

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070851.D
 Acq On : 31 Jan 2022 14:43
 Operator : JC/MD
 Sample : N1224-03 20X
 Misc : 7.23g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-2-B-3@7-BGS

Quant Time: Jan 31 16:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

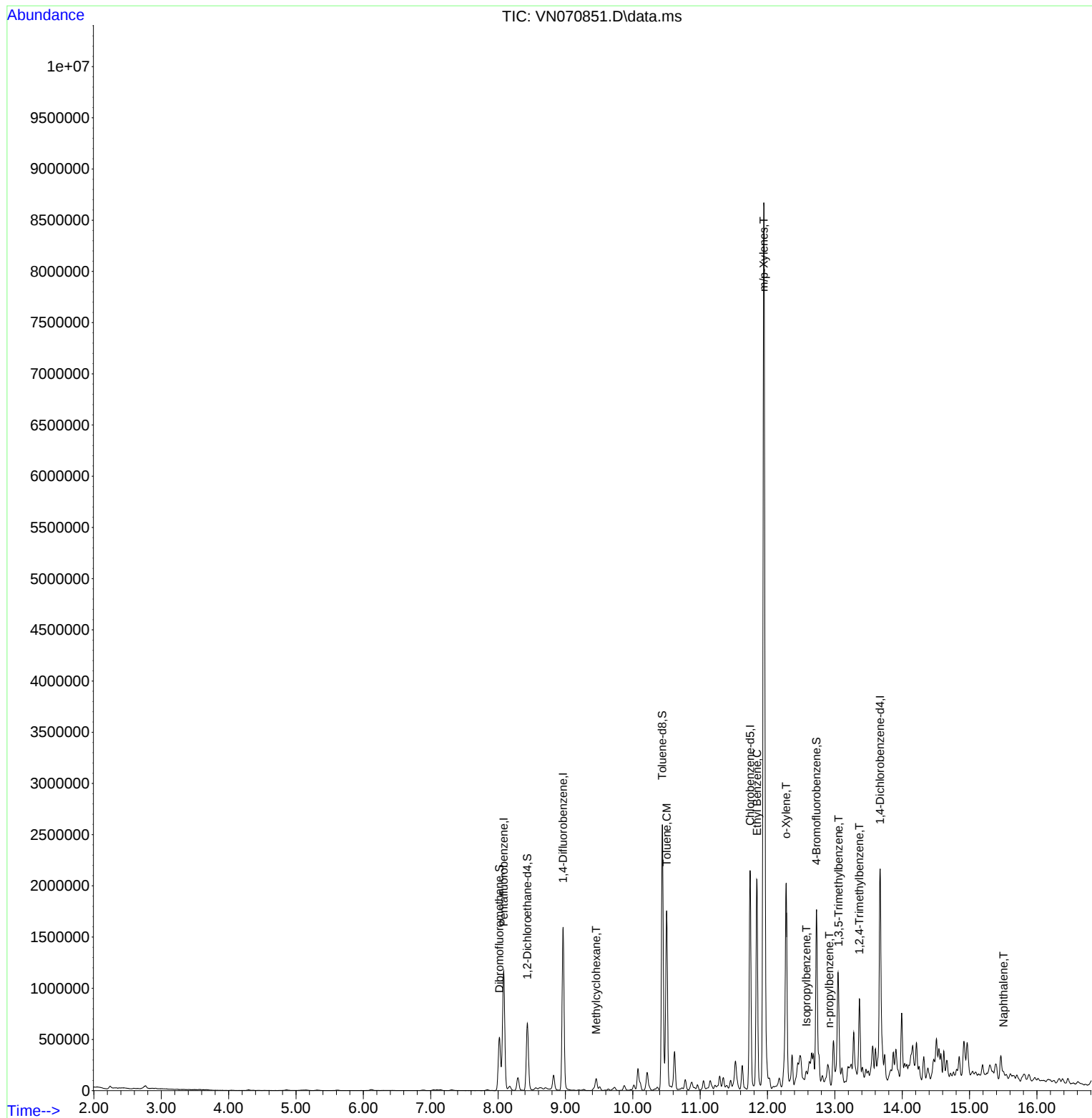
Internal Standards						
1) Pentafluorobenzene	8.083	168	834355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1348253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1215731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	498457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	572136	47.847	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.700%
35) Dibromofluoromethane	8.019	113	387027	46.277	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.560%
50) Toluene-d8	10.438	98	1678105	47.630	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.728	95	593972	47.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.620%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.456	83	39246	2.258	ug/l #	85
52) Toluene	10.502	92	756496	28.989	ug/l	98
67) Ethyl Benzene	11.843	91	1518017	31.085	ug/l	95
68) m/p-Xylenes	11.945	106	2546250	143.324	ug/l	89
69) o-Xylene	12.278	106	517462	29.350	ug/l	88
73) Isopropylbenzene	12.575	105	59501	1.262	ug/l	98
78) n-propylbenzene	12.916	91	76913	1.458	ug/l	95
80) 1,3,5-Trimethylbenzene	13.055	105	170060	4.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.364	105	459729	12.542	ug/l	97
95) Naphthalene	15.504	128	68005	7.319	ug/l	98

