

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070007.D
 Acq On : 11 Dec 2021 14:45
 Operator : JC/MD
 Sample : M4873-08 10X
 Misc : 6.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-9-6.5

Quant Time: Dec 12 16:20:32 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)

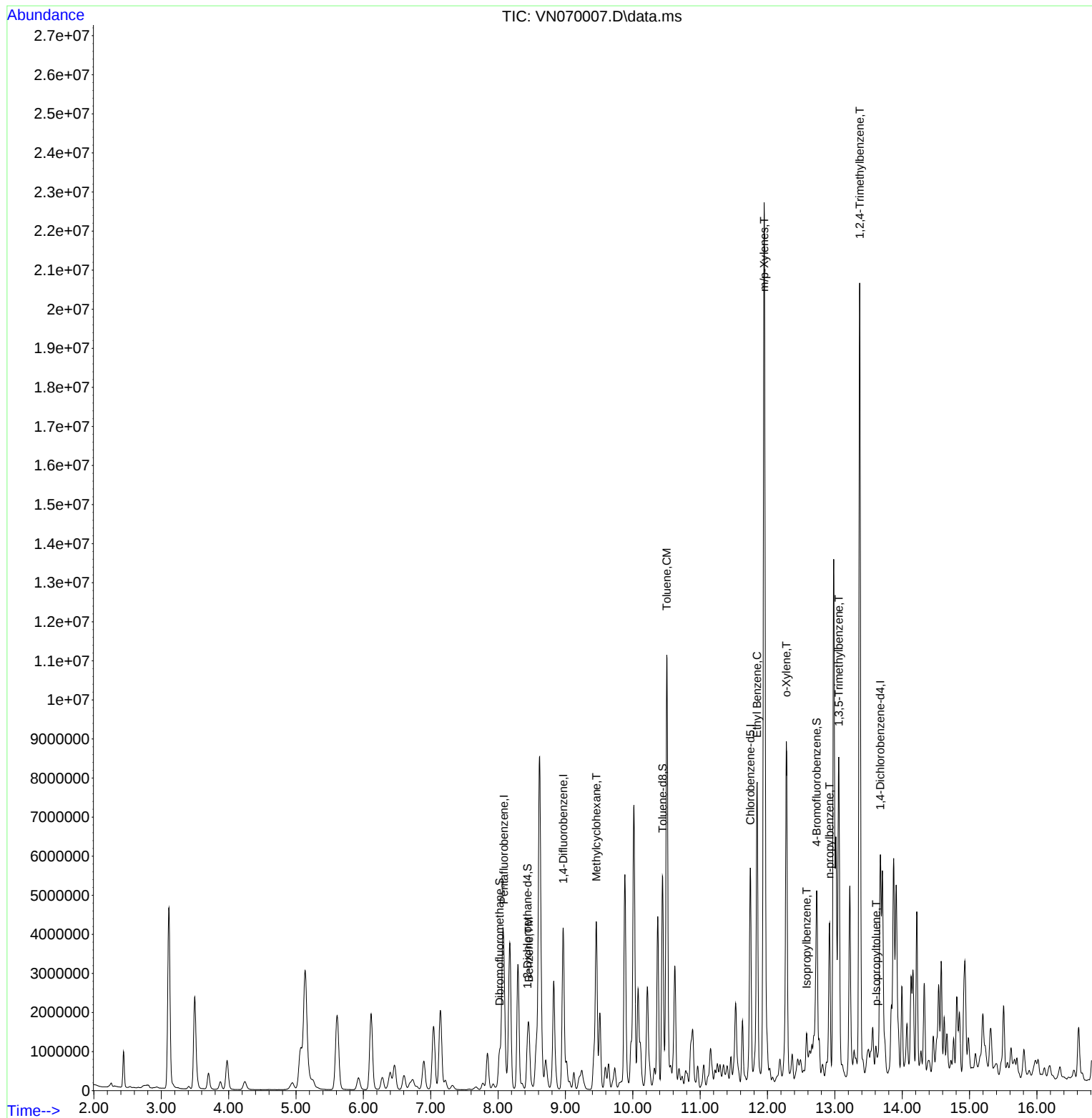
Internal Standards						
1) Pentafluorobenzene	8.086	168	1200554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2224690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2709006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1371797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	920302	49.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.300%
35) Dibromofluoromethane	8.021	113	684626	49.130	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.260%
50) Toluene-d8	10.443	98	3012998	53.848	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.731	95	1509036	74.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	148.880%#
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.462	83	998493	39.637	ug/l #	79
40) Benzene	8.459	78	1141925	17.640	ug/l	99
52) Toluene	10.505	92	4546297	115.034	ug/l	98
67) Ethyl Benzene	11.846	91	5233423	52.424	ug/l	96
68) m/p-Xylenes	11.950	106	6312305	173.660	ug/l	94
69) o-Xylene	12.280	106	2219406	60.618	ug/l	90
73) Isopropylbenzene	12.581	105	657731	5.389	ug/l	99
78) n-propylbenzene	12.921	91	3033626	22.336	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	3478153	35.406	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	11326875	121.069	ug/l	98
86) p-Isopropyltoluene	13.616	119	182201	1.976	ug/l	96

