

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070215.D
 Acq On : 18 Dec 2021 16:01
 Operator : JC/MD
 Sample : M5044-06 10X
 Misc : 5.82g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-6-4.5

Quant Time: Dec 19 08:46:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

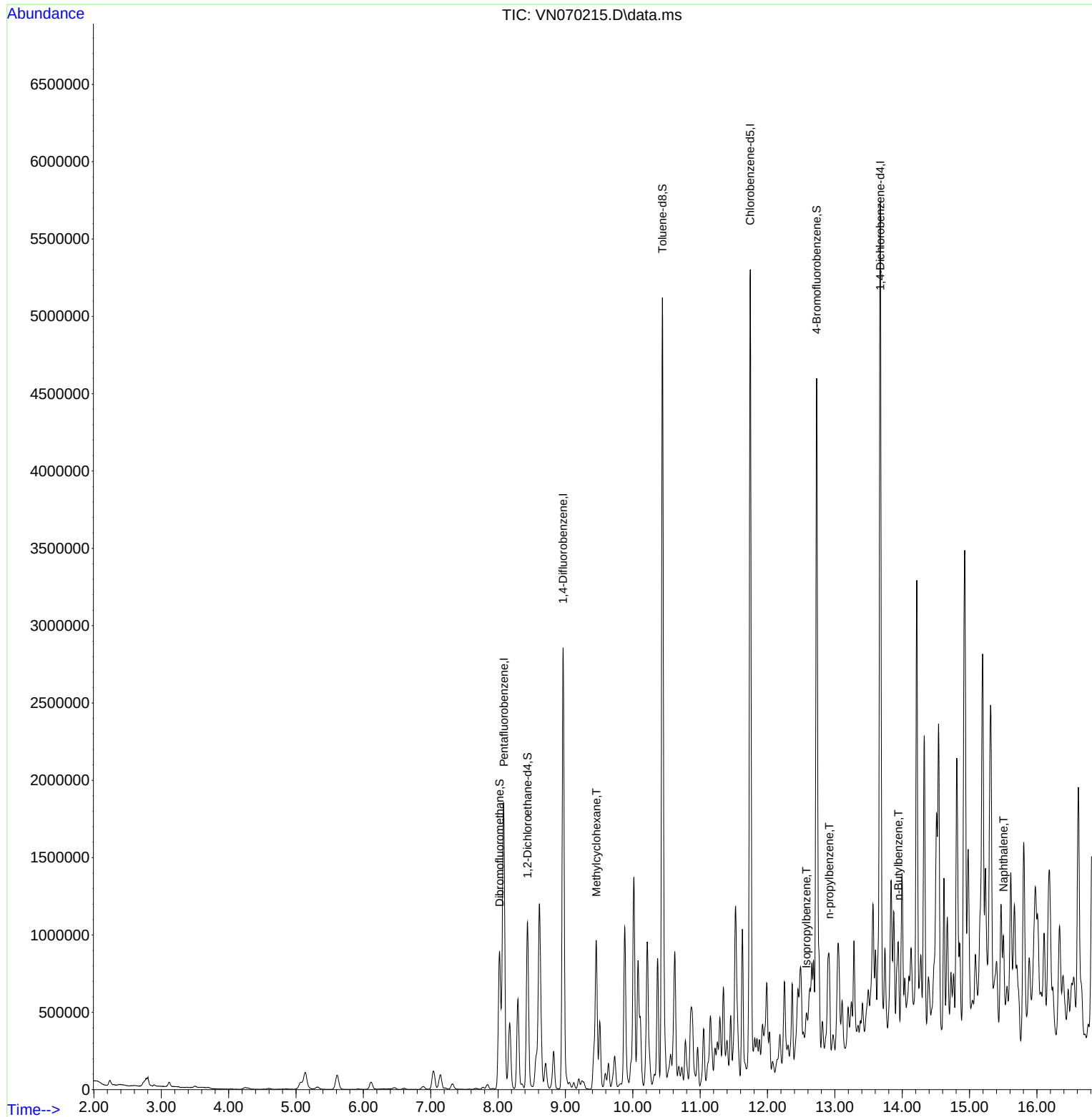
Internal Standards						
1) Pentafluorobenzene	8.086	168	1196111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2264394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2791271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1311097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	935065	50.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.26%		
35) Dibromofluoromethane	8.021	113	647802	45.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.34%		
50) Toluene-d8	10.440	98	3076990	54.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.06%		
62) 4-Bromofluorobenzene	12.731	95	1513714	73.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	146.74%#		
Target Compounds						
39) Methylcyclohexane	9.459	83	247776	9.66	ug/l #	80
73) Isopropylbenzene	12.578	105	134651m	1.15	ug/l	
78) n-propylbenzene	12.919	91	343312	2.64	ug/l	96
89) n-Butylbenzene	13.943	91	317406	4.44	ug/l	87
95) Naphthalene	15.504	128	425400	10.10	ug/l #	96