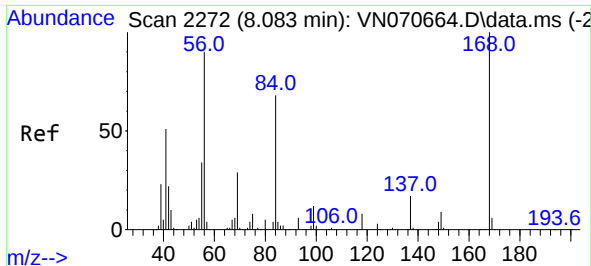
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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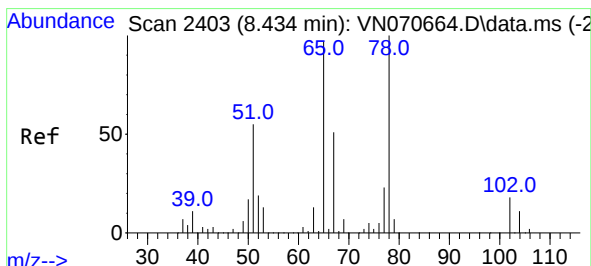
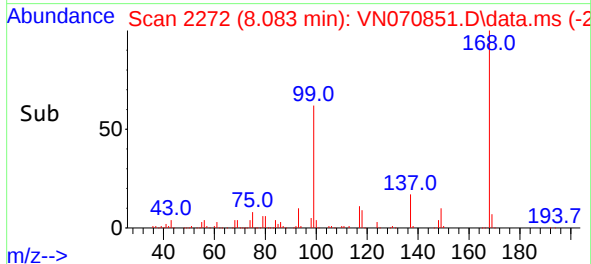
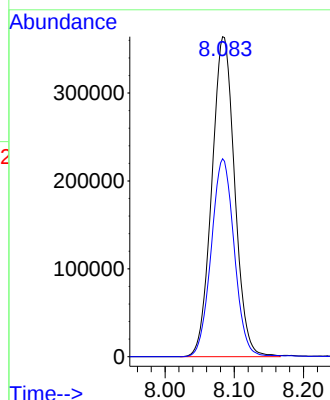
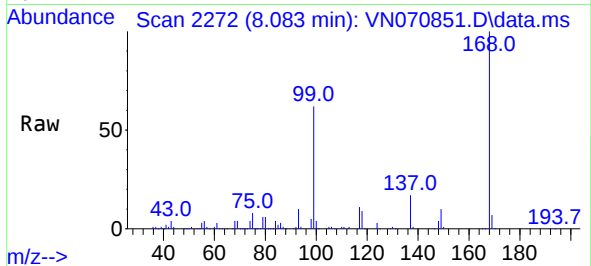




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

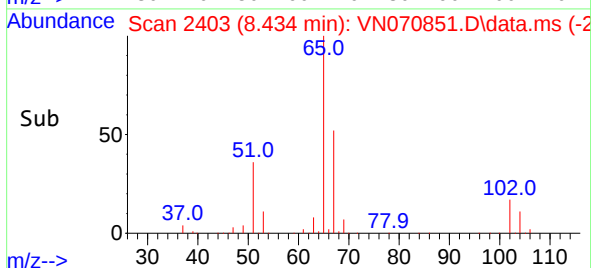
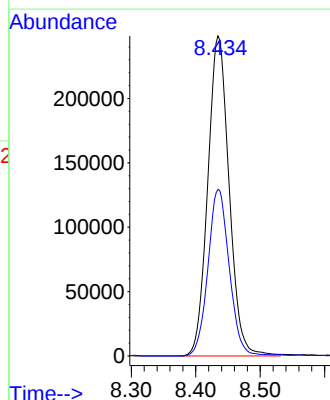
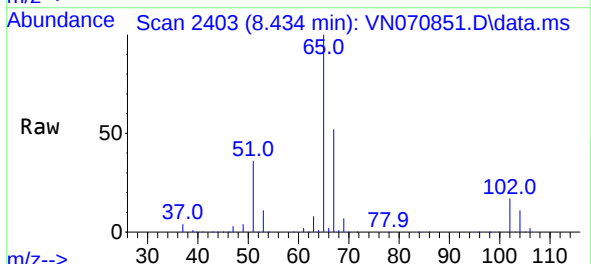
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

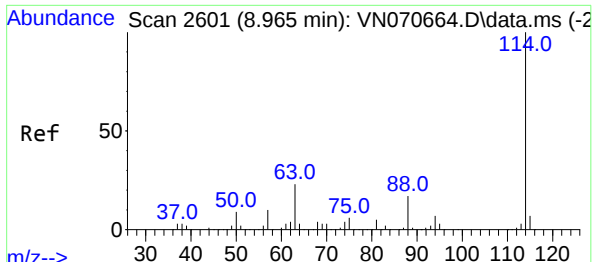
Tgt Ion:168 Resp: 834355
Ion Ratio Lower Upper
168 100
99 61.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 47.847 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion: 65 Resp: 572136
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070851.D

Acq: 31 Jan 2022 14:43

Instrument :

MSVOA_N

ClientSampleId :

