

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070264.D
 Acq On : 21 Dec 2021 13:46
 Operator : JC/MD
 Sample : M5039-01DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 20:10:22 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	893569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1506537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1343026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	553237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	678343	49.167	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.340%		
35) Dibromofluoromethane	8.021	113	440462	46.676	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.360%		
50) Toluene-d8	10.441	98	1753737	46.284	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.560%		
62) 4-Bromofluorobenzene	12.728	95	636740	46.385	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.780%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.459	83	422572	24.771	ug/l #	87
40) Benzene	8.461	78	35755	0.816	ug/l	95
52) Toluene	10.505	92	9395	0.351	ug/l	93
67) Ethyl Benzene	11.843	91	449667	9.086	ug/l	97
68) m/p-Xylenes	11.958	106	146813	8.147	ug/l	93
69) o-Xylene	12.278	106	19915	1.097	ug/l	93
73) Isopropylbenzene	12.578	105	2226954	45.243	ug/l	98
78) n-propylbenzene	12.919	91	3497687	63.857	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	3674058	92.736	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	7865000	208.450	ug/l	98
85) sec-Butylbenzene	13.501	105	173629m	3.649	ug/l	
86) p-Isopropyltoluene	13.613	119	32391m	0.871	ug/l	
89) n-Butylbenzene	13.940	91	154036	5.105	ug/l #	75

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

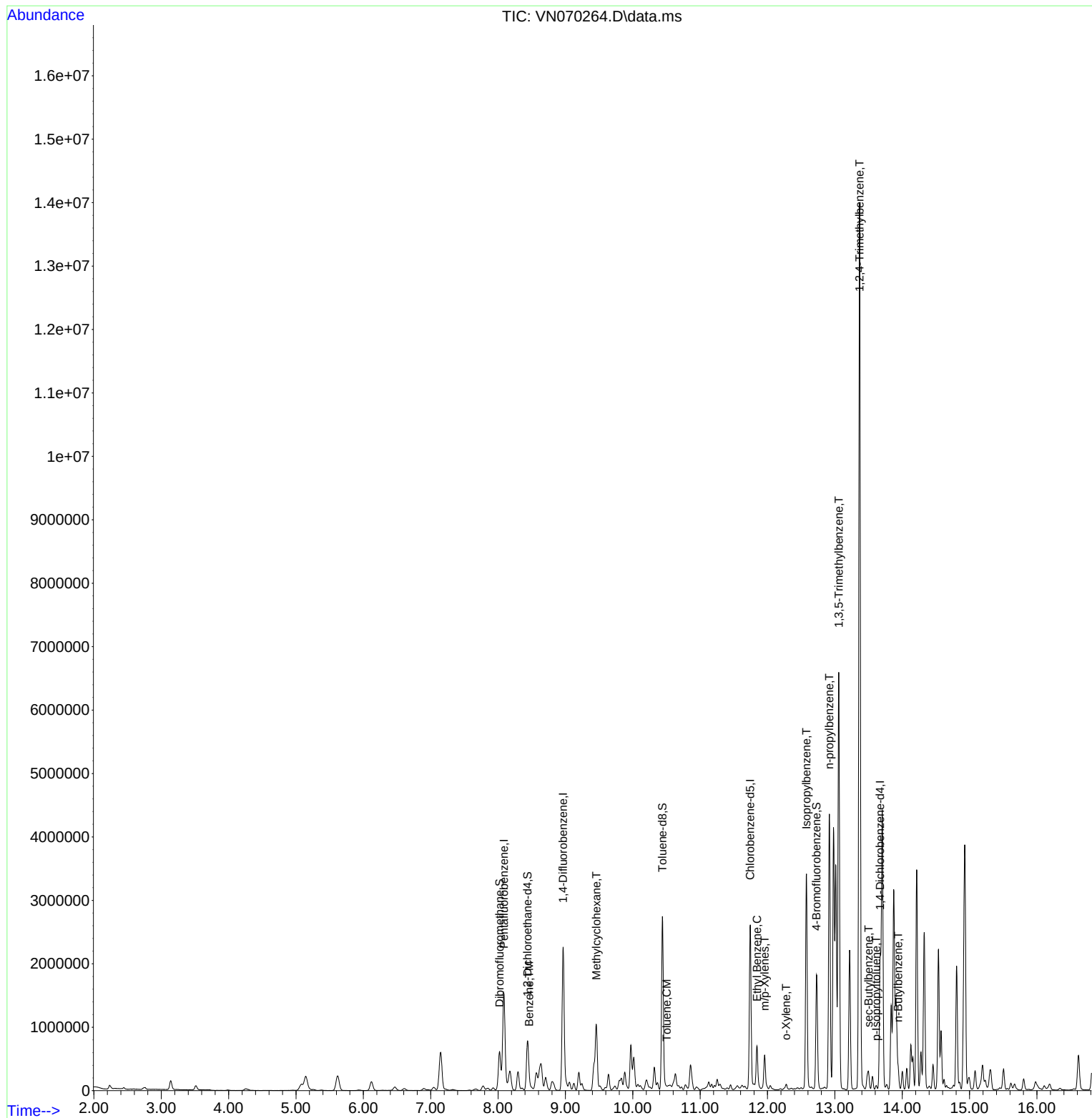
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070264.D
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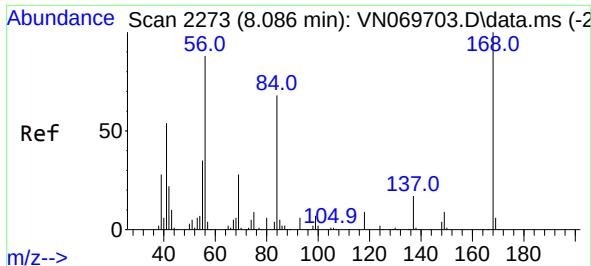
Instrument :
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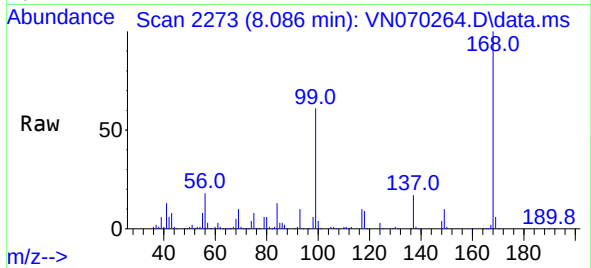
Quant Time: Dec 21 20:10:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