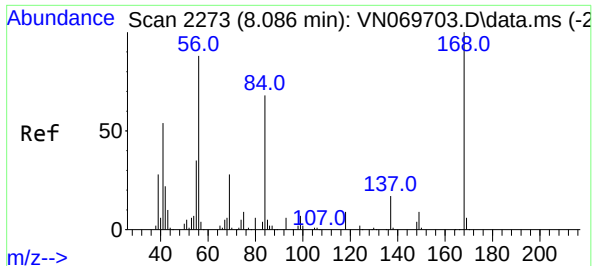
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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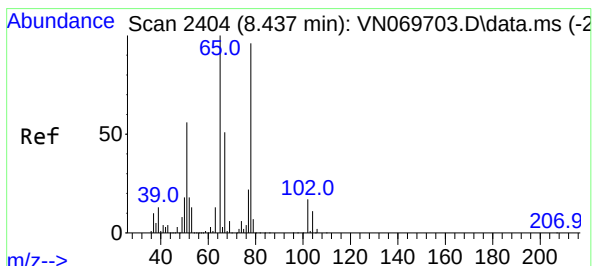
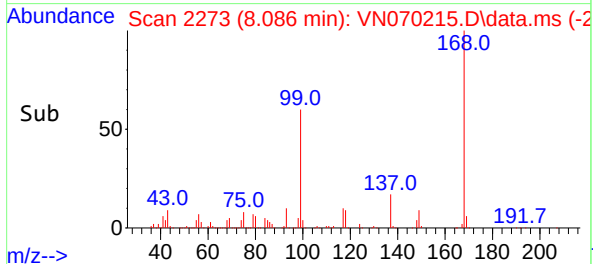
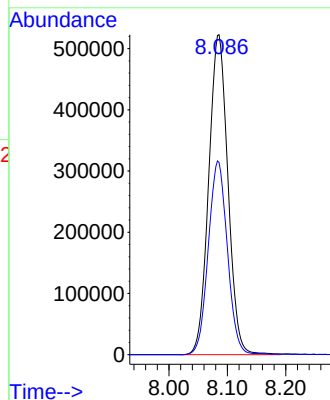
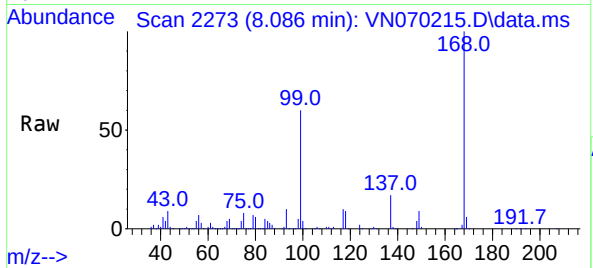