AREA-2-B-3@7-BGS

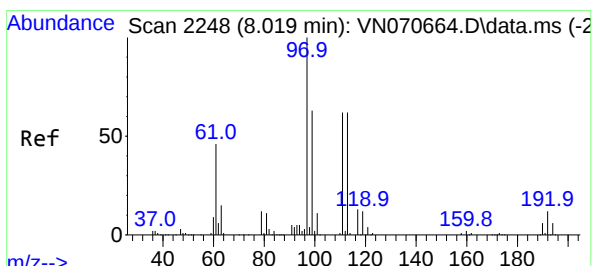
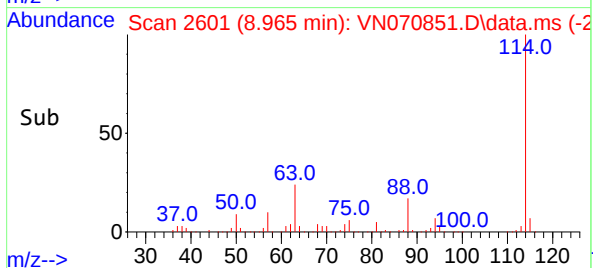
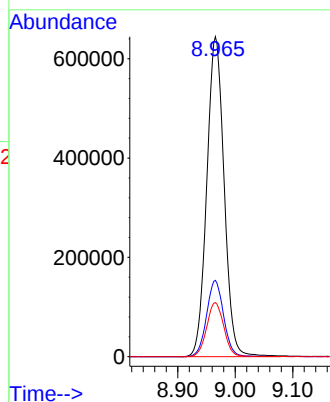
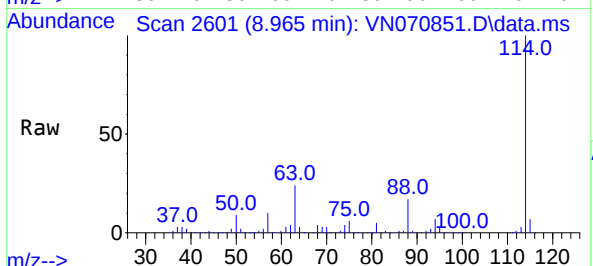
Tgt Ion:114 Resp: 1348253

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.277 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VN070851.D

Acq: 31 Jan 2022 14:43

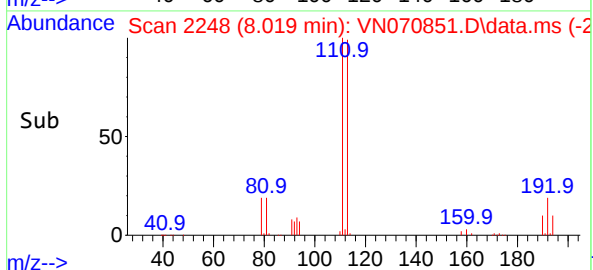
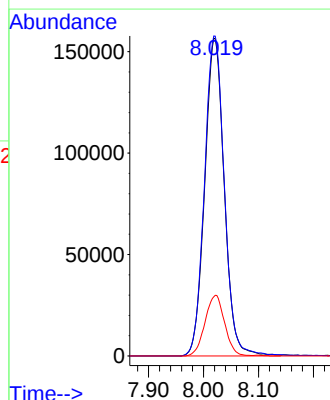
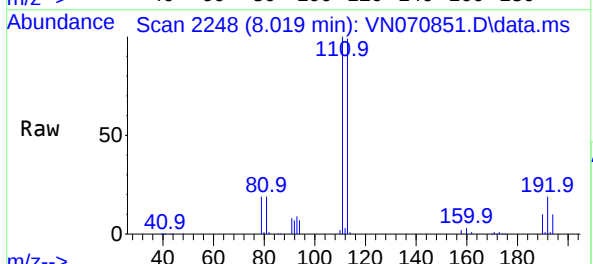
Tgt Ion:113 Resp: 387027

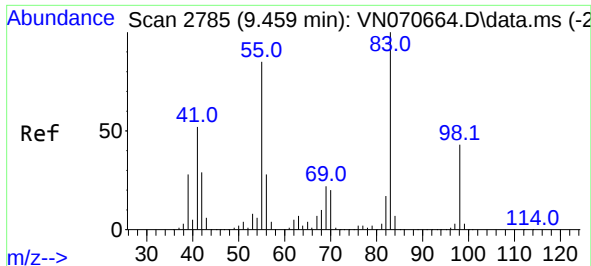
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 2.258 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070851.D

Acq: 31 Jan 2022 14:43

Instrument :

MSVOA_N

ClientSampleId :

AREA-2-B-3@7-BGS

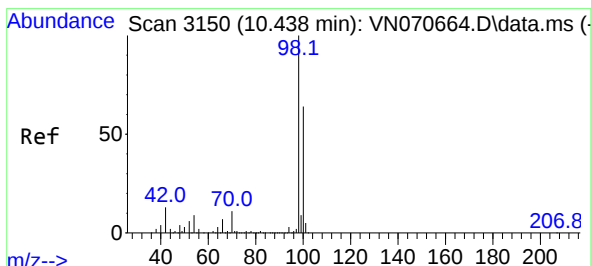
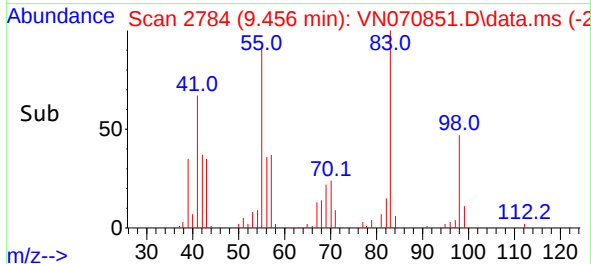
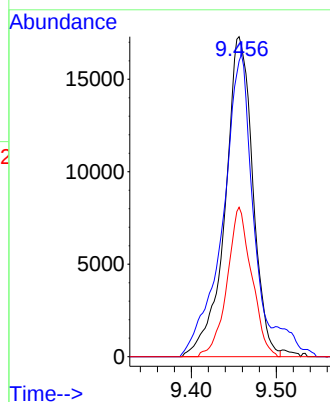
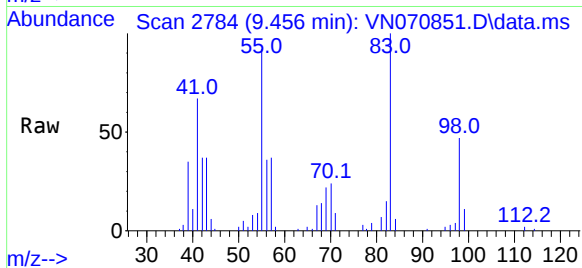
Tgt Ion: 83 Resp: 39246