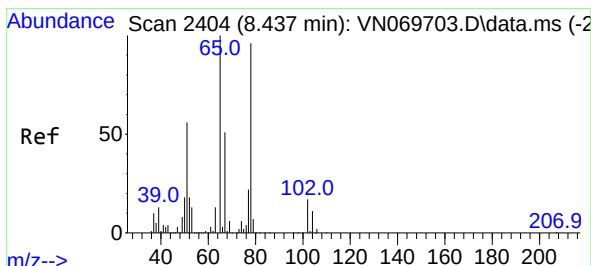
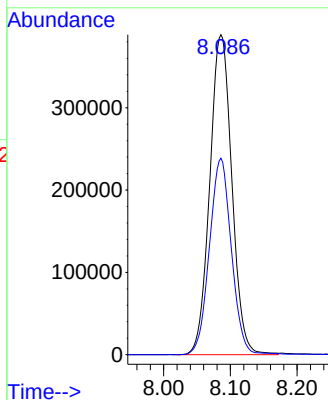
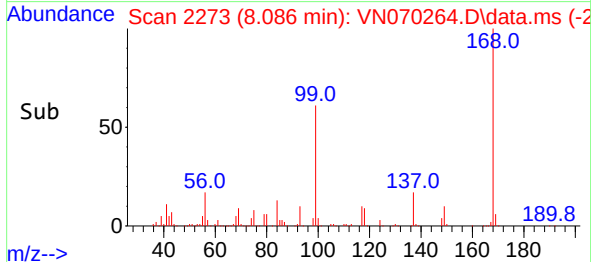
Instrument :
MSVOA_N
ClientSampleId :
MW-11DL



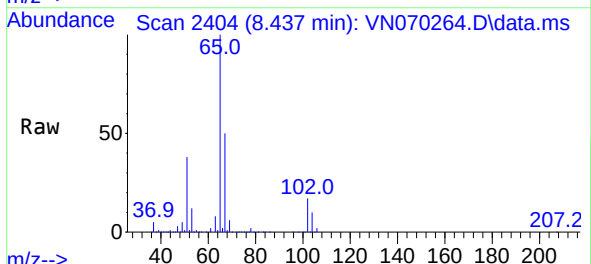
Tgt Ion:168 Resp: 893569
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9

Manual Integrations
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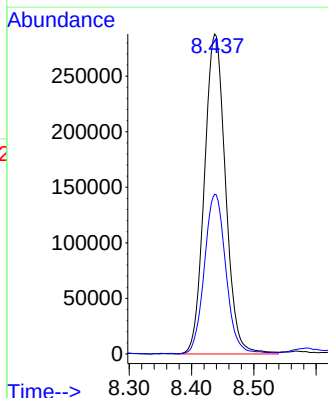
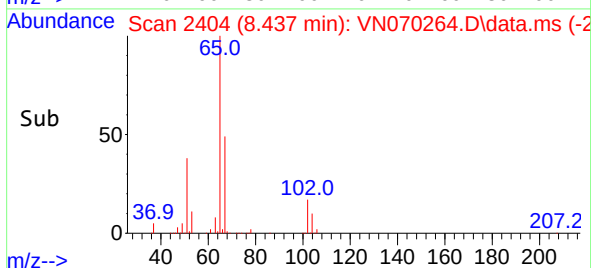
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