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

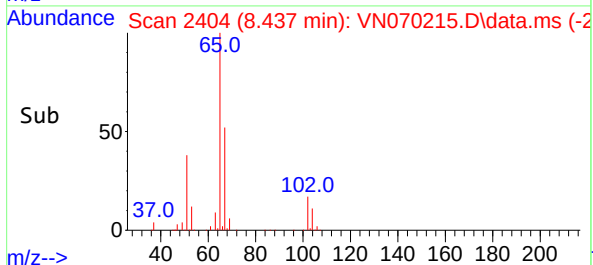
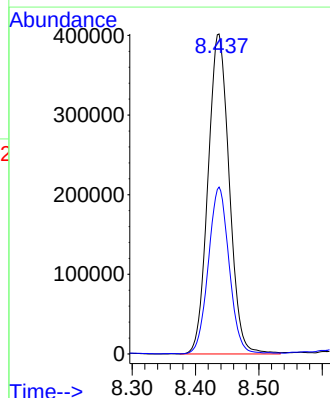
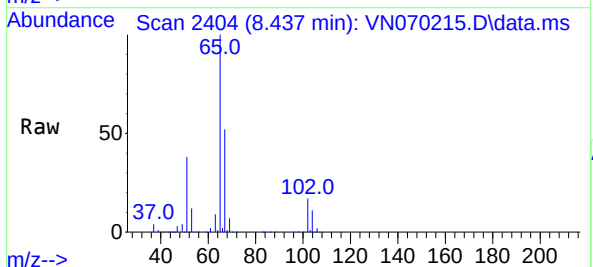
Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5

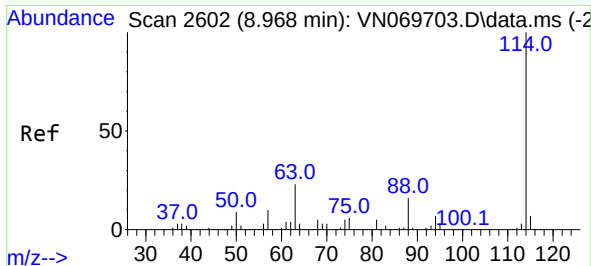
Tgt Ion:168 Resp: 1196111
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.63 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

Tgt Ion: 65 Resp: 935065
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070215.D

Acq: 18 Dec 2021 16:01

Instrument :

MSVOA_N

ClientSampleId :

DA-6-4.5

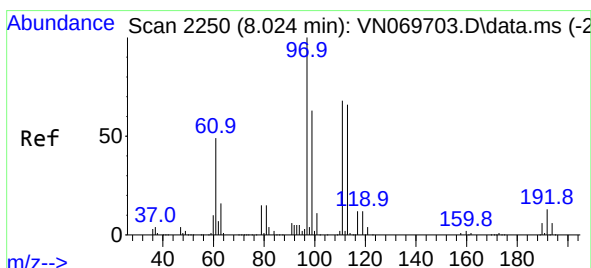
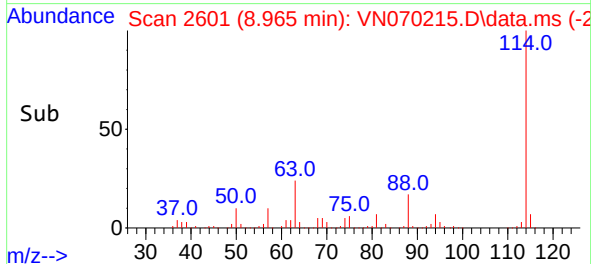
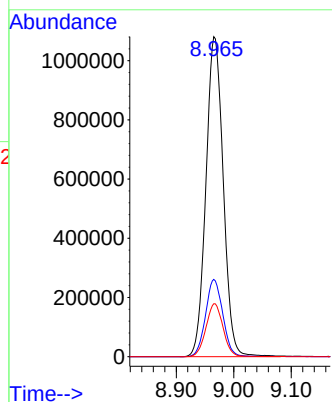
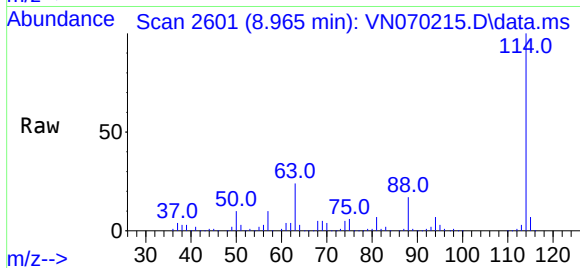
Tgt Ion:114 Resp: 2264394

Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.67 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070215.D