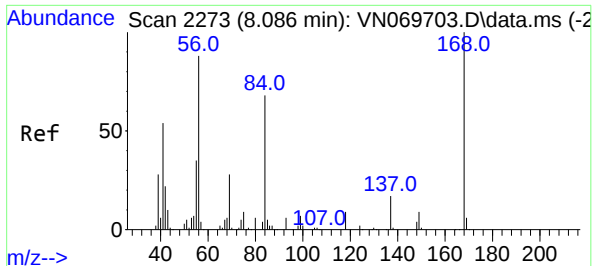
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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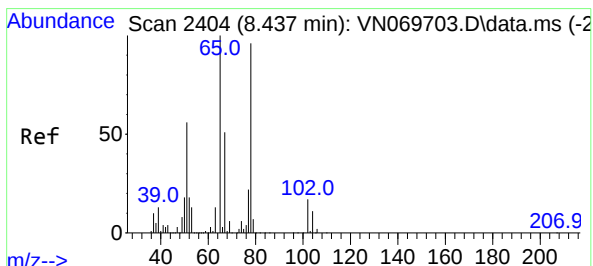
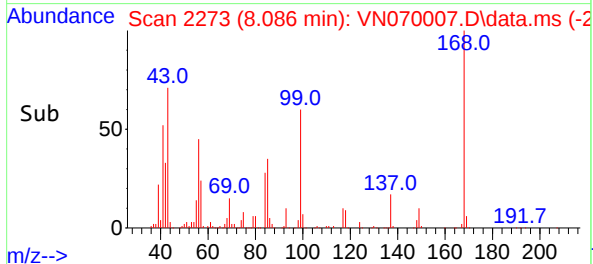
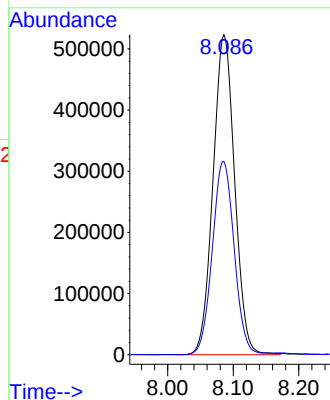
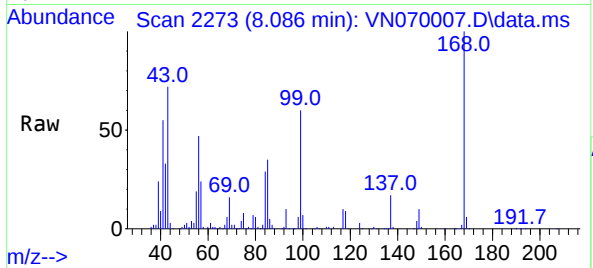




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

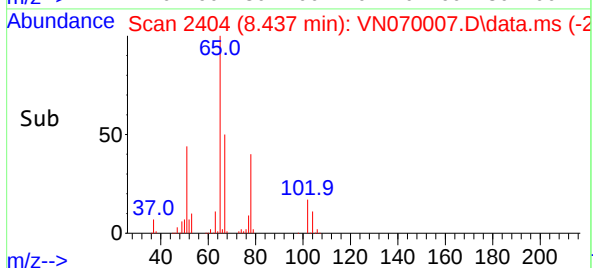
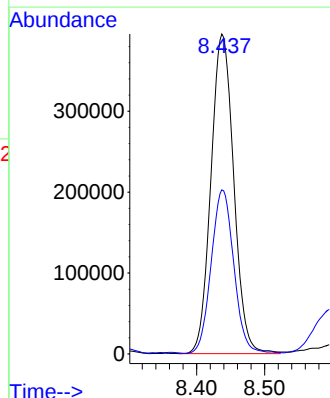
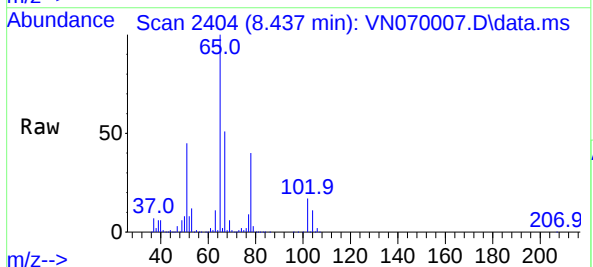
Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

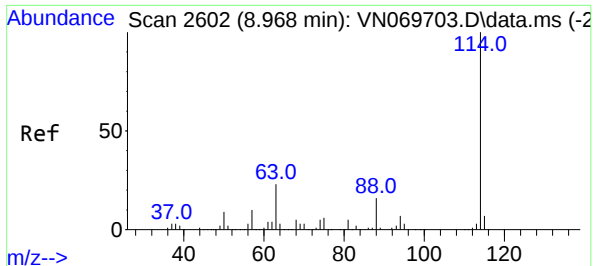
Tgt Ion:168 Resp: 1200554
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.648 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 65 Resp: 920302
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

ClientSampleId :

A2-9-6.5

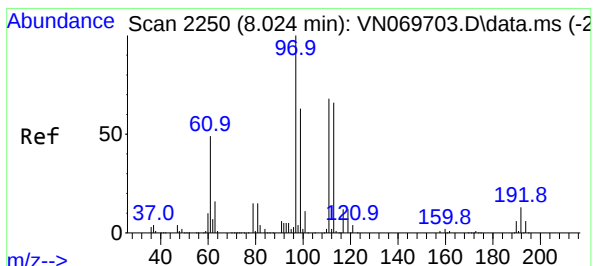
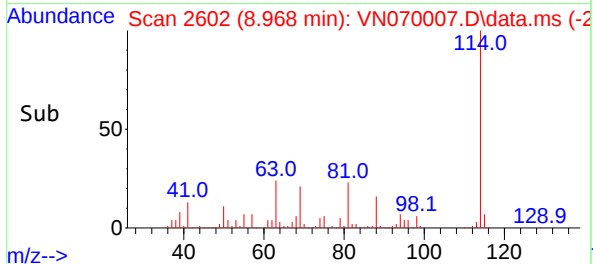
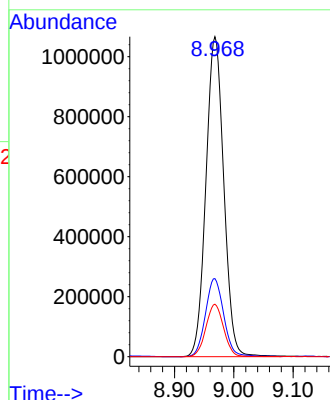
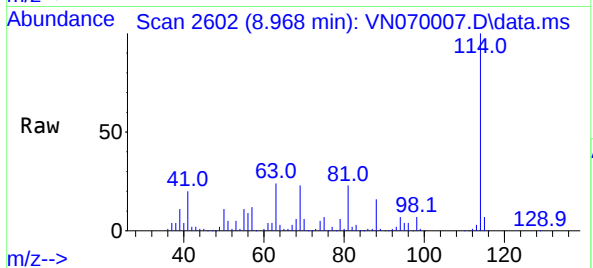
Tgt Ion:114 Resp: 2224690

Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.130 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.002 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

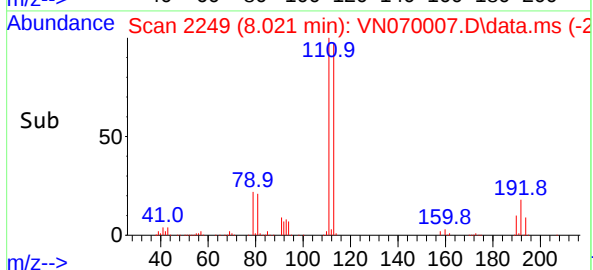
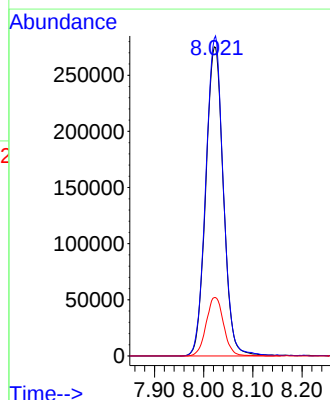
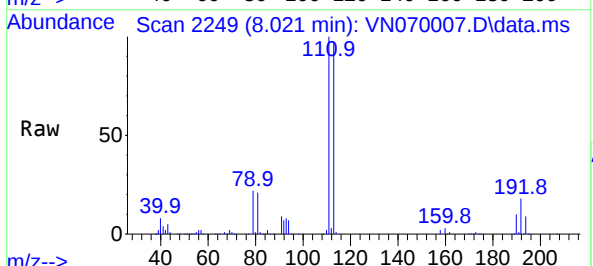
Tgt Ion:113 Resp: 684626

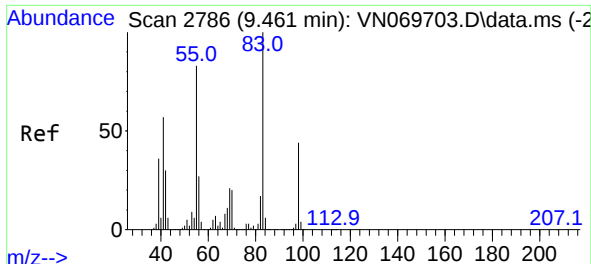
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 39.637 ug/l

RT: 9.462 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070007.D

Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

ClientSampleId :

A2-9-6.5

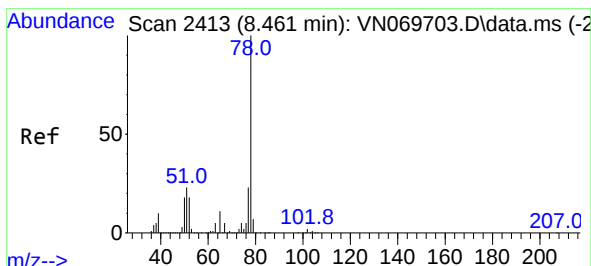
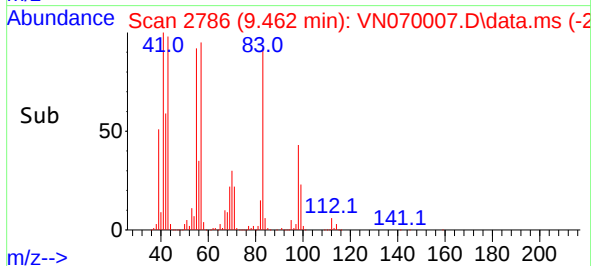
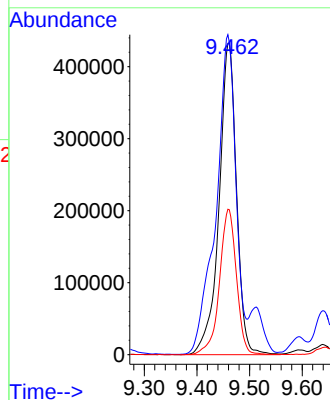
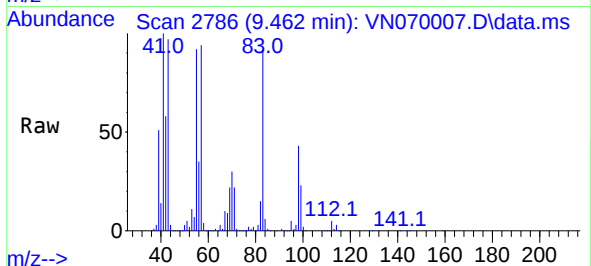
Tgt Ion: 83 Resp: 998493

Ion Ratio Lower Upper

83 100

55 100.2 58.1 87.1#

98 46.6 38.4 57.6



#40

Benzene

Concen: 17.640 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN070007.D

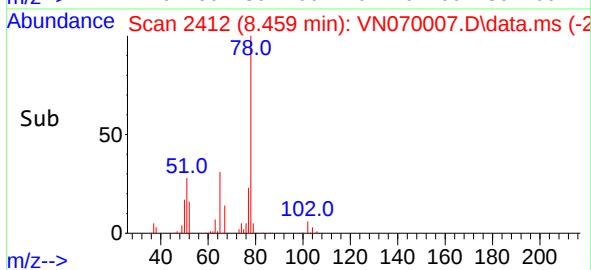
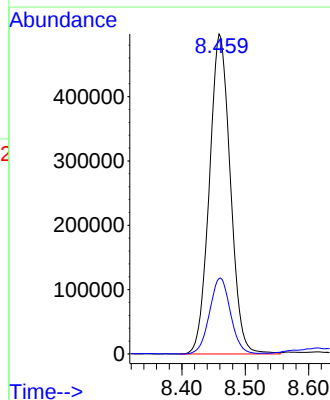
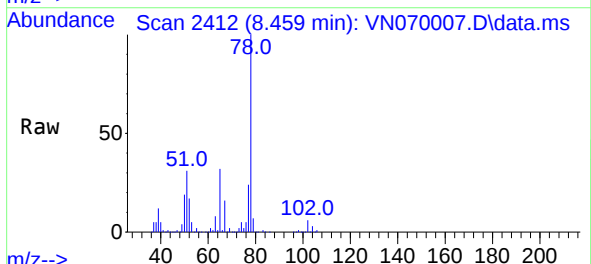
Acq: 11 Dec 2021 14:45