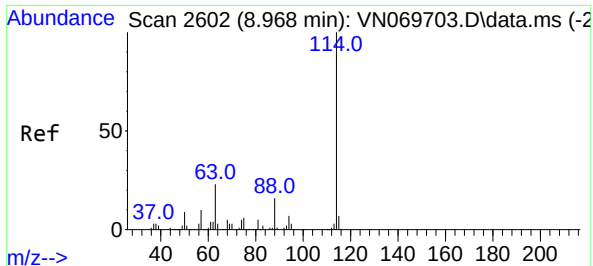


#33
1,2-Dichloroethane-d4
Concen: 49.167 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46



Tgt Ion: 65 Resp: 678343
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





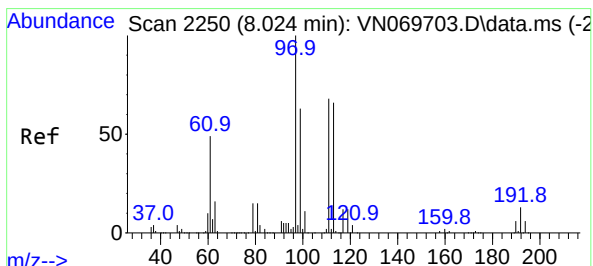
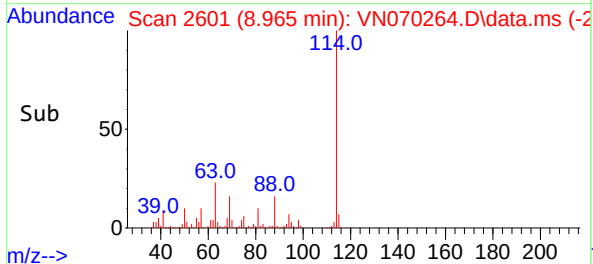
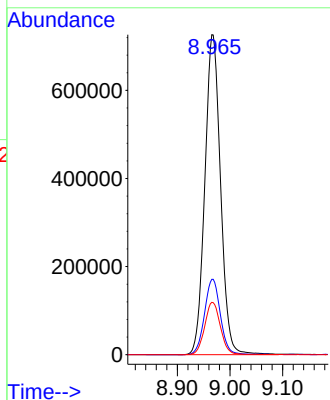
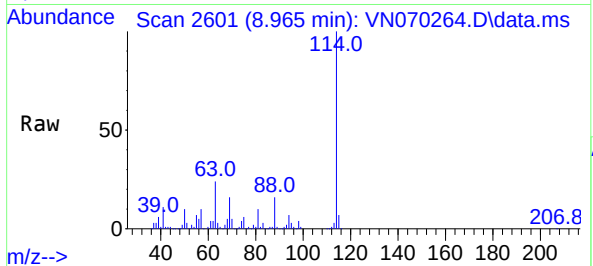
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 20653
Delta R.T. -0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 150653
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.4 0.0 27.4

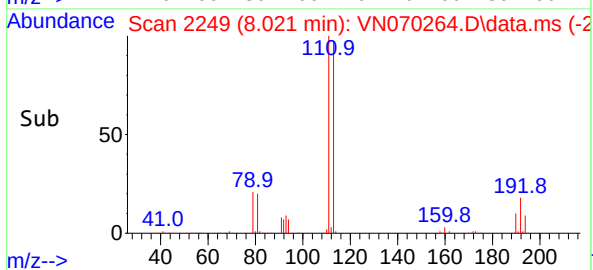
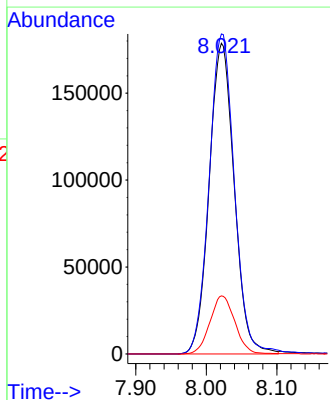
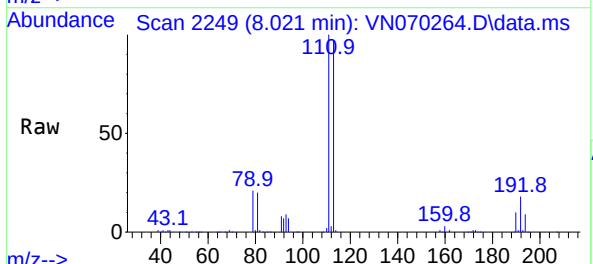
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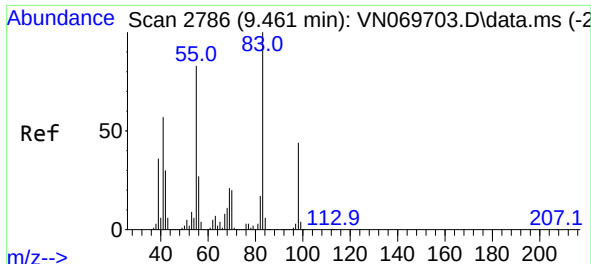
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion:113 Resp: 440462
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.6 16.9 25.3





