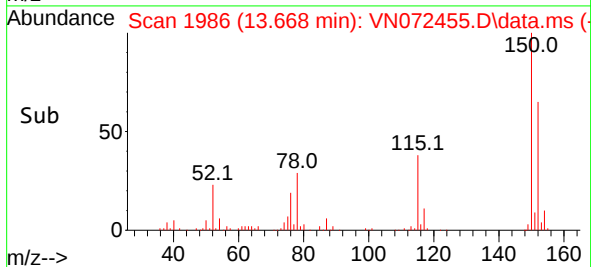
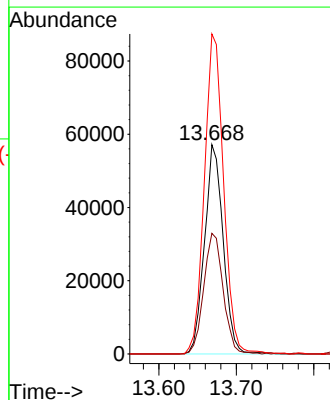
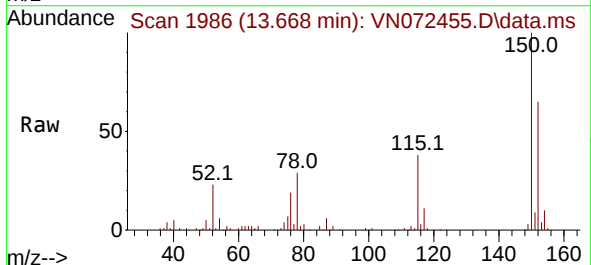
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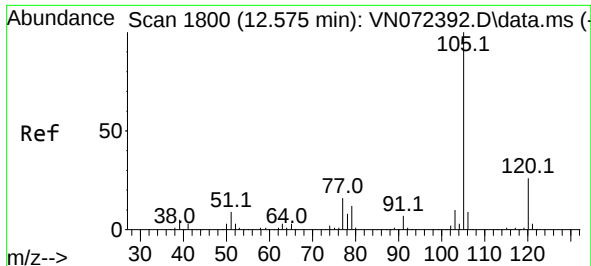
Tgt Ion:117 Resp: 259887
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

Tgt Ion:152 Resp: 95747
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 157.2 0.0 356.2

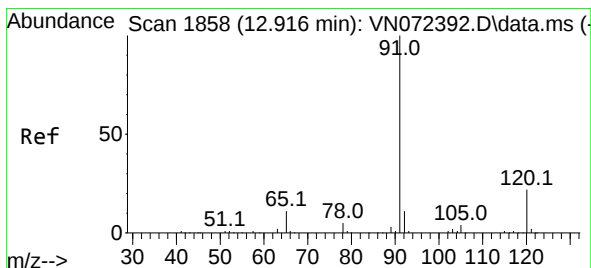
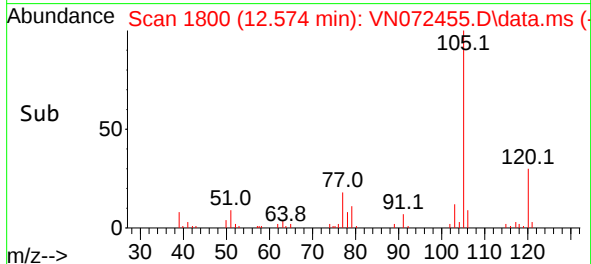
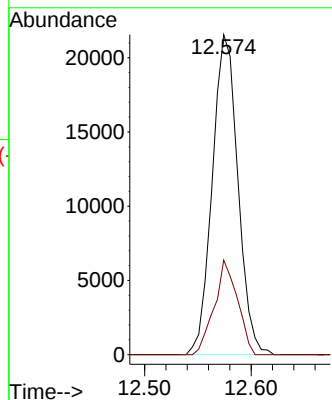
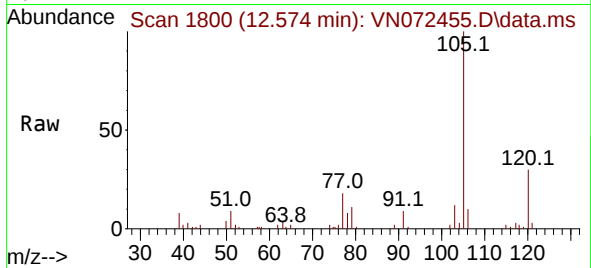




#73
Isopropylbenzene
Concen: 4.535 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