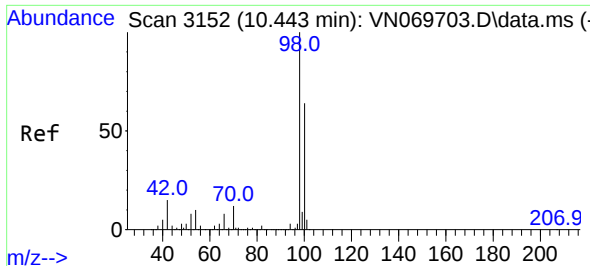
Tgt Ion: 78 Resp: 1141925

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

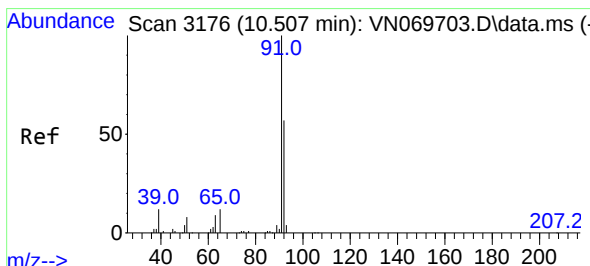
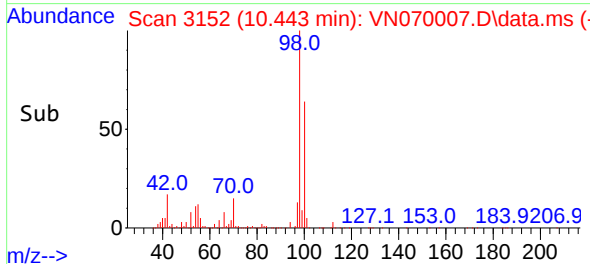
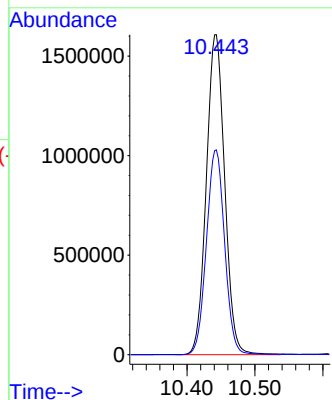
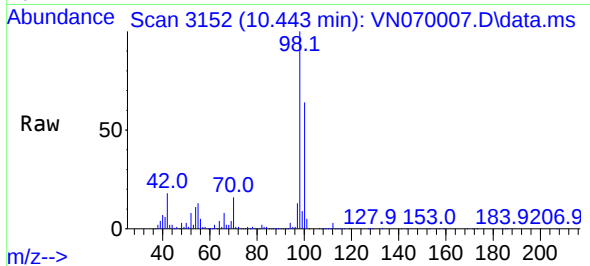




#50
Toluene-d8
Concen: 53.848 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

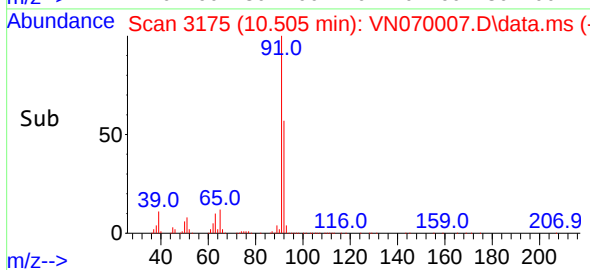
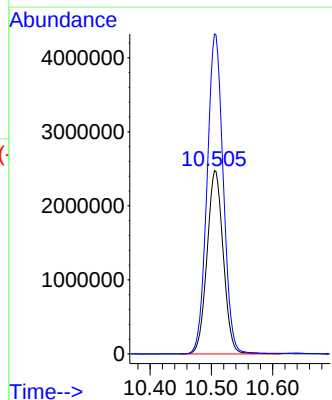
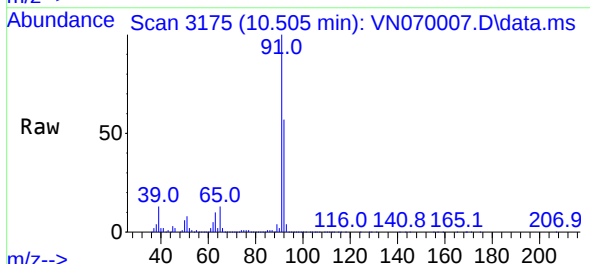
Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

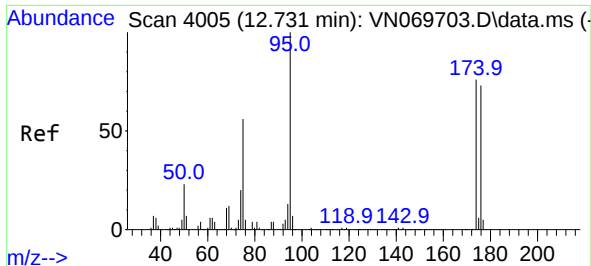
Tgt Ion: 98 Resp: 3012998
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#52
Toluene
Concen: 115.034 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 92 Resp: 4546297
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0