#39

Methylcyclohexane

Concen: 24.771 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-11DL

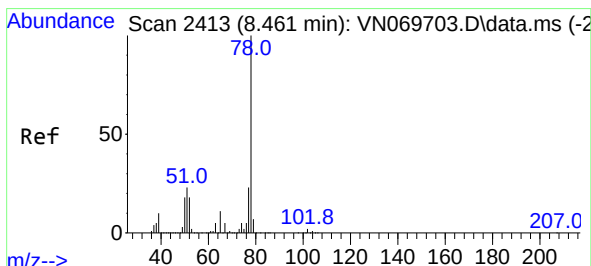
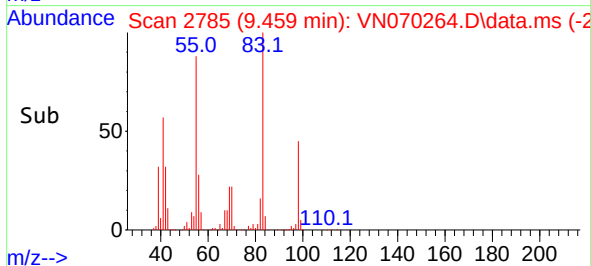
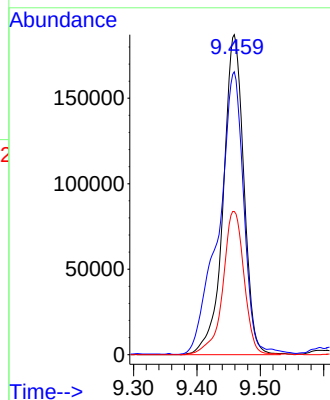
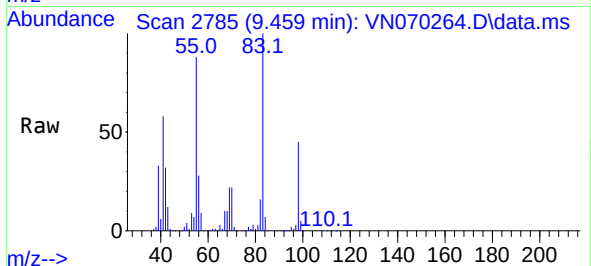
Tgt Ion: 83 Resp: 422572
 Ion Ratio Lower Upper
 83 100
 55 88.2 58.1 87.1
 98 44.8 38.4 57.6

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#40

Benzene

Concen: 0.816 ug/l

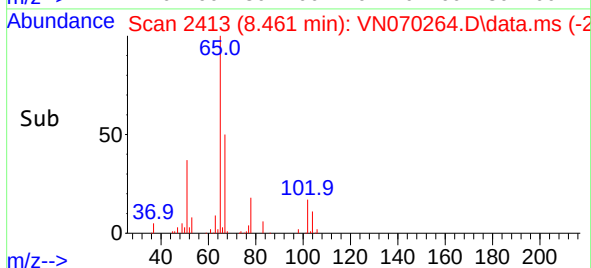
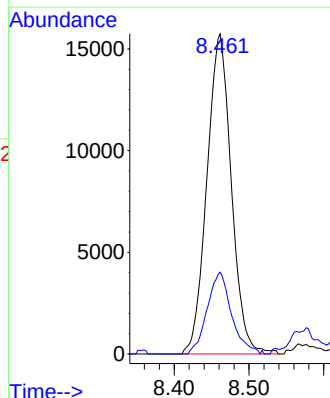
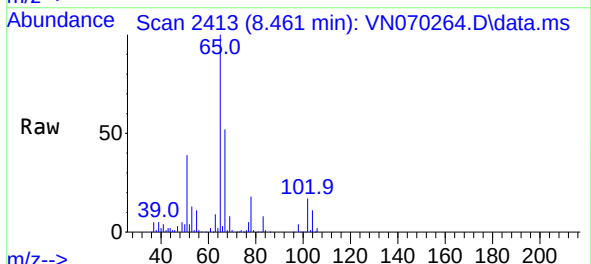
RT: 8.461 min Scan# 2413

