

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070992.D
 Acq On : 17 Feb 2022 20:28
 Operator : JC\MD
 Sample : N1581-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-140B-20220215

Quant Time: Feb 18 00:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

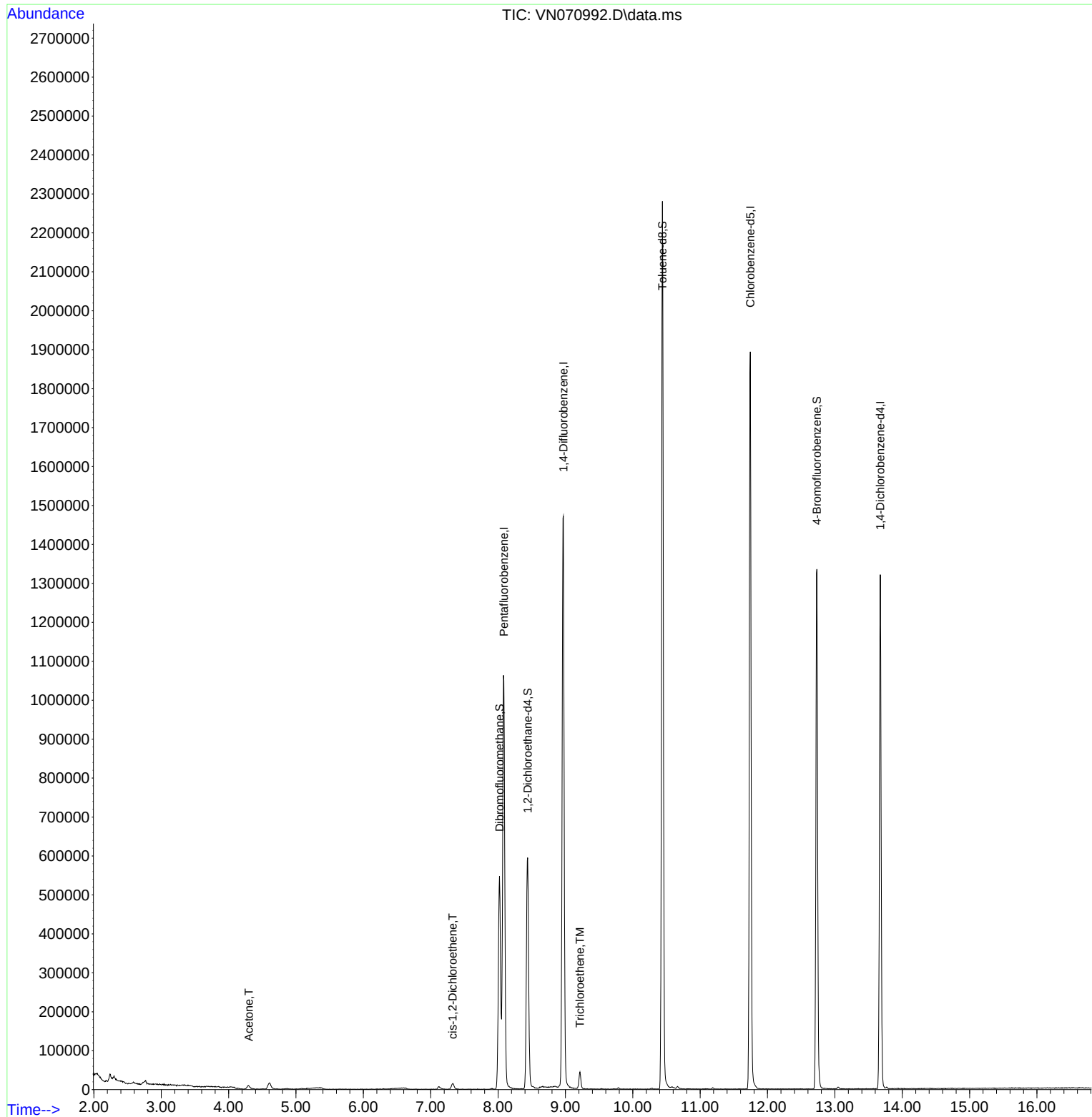
Internal Standards						
1) Pentafluorobenzene	8.086	168	830078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1319847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1150937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	380687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	497184	52.434	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.860%	
35) Dibromofluoromethane	8.022	113	395885	50.428	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.860%	
50) Toluene-d8	10.439	98	1588328	50.380	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.733	95	483629	42.917	ug/l	0.01
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.840%	
Target Compounds						
						Qvalue
16) Acetone	4.298	43	12995	2.489	ug/l	90
27) cis-1,2-Dichloroethene	7.328	96	8062	0.804	ug/l	99
44) Trichloroethene	9.216	130	15832	1.580	ug/l	93