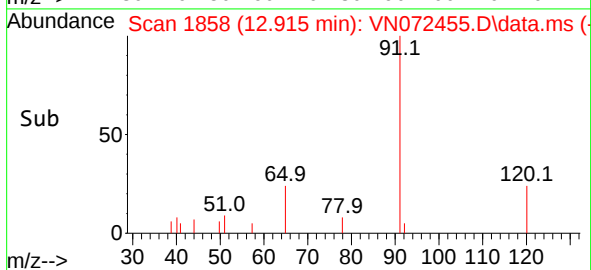
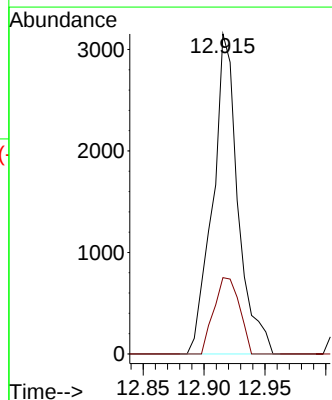
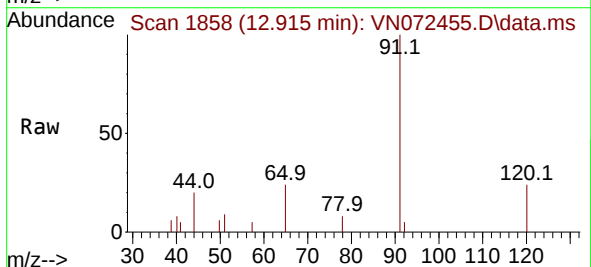
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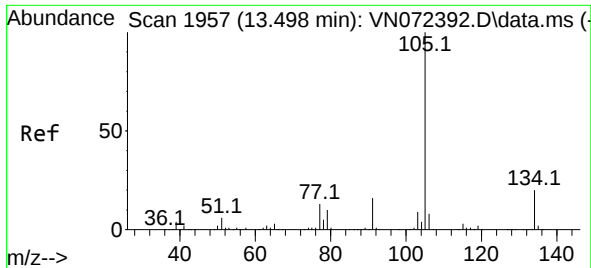
Tgt Ion:105 Resp: 35968
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#78
n-propylbenzene
Concen: 0.538 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072455.D
Acq: 12 May 2022 16:08

Tgt Ion: 91 Resp: 4564
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5

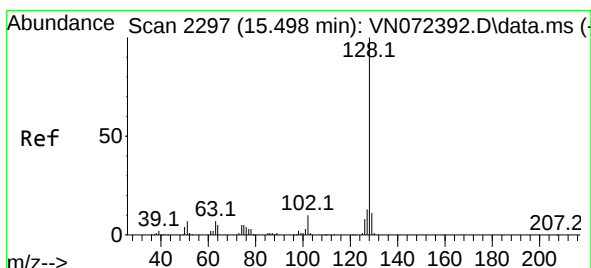
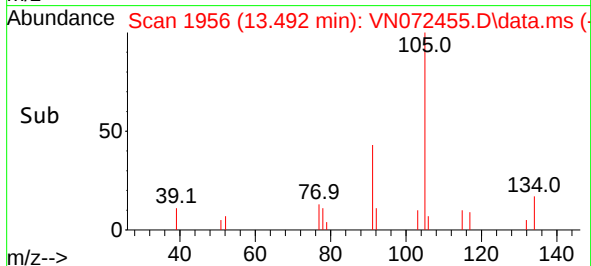
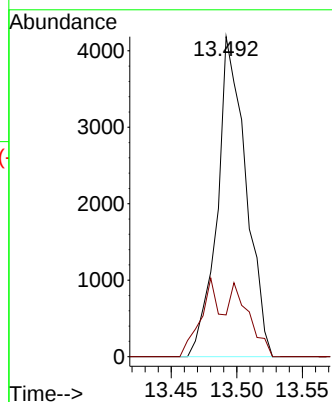
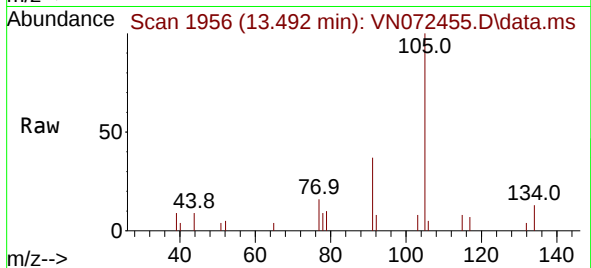




#85
 sec-Butylbenzene
 Concen: 0.840 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN072455.D
 Acq: 12 May 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14D

Tgt Ion:105 Resp: 6368
 Ion Ratio Lower Upper
 105 100
 134 15.0 10.4 31.1



#95
 Naphthalene
 Concen: 8.058 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072455.D
 Acq: 12 May 2022 16:08

Tgt Ion:128 Resp: 23852
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 10.1 8.6 13.0