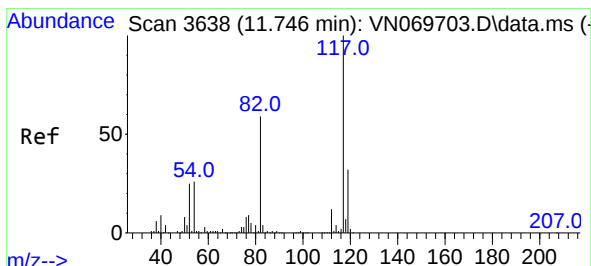
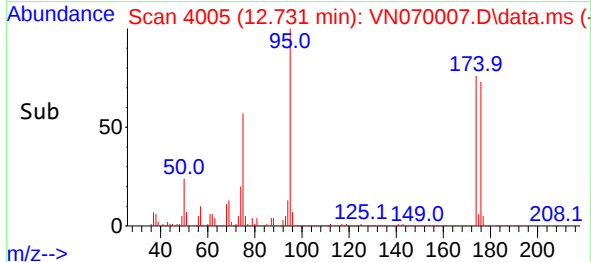
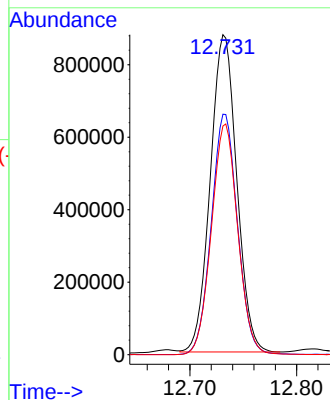
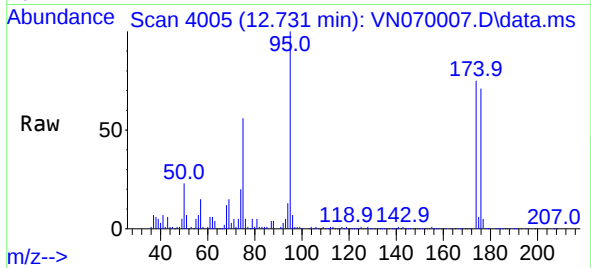




#62
4-Bromofluorobenzene
Concen: 74.444 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

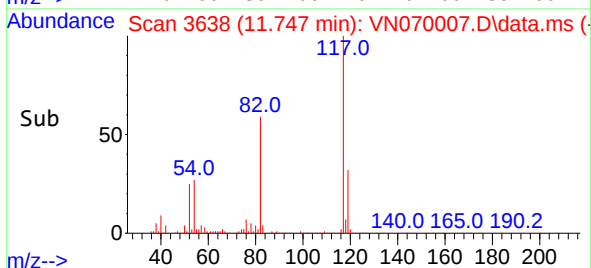
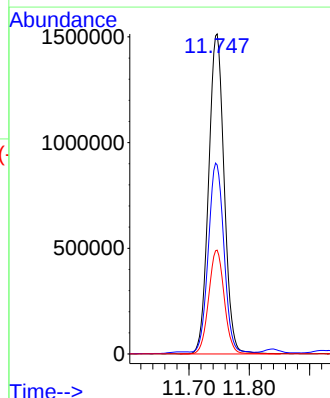
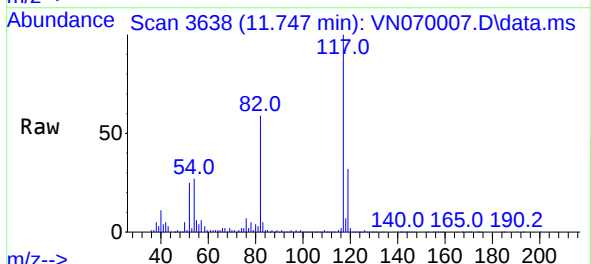
Instrument :
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ClientSampleId :
A2-9-6.5

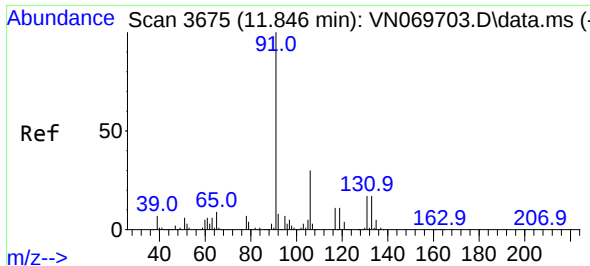
Tgt Ion: 95 Resp: 1509036
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 117 Resp: 2709006
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.4 25.4 38.2

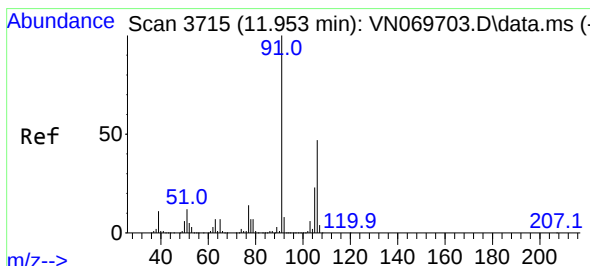
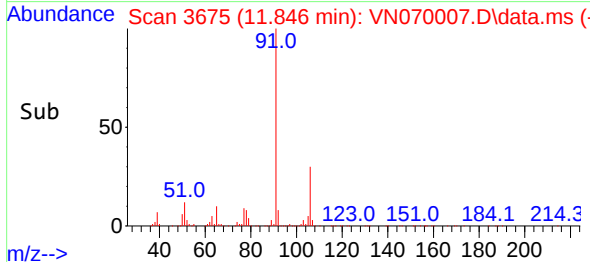
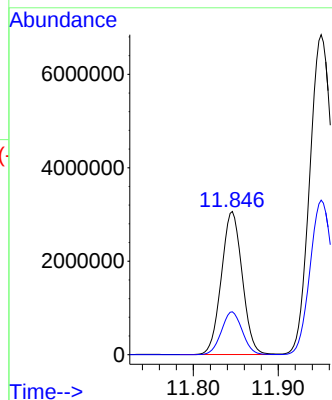
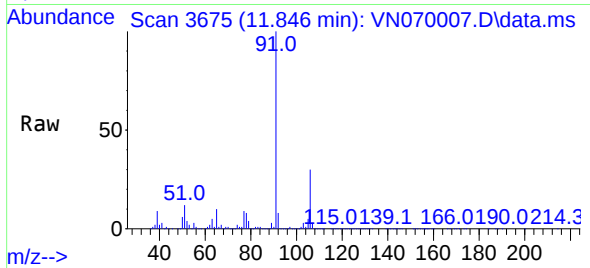