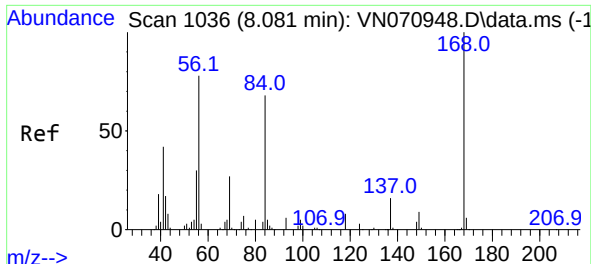
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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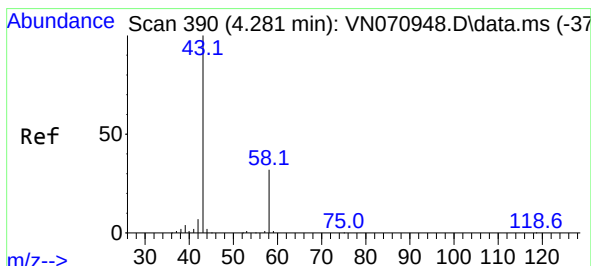
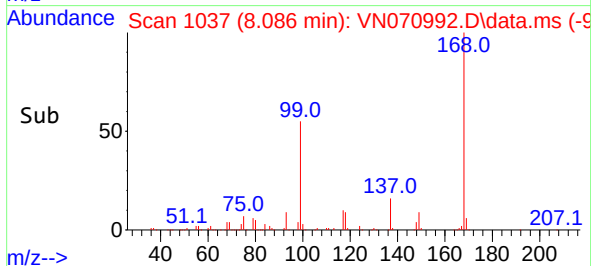
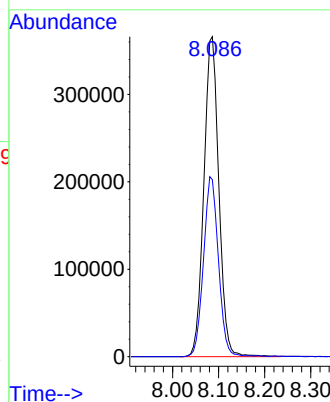
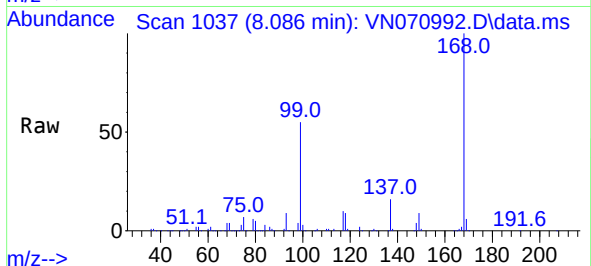




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN070992.D
Acq: 17 Feb 2022 20:28

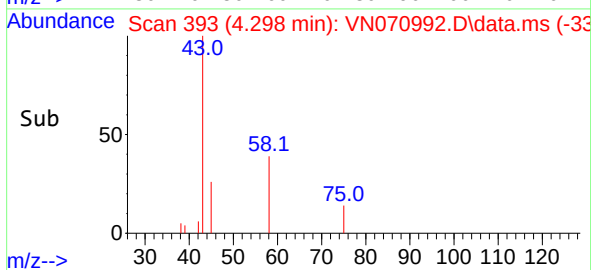
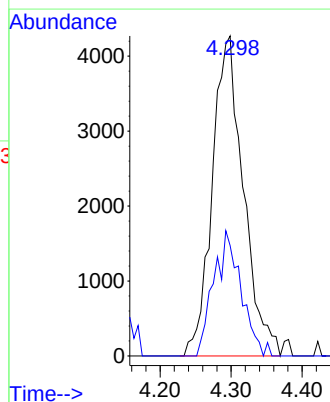
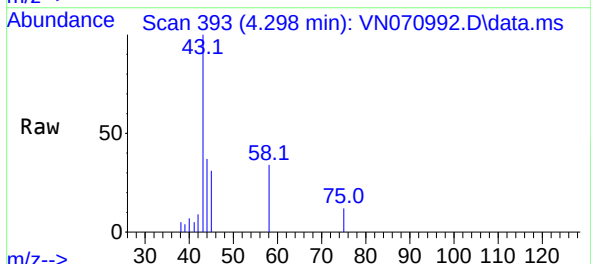
Instrument :
MSVOA_N
ClientSampleId :
MH-140B-20220215