Ion Ratio Lower Upper

83 100

55 92.3 58.1 87.1#

98 46.7 38.4 57.6



#50

Toluene-d8

Concen: 47.630 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VN070851.D

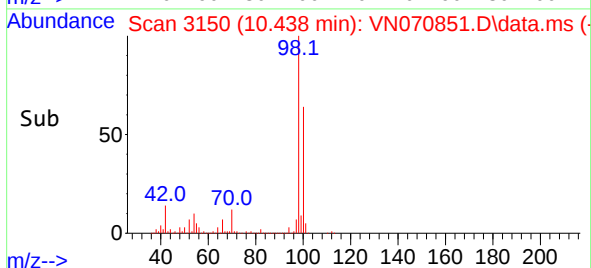
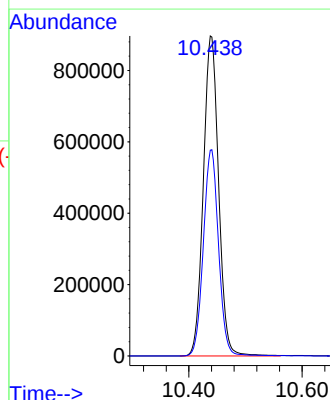
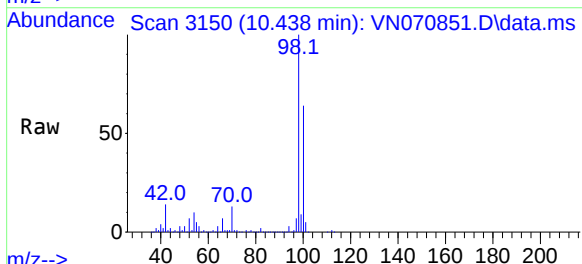
Acq: 31 Jan 2022 14:43

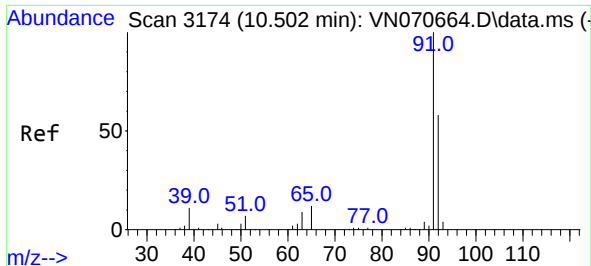
Tgt Ion: 98 Resp: 1678105

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6

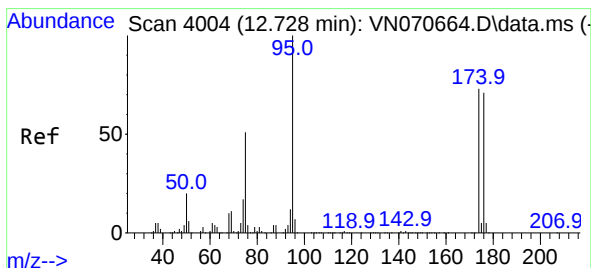
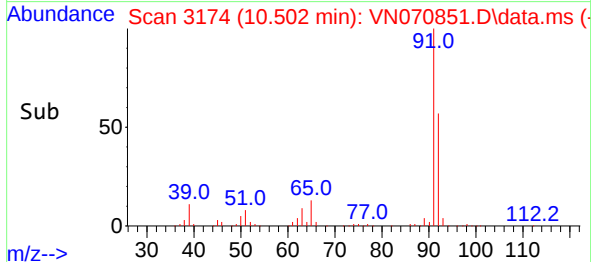
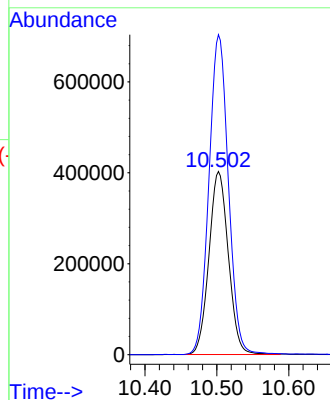
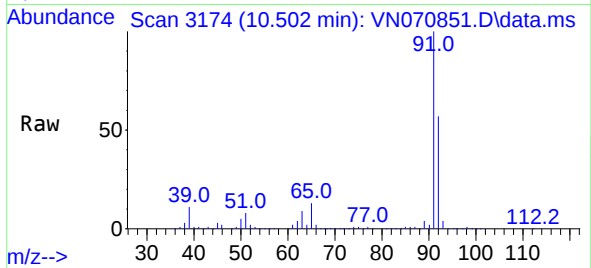