#67
Ethyl Benzene
Concen: 52.424 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

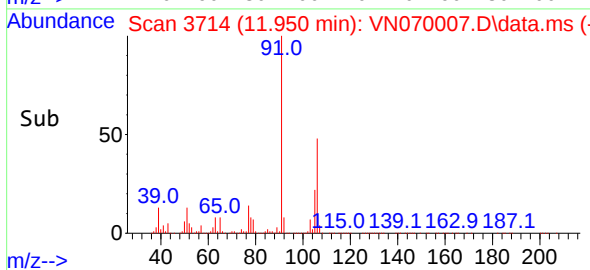
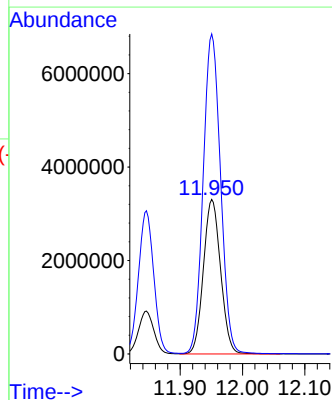
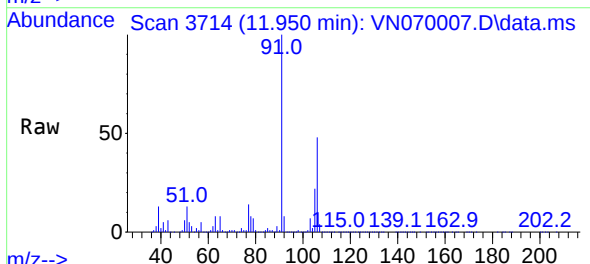
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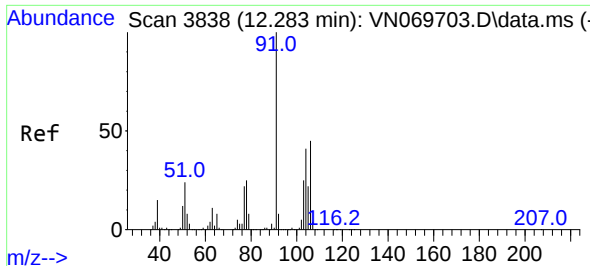
Tgt Ion: 91 Resp: 5233423
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 173.660 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 106 Resp: 6312305
Ion Ratio Lower Upper
106 100
91 209.5 160.6 240.8

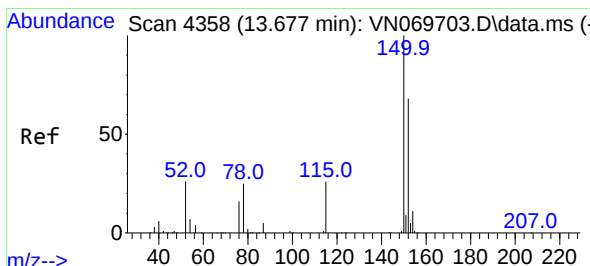
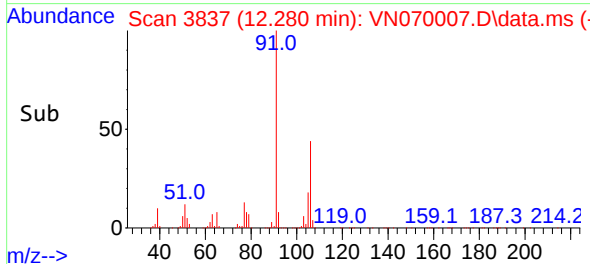
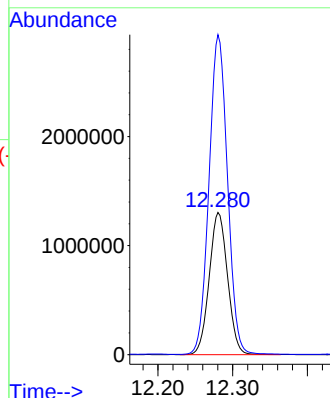
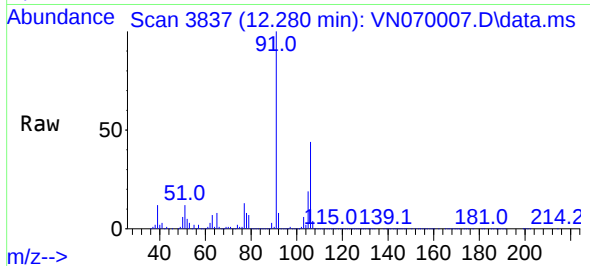




#69
o-Xylene
Concen: 60.618 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