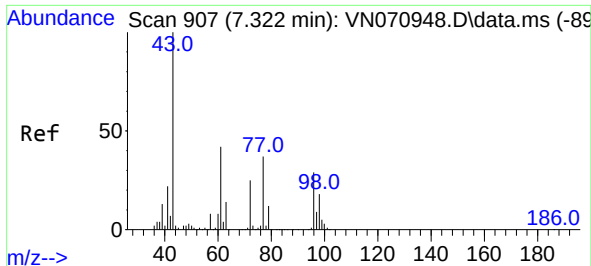
Tgt Ion:168 Resp: 830078
Ion Ratio Lower Upper
168 100
99 55.3 41.3 61.9



#16
Acetone
Concen: 2.489 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN070992.D
Acq: 17 Feb 2022 20:28

Tgt Ion: 43 Resp: 12995
Ion Ratio Lower Upper
43 100
58 34.5 23.1 34.7





#27

cis-1,2-Dichloroethene

Concen: 0.804 ug/l

RT: 7.328 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN070992.D

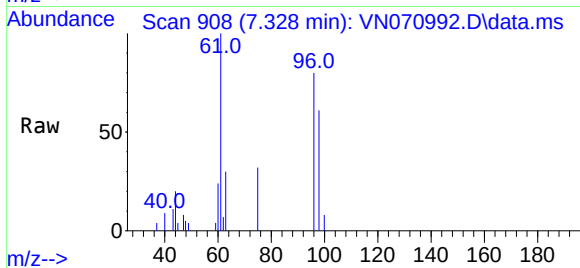
Acq: 17 Feb 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

MH-140B-20220215



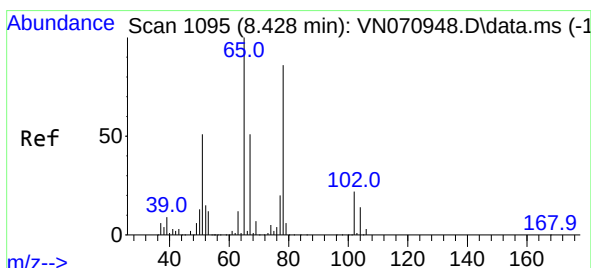
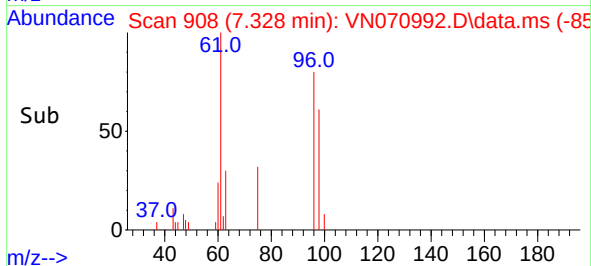
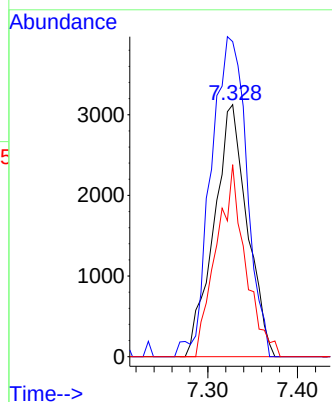
Tgt Ion: 96 Resp: 8062