Acq: 18 Dec 2021 16:01

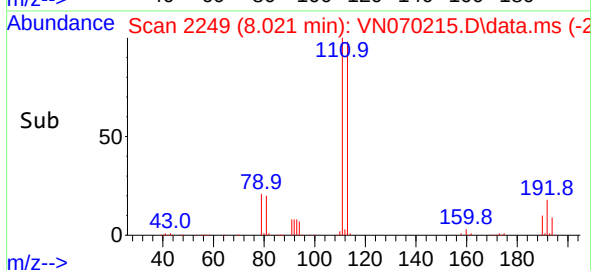
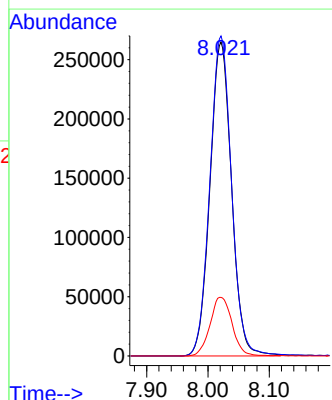
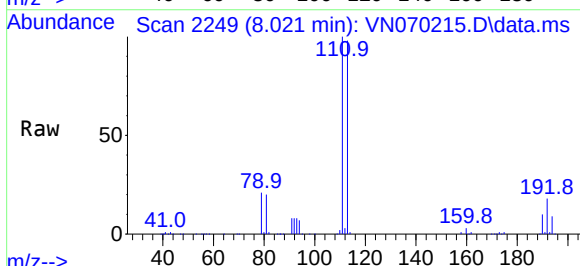
Tgt Ion:113 Resp: 647802

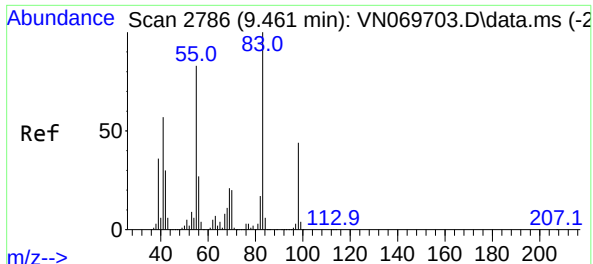
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 19.1 16.9 25.3





#39

Methylcyclohexane

Concen: 9.66 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070215.D

Acq: 18 Dec 2021 16:01

Instrument :

MSVOA_N

ClientSampleId :

DA-6-4.5

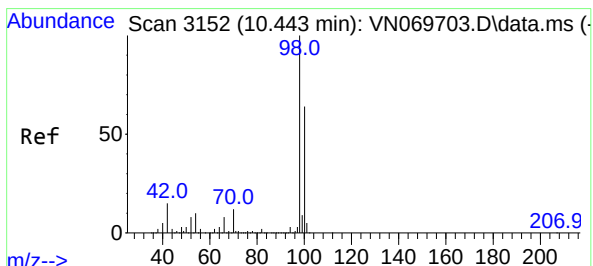
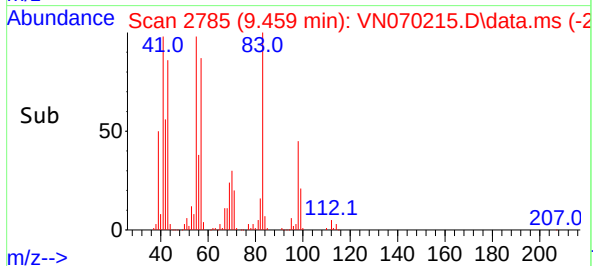
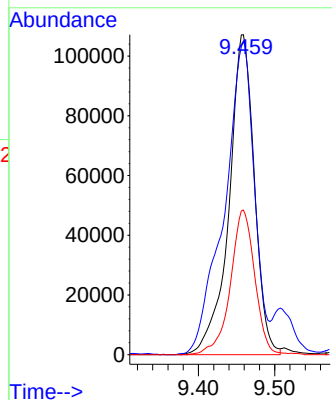
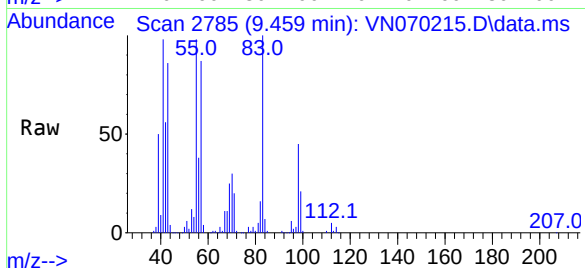
Tgt Ion: 83 Resp: 247776