#52
Toluene
Concen: 28.989 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

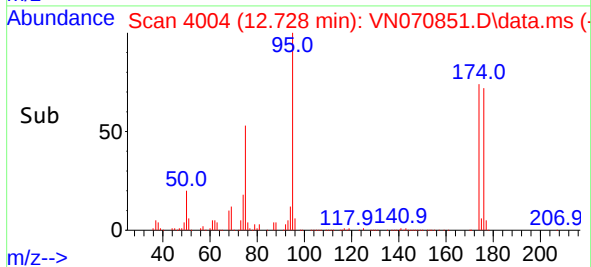
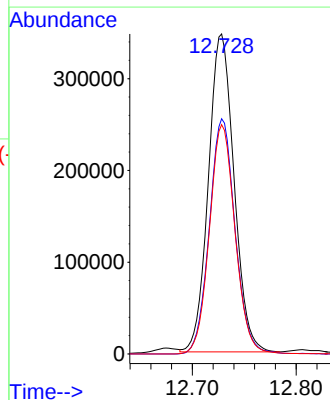
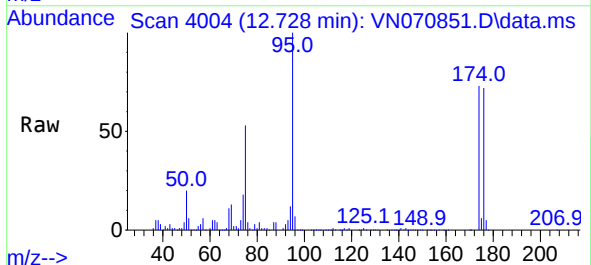
Instrument :
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ClientSampleId :
AREA-2-B-3@7-BGS

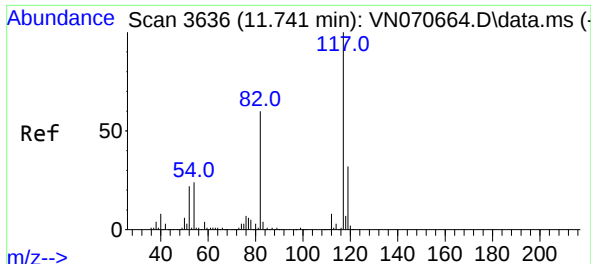
Tgt Ion: 92 Resp: 756496
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.310 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion: 95 Resp: 593972
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.3 0.0 181.4

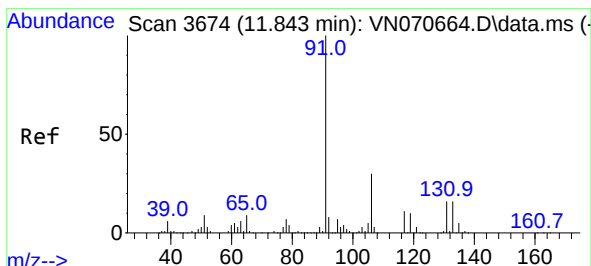
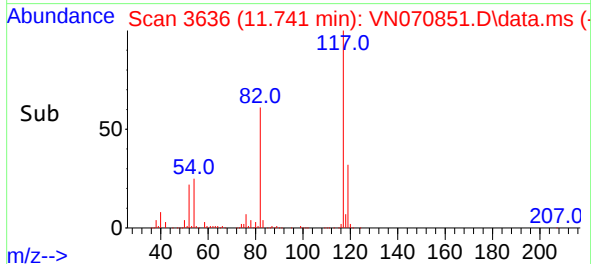
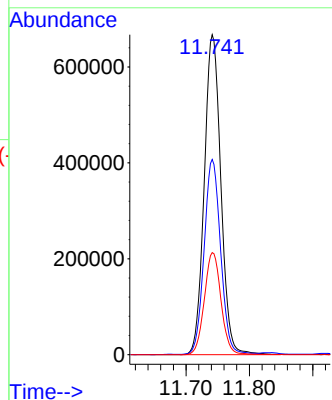
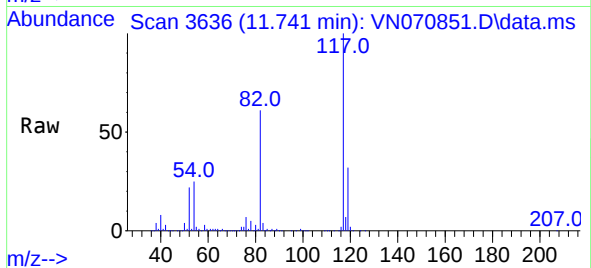




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

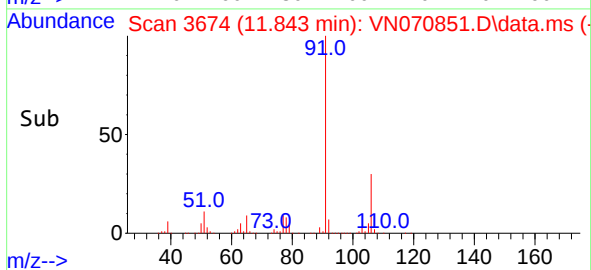
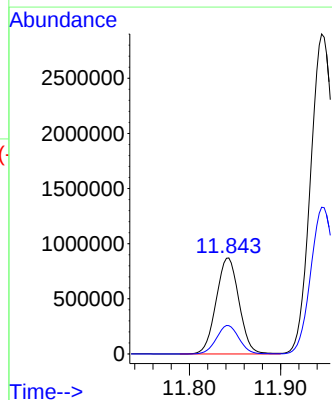
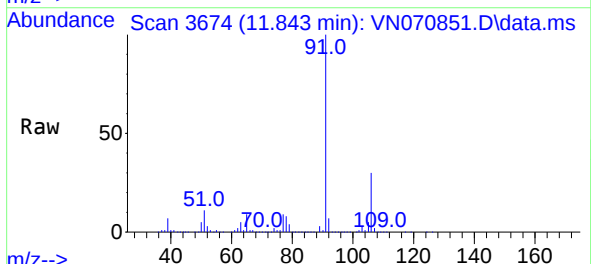
Instrument :
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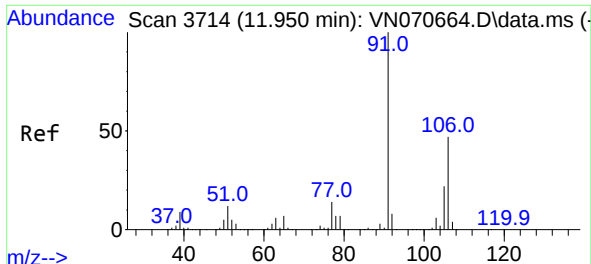
Tgt Ion:117 Resp: 1215731
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 31.085 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion: 91 Resp: 1518017
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