Ion Ratio Lower Upper

96 100

61 136.6 0.0 275.0

98 66.4 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 52.434 ug/l

RT: 8.439 min Scan# 1097

Delta R.T. 0.012 min

Lab File: VN070992.D

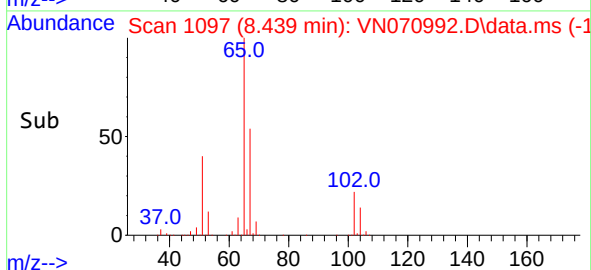
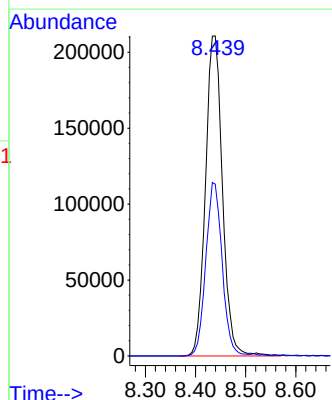
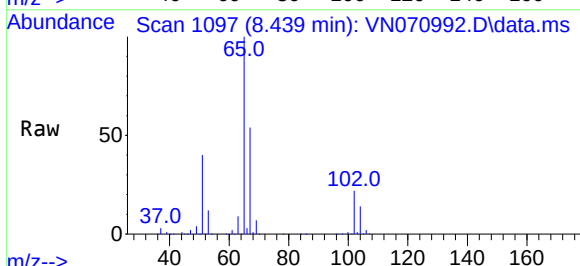
Acq: 17 Feb 2022 20:28

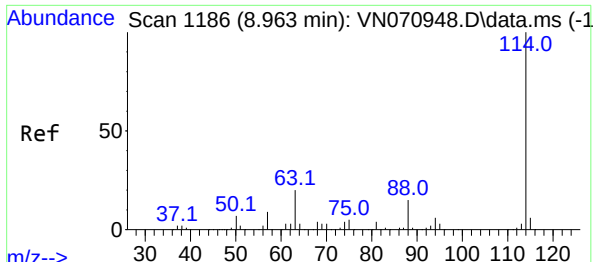
Tgt Ion: 65 Resp: 497184

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN070992.D

Acq: 17 Feb 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

MH-140B-20220215

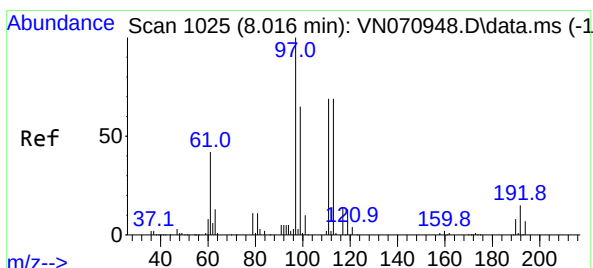
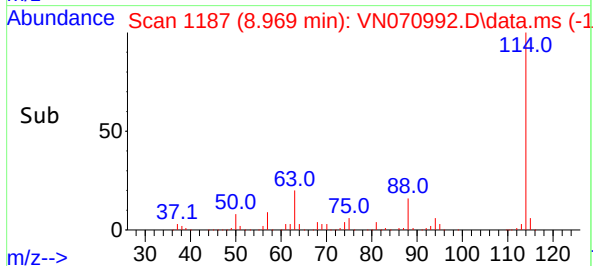
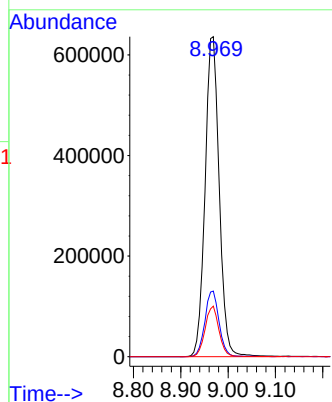
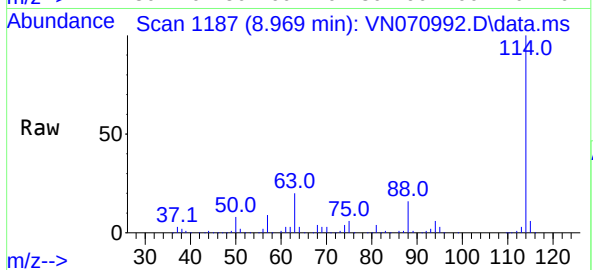
Tgt Ion:114 Resp: 1319847