Ion Ratio Lower Upper

83 100

55 97.6 58.1 87.1#

98 45.2 38.4 57.6



#50

Toluene-d8

Concen: 54.03 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070215.D

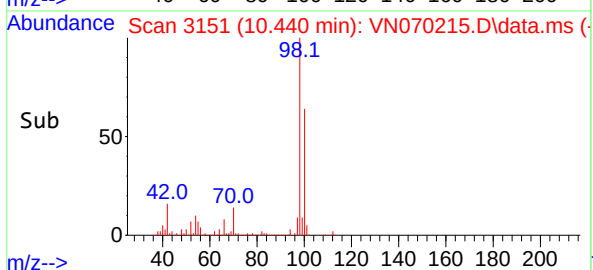
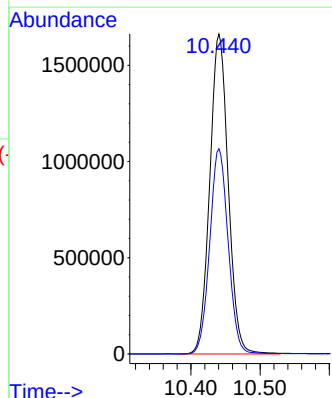
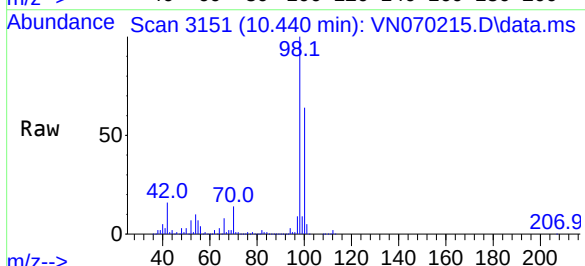
Acq: 18 Dec 2021 16:01

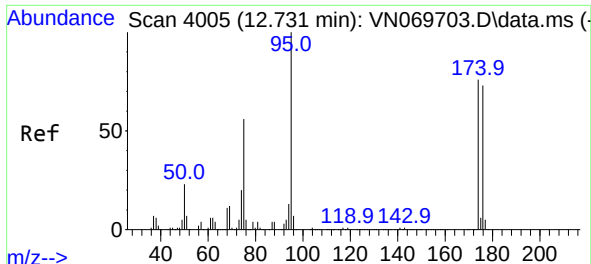
Tgt Ion: 98 Resp: 3076990

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6

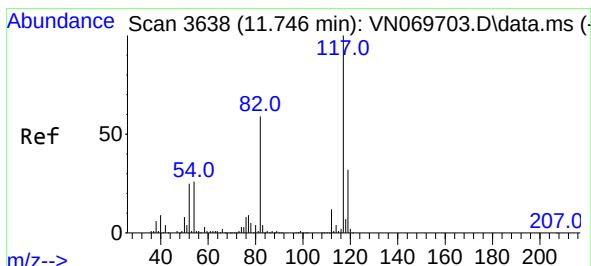
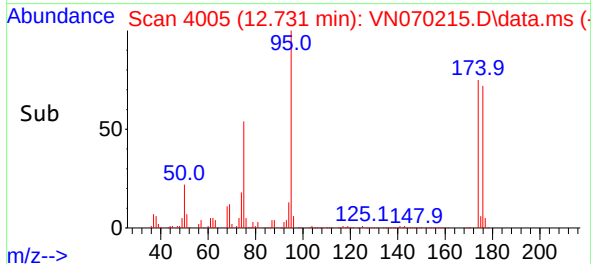
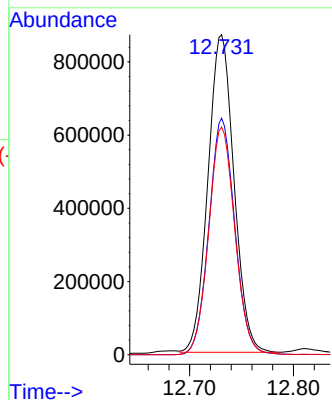
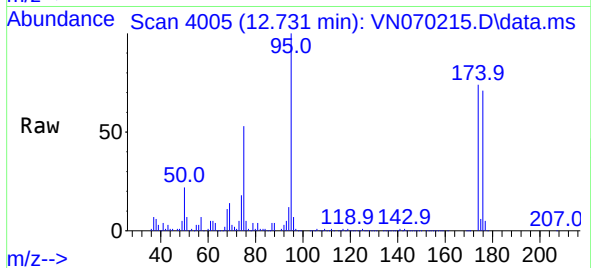