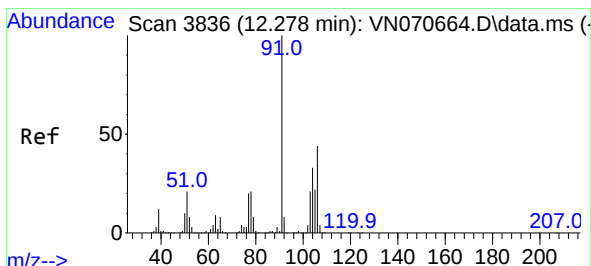
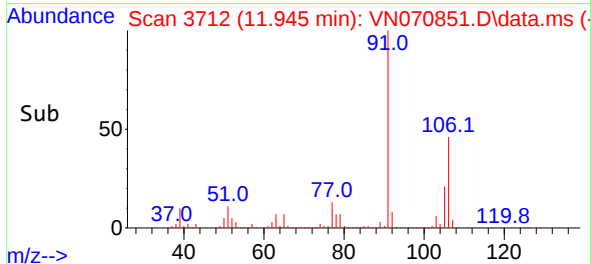
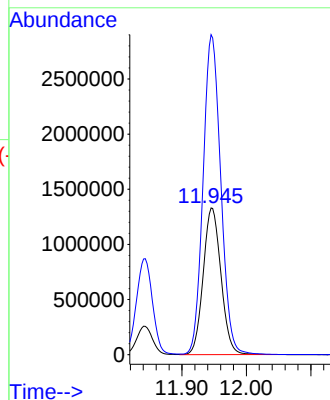
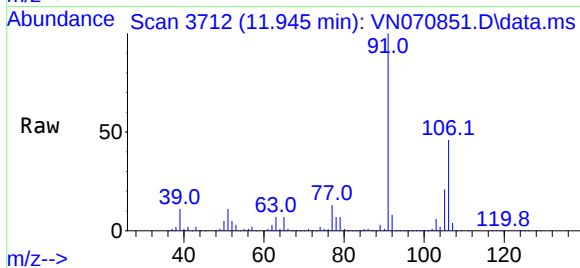




#68
m/p-Xylenes
Concen: 143.324 ug/l
RT: 11.945 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

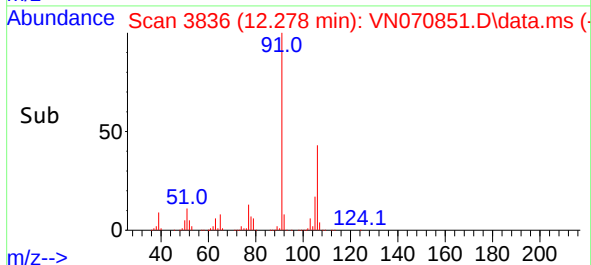
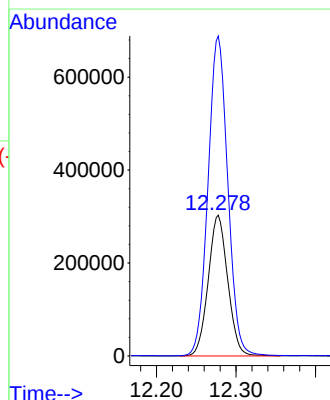
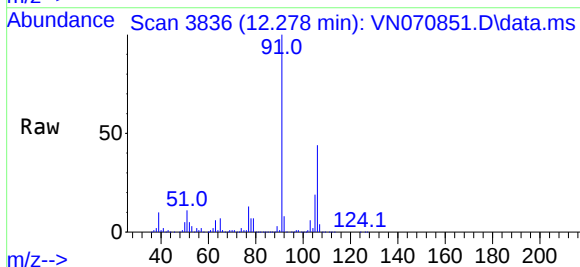
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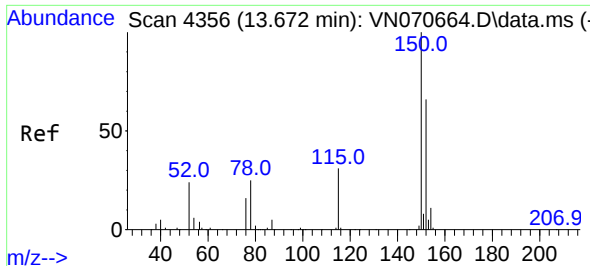
Tgt Ion:106 Resp: 2546250
Ion Ratio Lower Upper
106 100
91 217.7 160.6 240.8



#69
o-Xylene
Concen: 29.350 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion:106 Resp: 517462
Ion Ratio Lower Upper
106 100
91 229.7 105.8 317.3