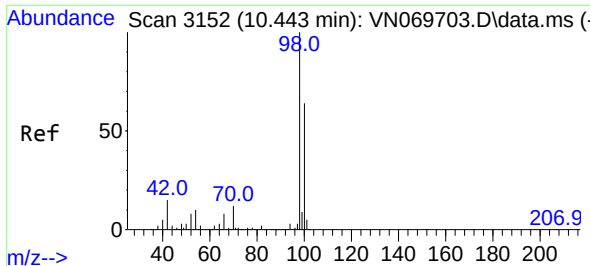
Delta R.T. 0.000 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

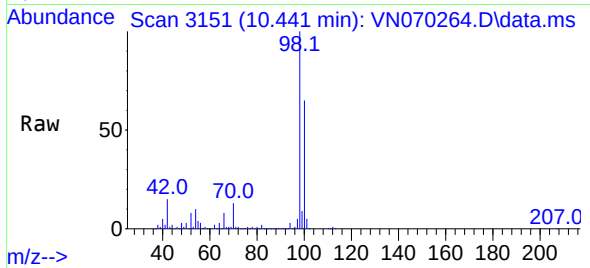
Tgt Ion: 78 Resp: 35755
 Ion Ratio Lower Upper
 78 100
 77 25.5 18.6 27.8





#50
Toluene-d8
Concen: 46.284 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

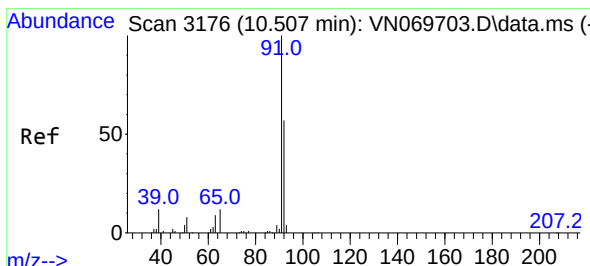
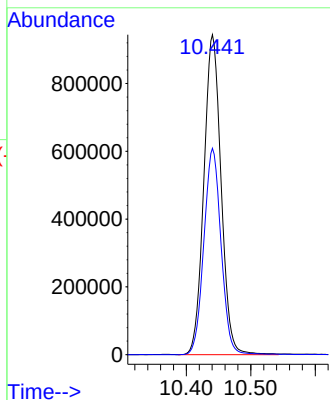
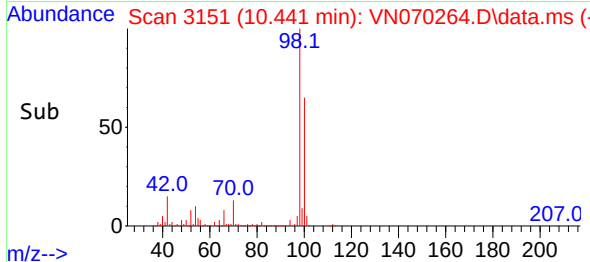
Instrument :
MSVOA_N
ClientSampleId :
MW-11DL



Tgt Ion: 98 Resp: 175373
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

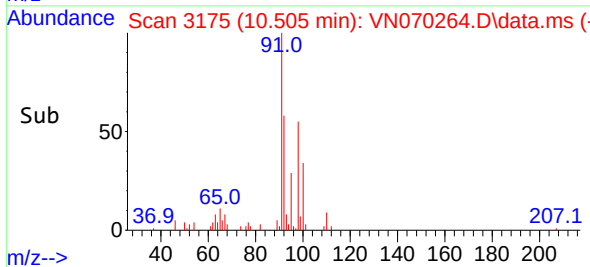
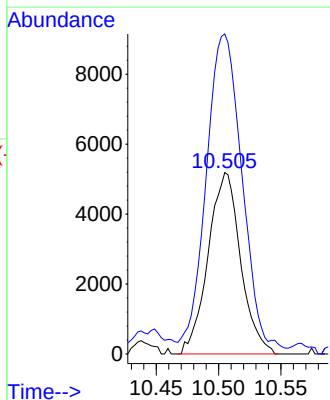
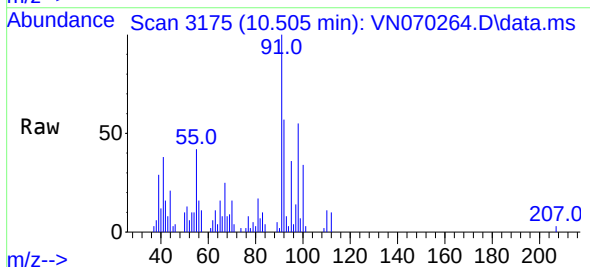
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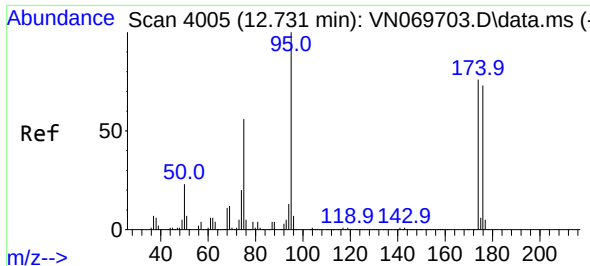
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#52
Toluene
Concen: 0.351 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 92 Resp: 9395
Ion Ratio Lower Upper
92 100
91 187.9 142.0 213.0