#62
4-Bromofluorobenzene
Concen: 73.37 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

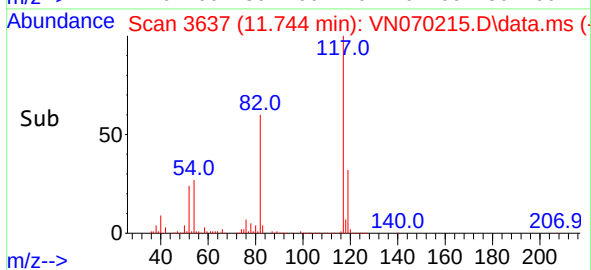
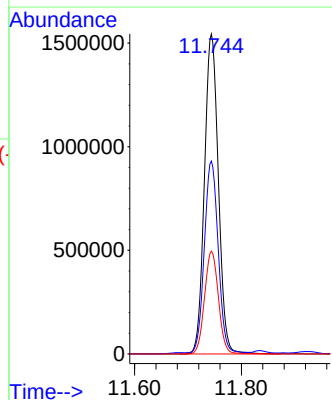
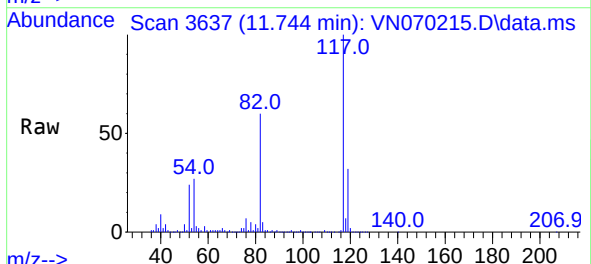
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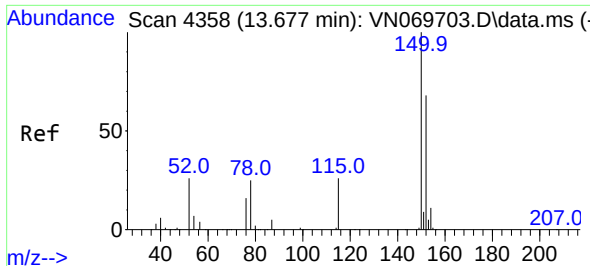
Tgt Ion: 95 Resp: 1513714
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 72.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

Tgt Ion: 117 Resp: 2791271
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.2 25.4 38.2

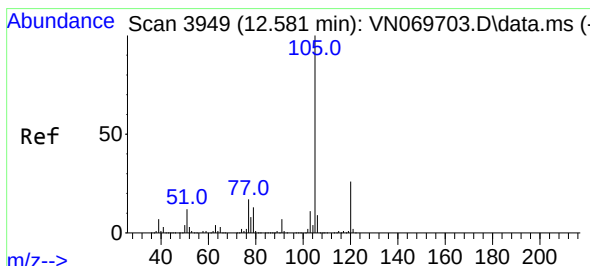
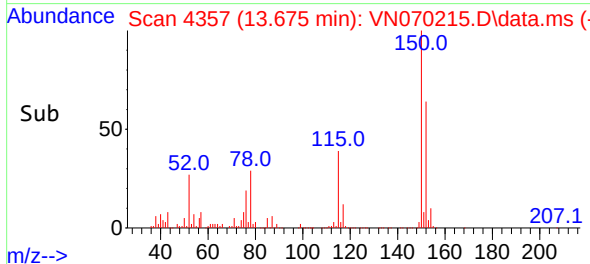
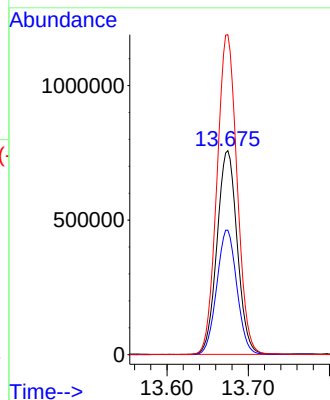
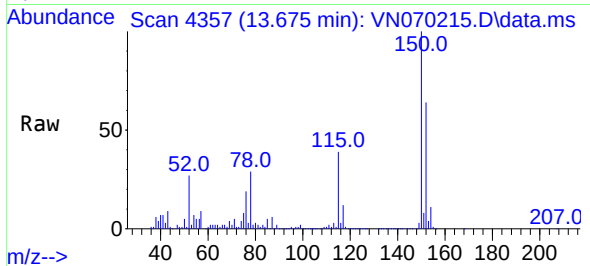