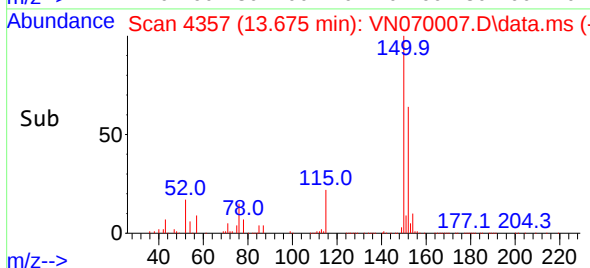
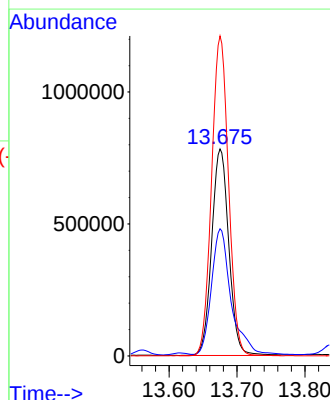
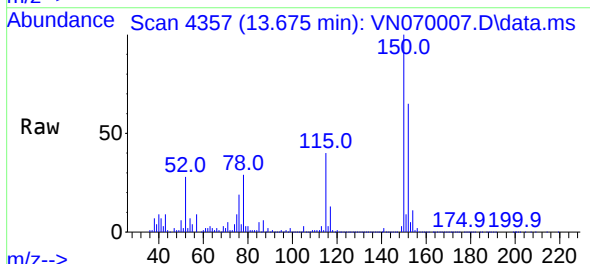
Instrument :
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A2-9-6.5

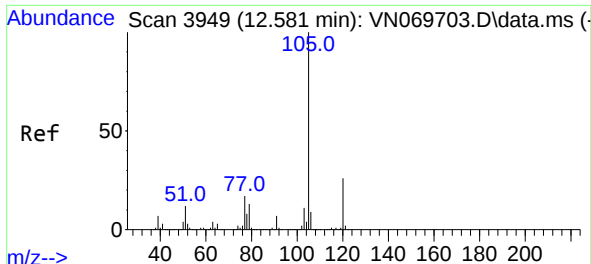
Tgt Ion:106 Resp: 2219406
Ion Ratio Lower Upper
106 100
91 226.4 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion:152 Resp: 1371797
Ion Ratio Lower Upper
152 100
115 69.7 27.5 82.5
150 152.8 0.0 344.4

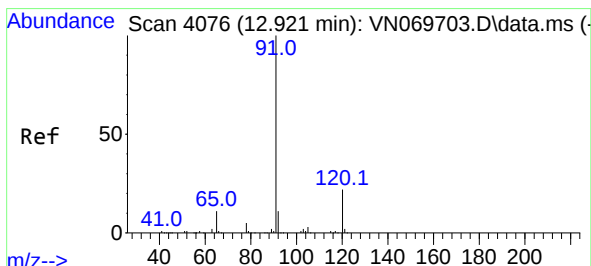
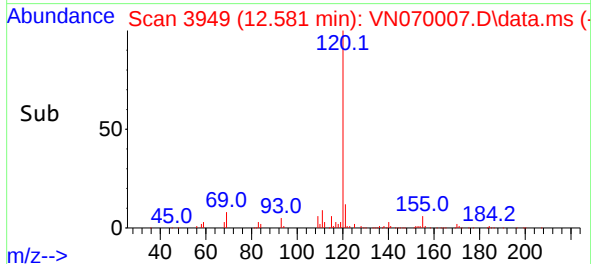
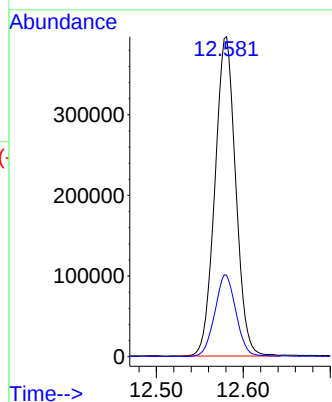
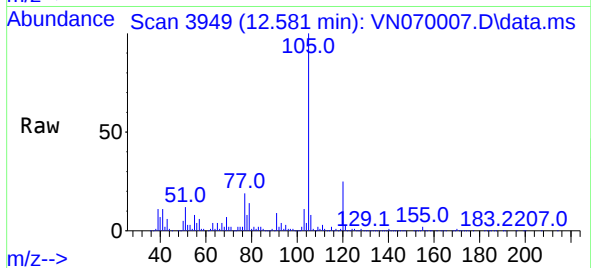




#73
Isopropylbenzene
Concen: 5.389 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

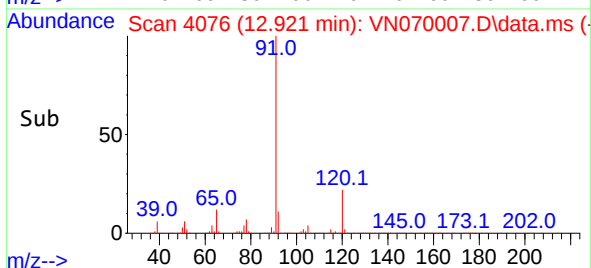
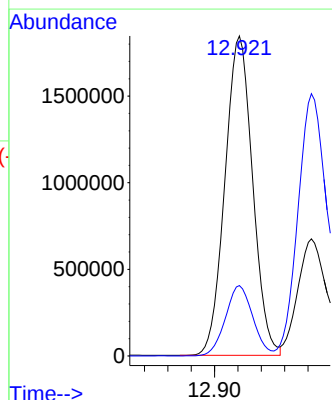
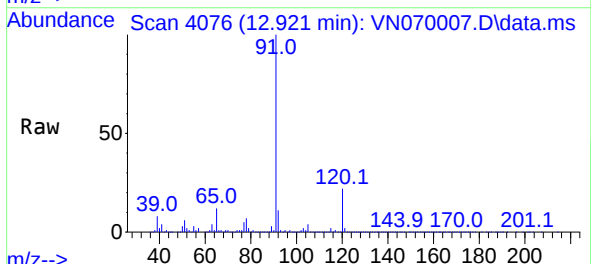
Instrument :
MSVOA_N
ClientSampleId :
A2-9-6.5

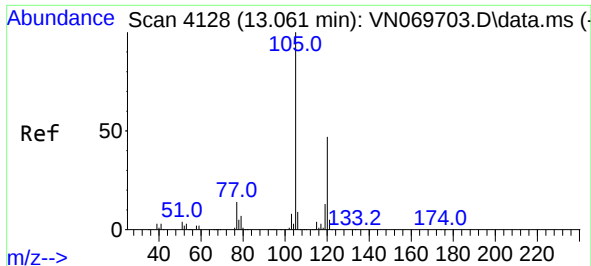
Tgt Ion:105 Resp: 657731
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#78
n-propylbenzene
Concen: 22.336 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070007.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 91 Resp: 3033626
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