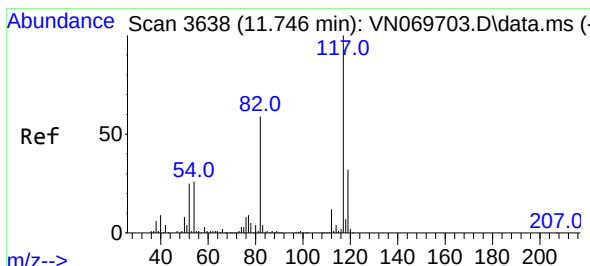
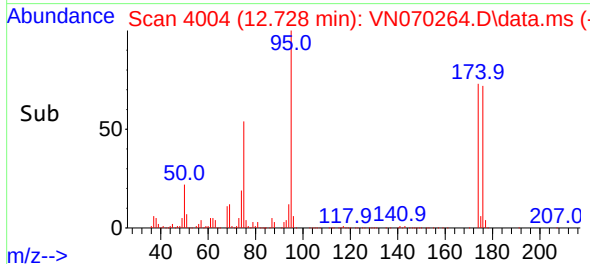
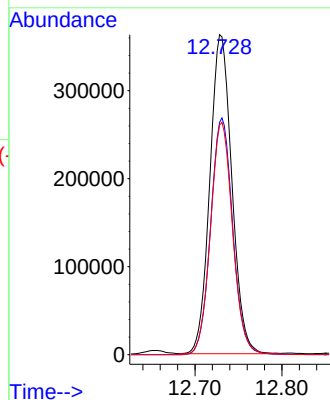
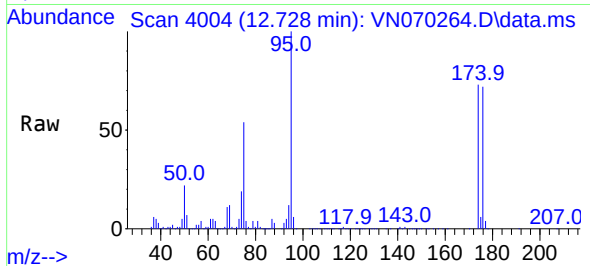
#62
4-Bromofluorobenzene
Concen: 46.385 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tgt Ion: 95 Resp: 636740
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 73.2 0.0 181.4

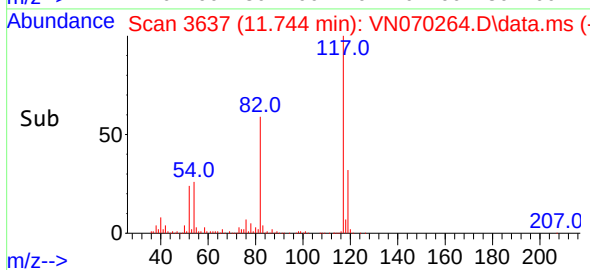
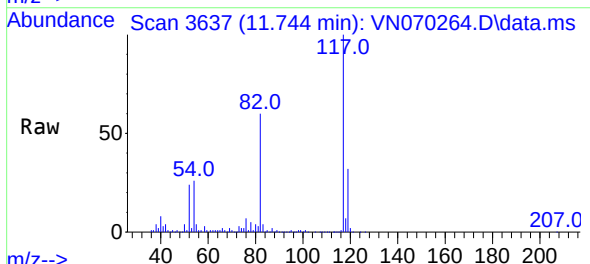
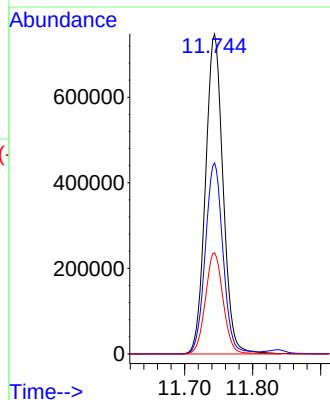
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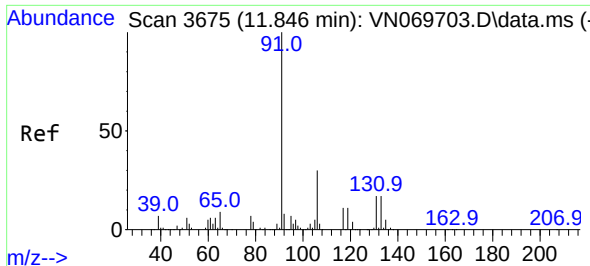
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion:117 Resp: 1343026
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.6 25.4 38.2