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

88 15.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 50.428 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN070992.D

Acq: 17 Feb 2022 20:28

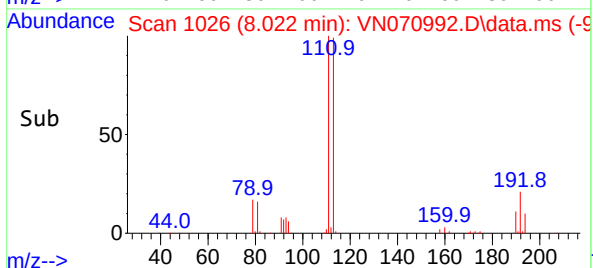
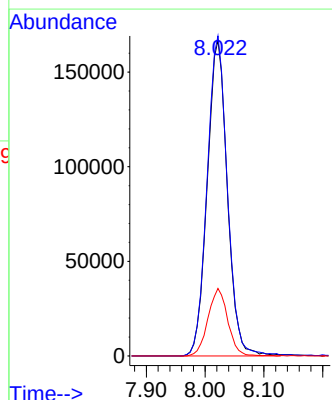
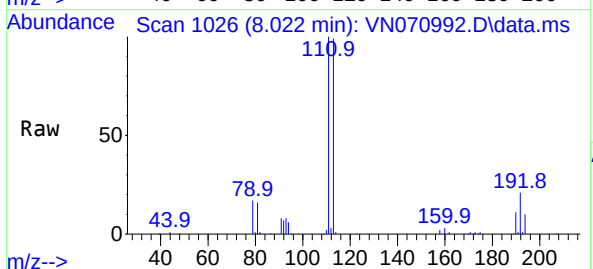
Tgt Ion:113 Resp: 395885

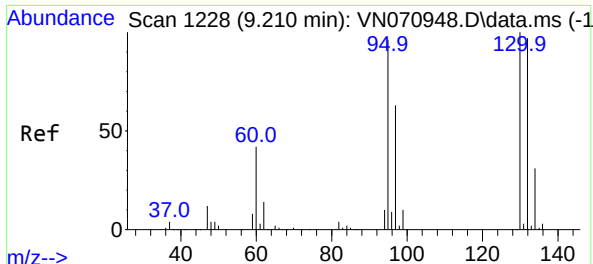
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 21.0 16.9 25.3





#44

Trichloroethene

Concen: 1.580 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN070992.D

Acq: 17 Feb 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

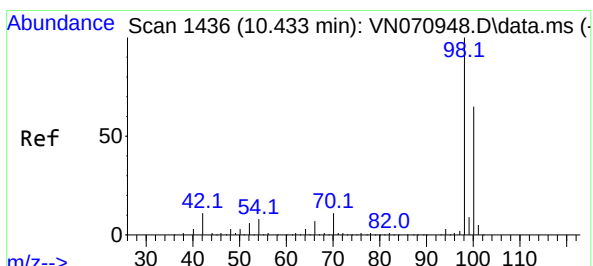
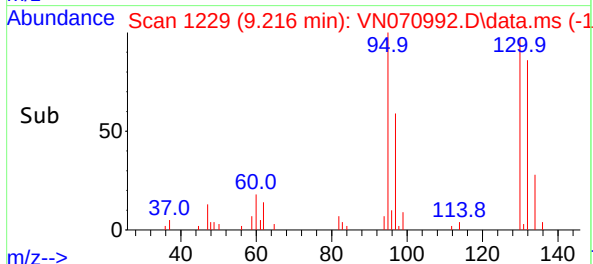
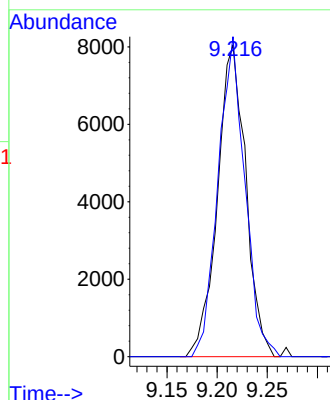
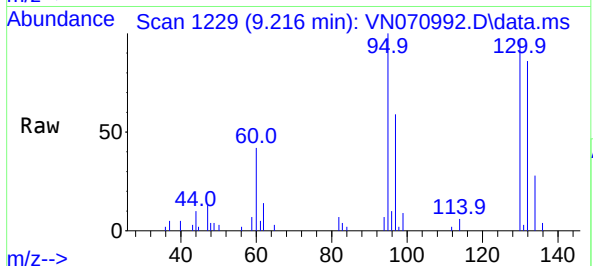
MH-140B-20220215