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

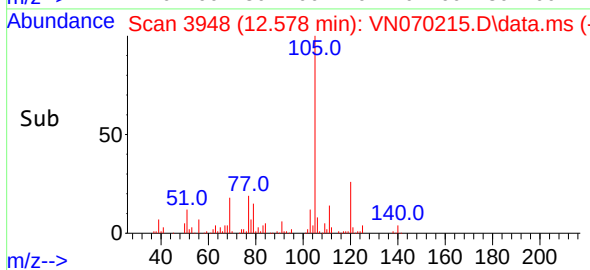
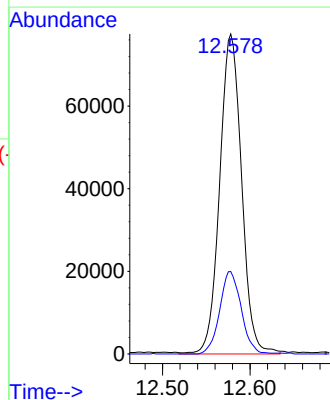
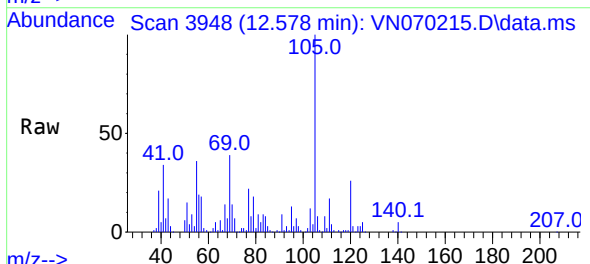
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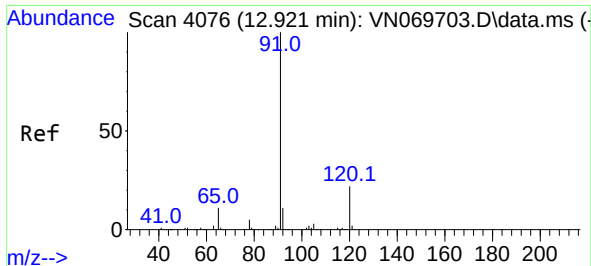
Tgt Ion:152 Resp: 1311097
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 156.5 0.0 344.4



#73
Isopropylbenzene
Concen: 1.15 ug/l m
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

Tgt Ion:105 Resp: 134651
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#

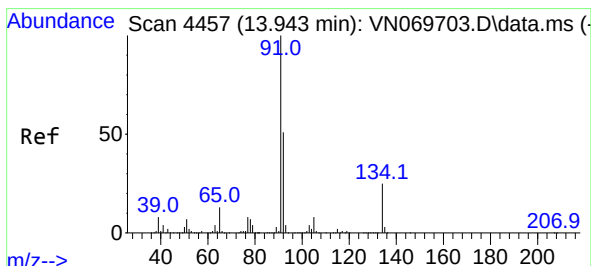
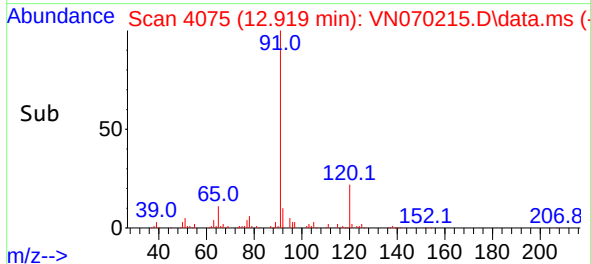
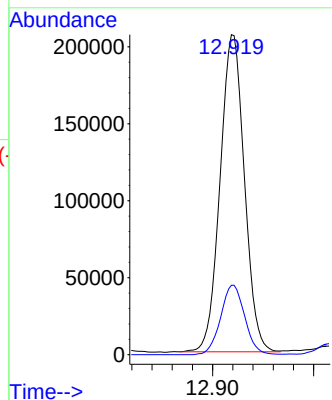
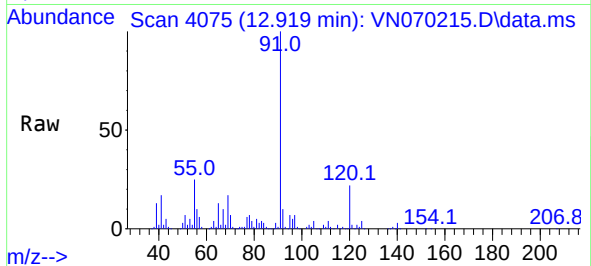