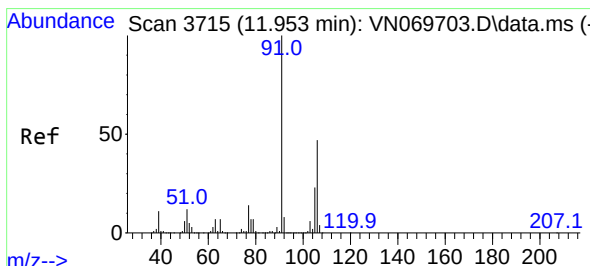
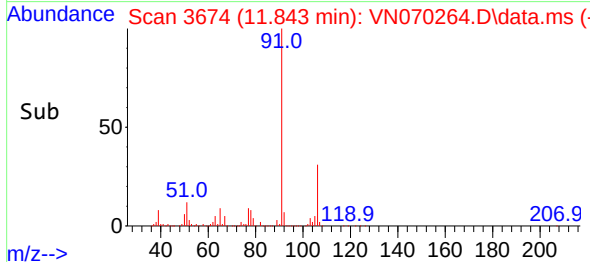
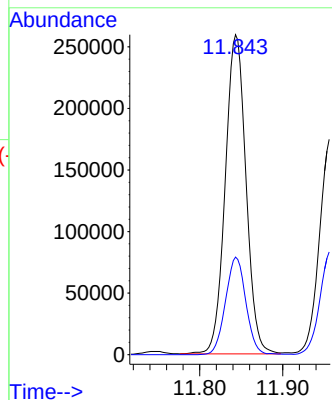
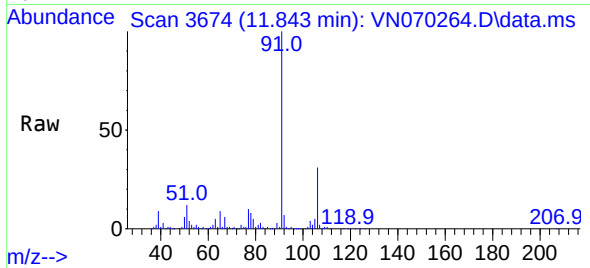
#67
Ethyl Benzene
Concen: 9.086 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tgt Ion: 91 Resp: 44966
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

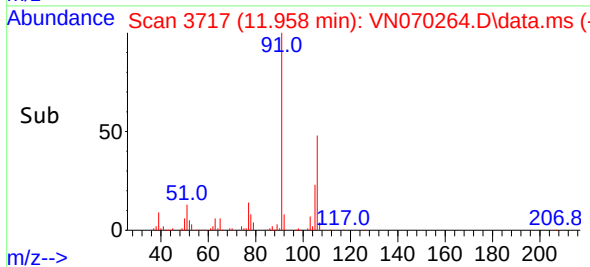
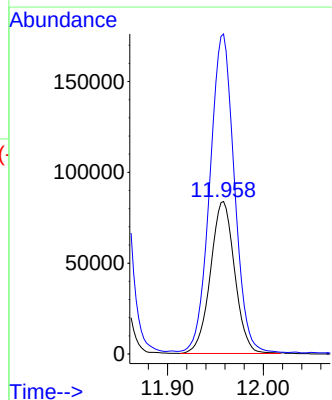
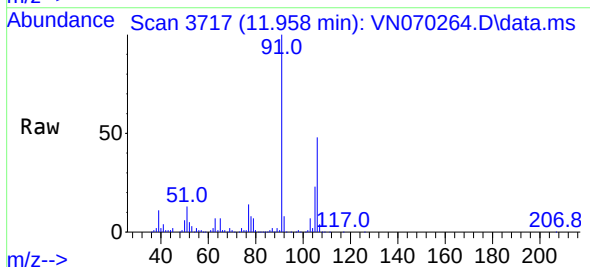
Manual Integrations
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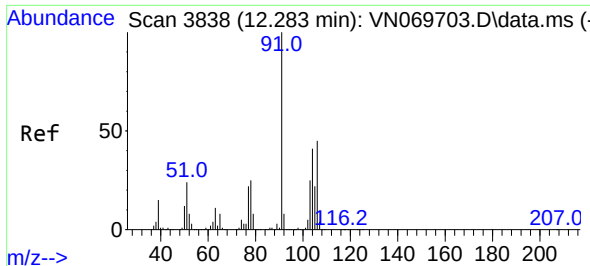
Reviewed By :John Carlone 12/22/2021
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#68
m/p-Xylenes
Concen: 8.147 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.006 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