Tgt Ion:130 Resp: 15832

Ion Ratio Lower Upper

130 100

95 102.7 0.0 191.2



#50

Toluene-d8

Concen: 50.380 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN070992.D

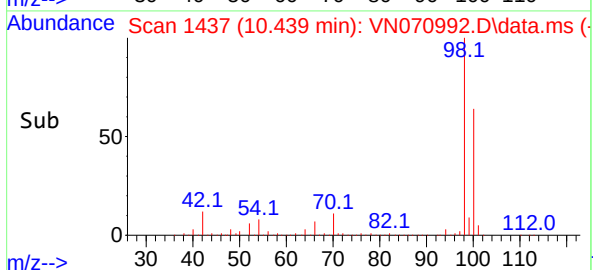
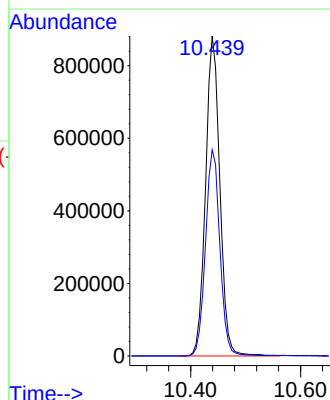
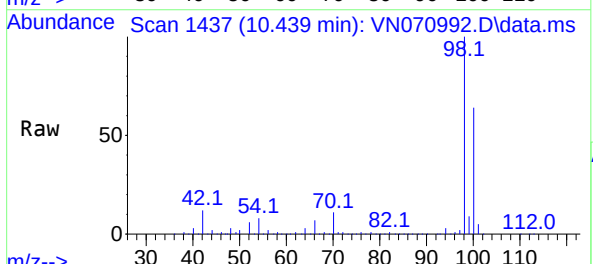
Acq: 17 Feb 2022 20:28

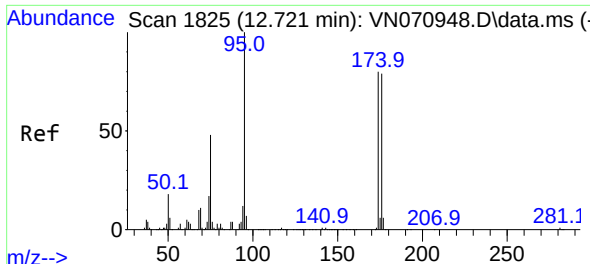
Tgt Ion: 98 Resp: 1588328

Ion Ratio Lower Upper

98 100

100 65.2 50.4 75.6

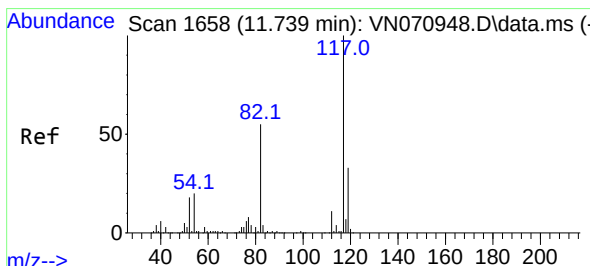
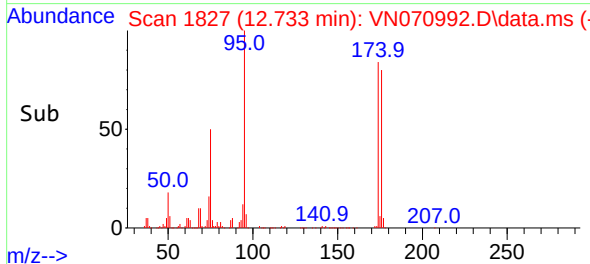
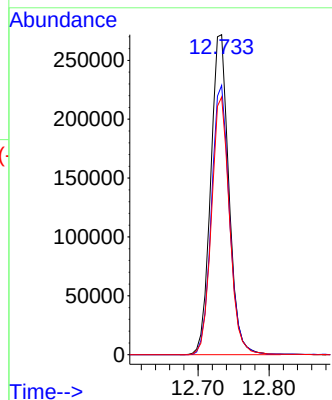
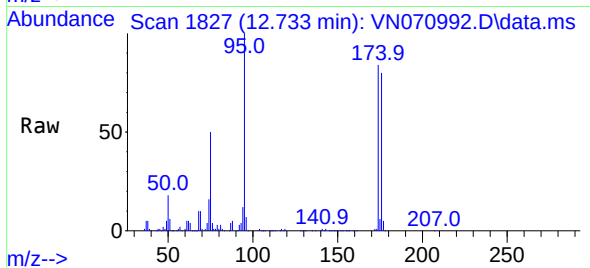