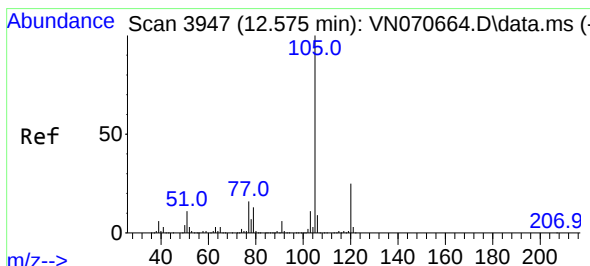
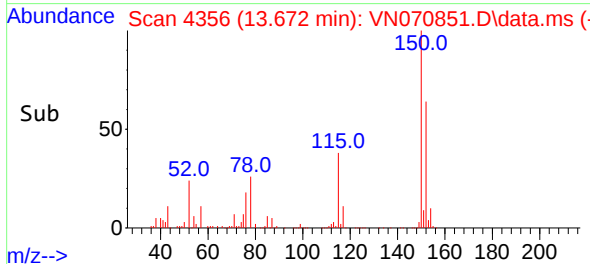
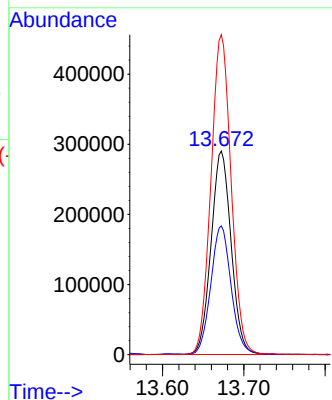
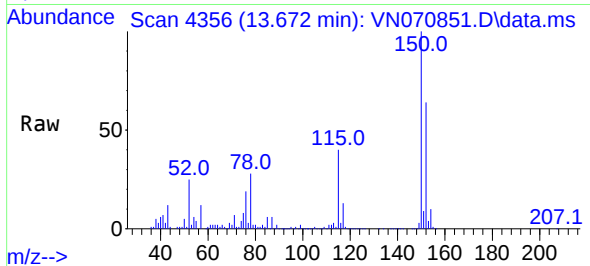




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

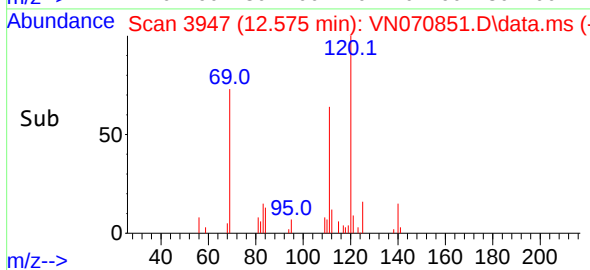
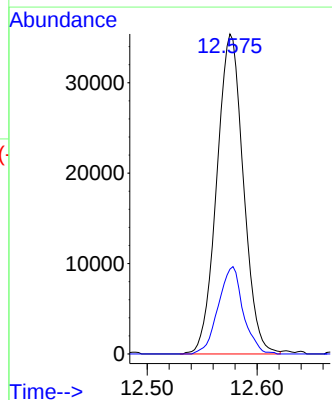
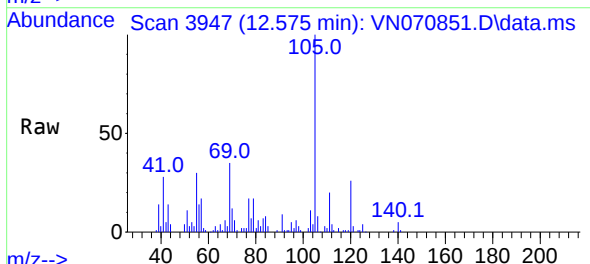
Instrument :
MSVOA_N
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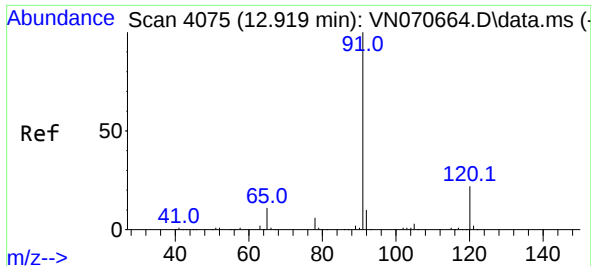
Tgt Ion:152 Resp: 498457
Ion Ratio Lower Upper
152 100
115 64.1 27.5 82.5
150 157.8 0.0 344.4



#73
Isopropylbenzene
Concen: 1.262 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion:105 Resp: 59501
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

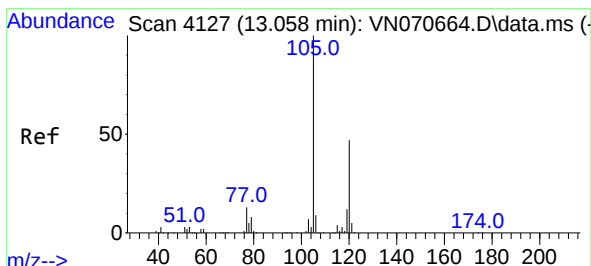
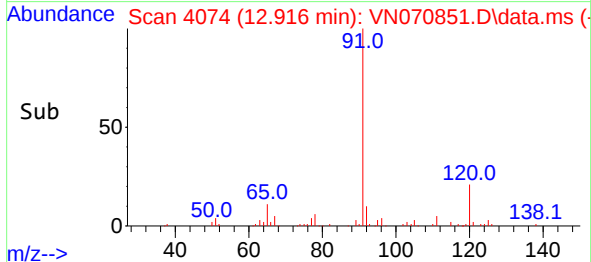
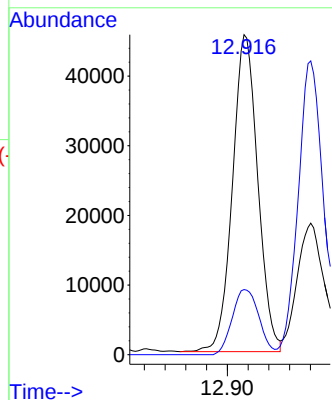
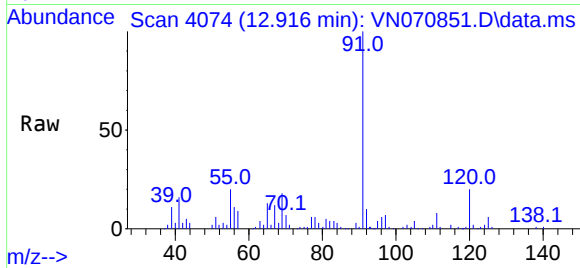