#78
n-propylbenzene
Concen: 2.64 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

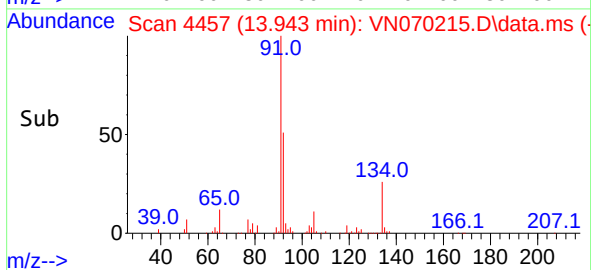
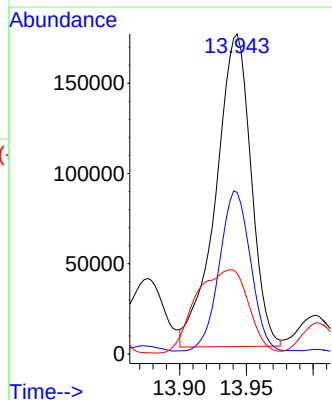
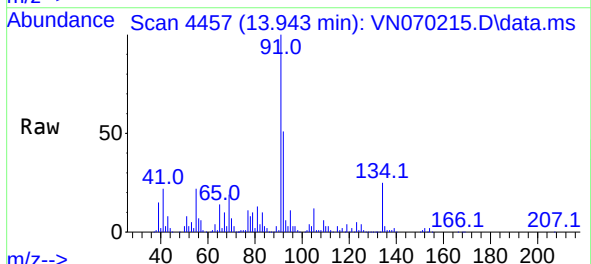
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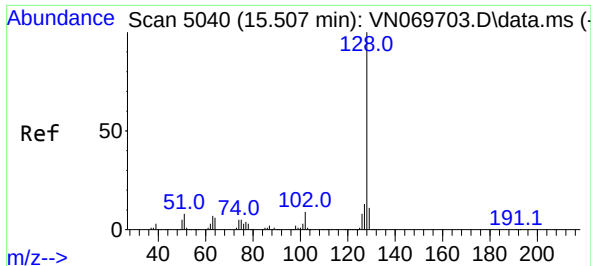
Tgt Ion: 91 Resp: 343312
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#89
n-Butylbenzene
Concen: 4.44 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

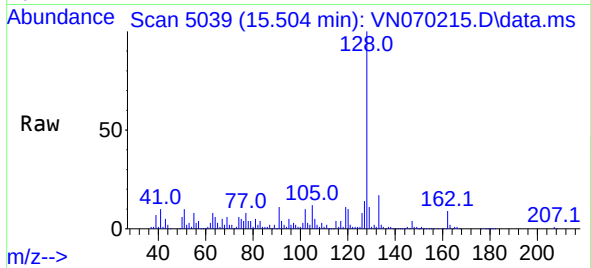
Tgt Ion: 91 Resp: 317406
Ion Ratio Lower Upper
91 100
92 45.5 25.4 76.0
134 39.7 13.6 40.8





#95
Naphthalene
Concen: 10.10 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN070215.D
Acq: 18 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5



Tgt Ion:128 Resp: 425400
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 8.7 8.7 13.1#