#62
4-Bromofluorobenzene
Concen: 42.917 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.012 min
Lab File: VN070992.D
Acq: 17 Feb 2022 20:28

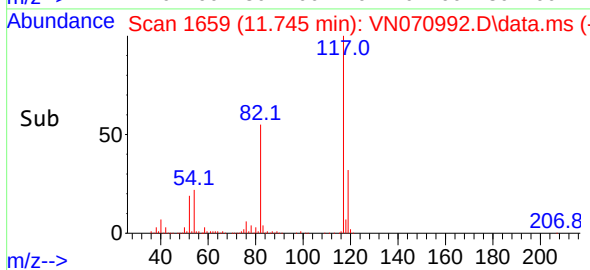
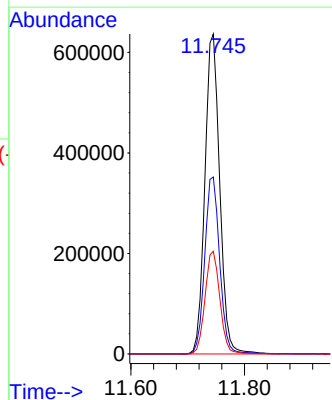
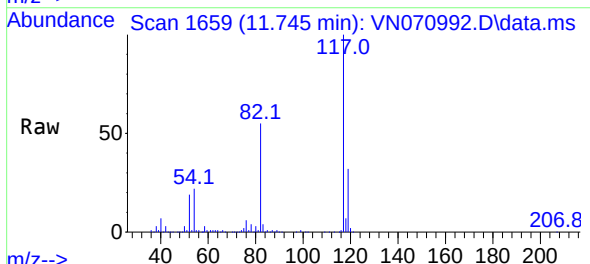
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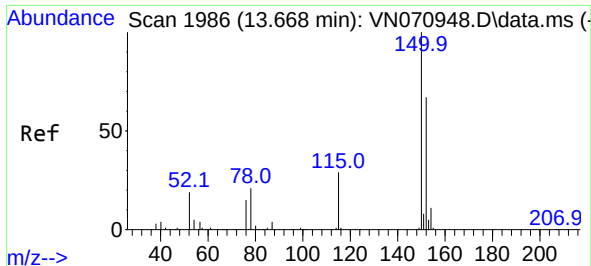
Tgt Ion: 95 Resp: 483629
Ion Ratio Lower Upper
95 100
174 83.5 0.0 187.2
176 79.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN070992.D
Acq: 17 Feb 2022 20:28

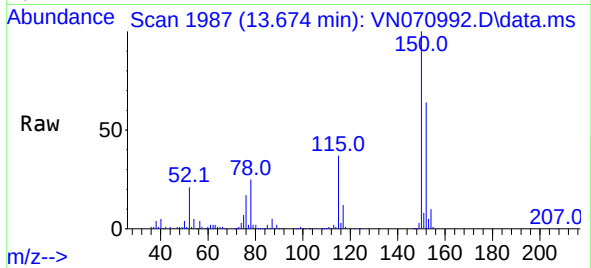
Tgt Ion: 117 Resp: 1150937
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN070992.D
 Acq: 17 Feb 2022 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-140B-20220215



Tgt Ion:152 Resp: 380687
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.5 82.5
 150 157.1 0.0 344.4