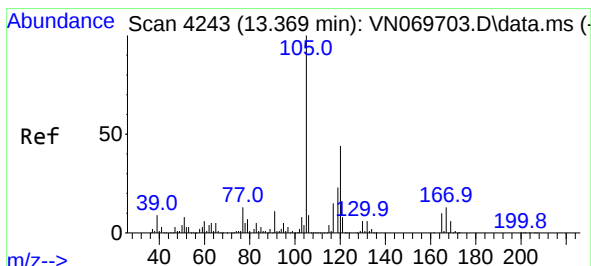
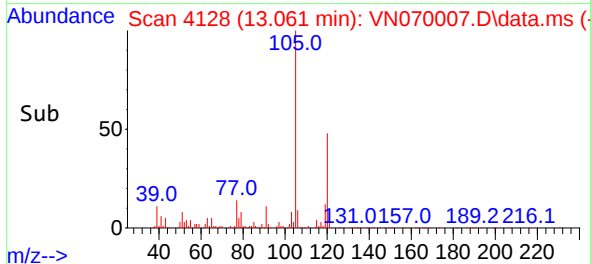
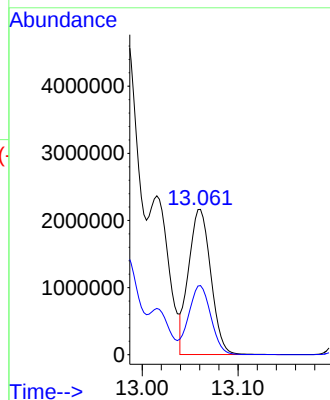
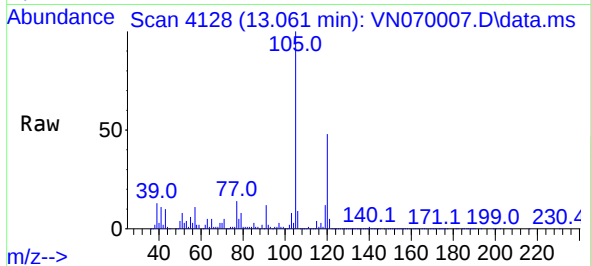




#80
 1,3,5-Trimethylbenzene
 Concen: 35.406 ug/l
 RT: 13.061 min Scan# 4128
 Delta R.T. 0.000 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

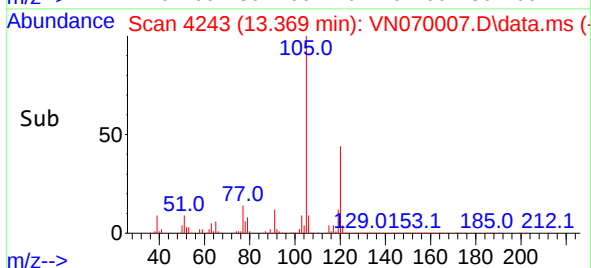
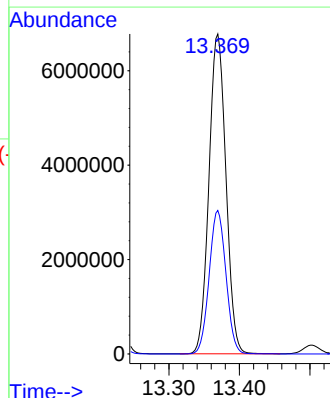
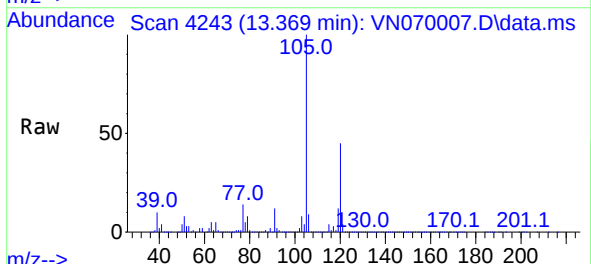
Instrument :
 MSVOA_N
 ClientSampleId :
 A2-9-6.5

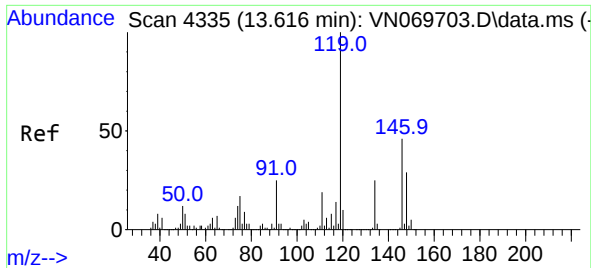
Tgt Ion:105 Resp: 3478153
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 121.069 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN070007.D
 Acq: 11 Dec 2021 14:45

Tgt Ion:105 Resp:11326875
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.4





#86

p-Isopropyltoluene

Concen: 1.976 ug/l

RT: 13.616 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070007.D

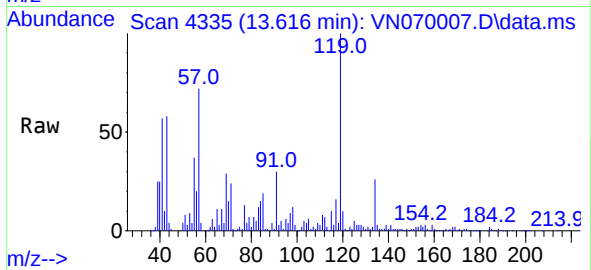
Acq: 11 Dec 2021 14:45

Instrument :

MSVOA_N

ClientSampleId :

A2-9-6.5



Tgt Ion:119 Resp: 182201

Ion Ratio Lower Upper

119 100

134 25.0 13.6 40.7

91 24.8 11.4 34.1