#78
n-propylbenzene
Concen: 1.458 ug/l
RT: 12.916 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

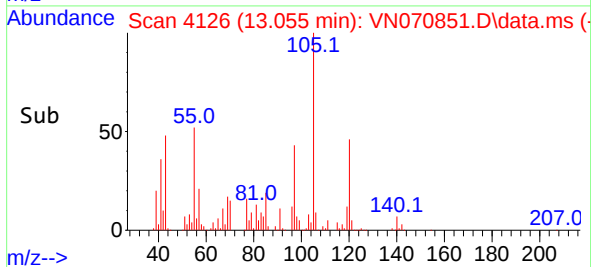
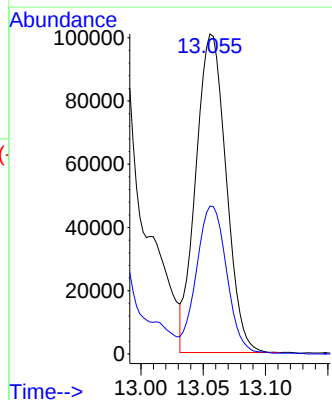
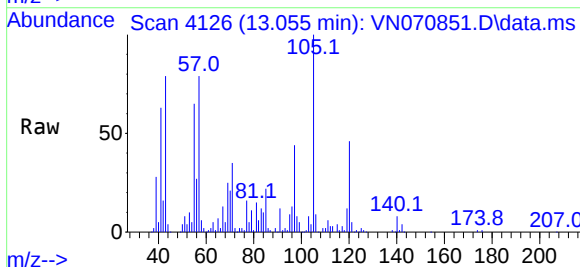
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

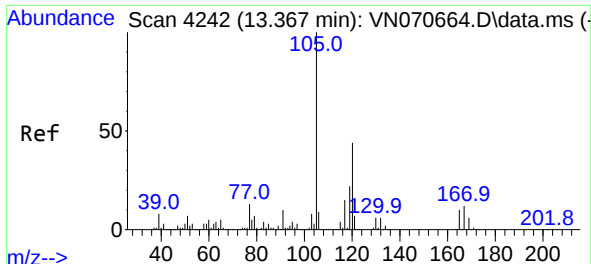
Tgt Ion: 91 Resp: 76913
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 4.459 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion: 105 Resp: 170060
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6

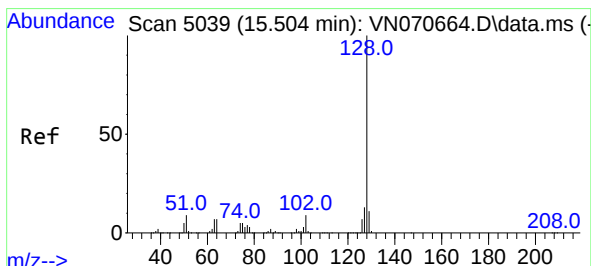
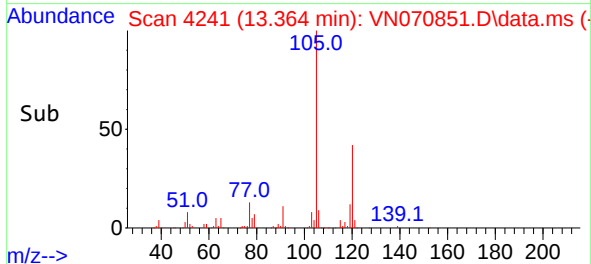
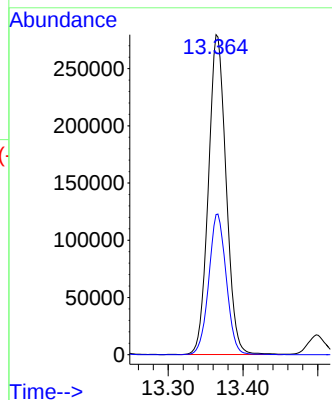
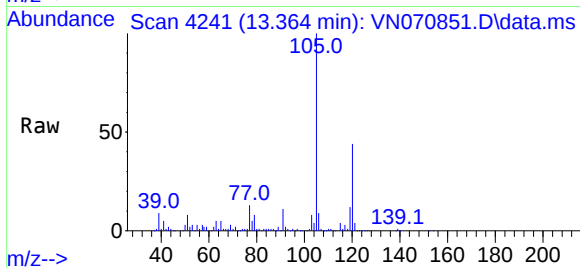




#84
1,2,4-Trimethylbenzene
Concen: 12.542 ug/l
RT: 13.364 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

Tgt Ion:105 Resp: 459729
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4



#95
Naphthalene
Concen: 7.319 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070851.D
Acq: 31 Jan 2022 14:43

Tgt Ion:128 Resp: 68005
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 10.3 8.7 13.1