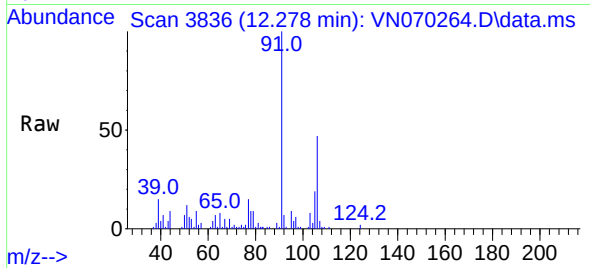
Tgt Ion:106 Resp: 146813
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8





#69
o-Xylene
Concen: 1.097 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

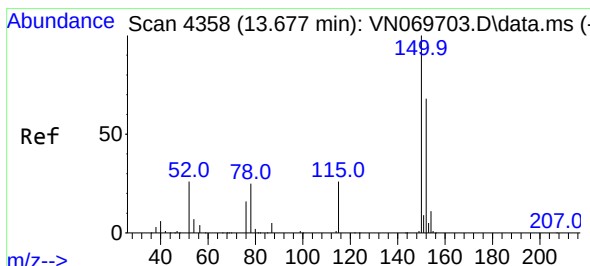
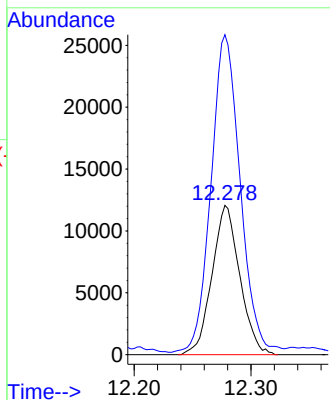
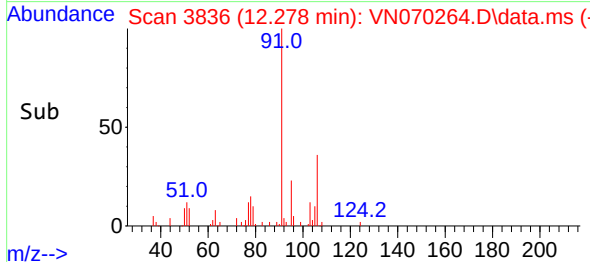
Instrument :
MSVOA_N
ClientSampleId :
MW-11DL



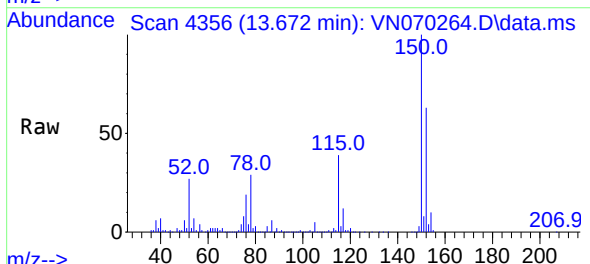
Tgt Ion:106 Resp: 1991
Ion Ratio Lower Upper
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Manual Integrations
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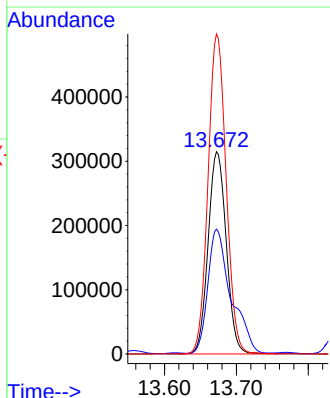
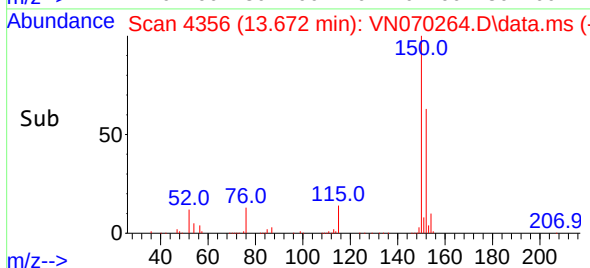
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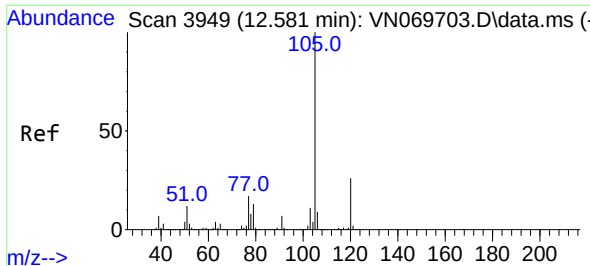


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46



Tgt Ion:152 Resp: 553237
Ion Ratio Lower Upper
152 100
115 78.5 27.5 82.5
150 157.6 0.0 344.4





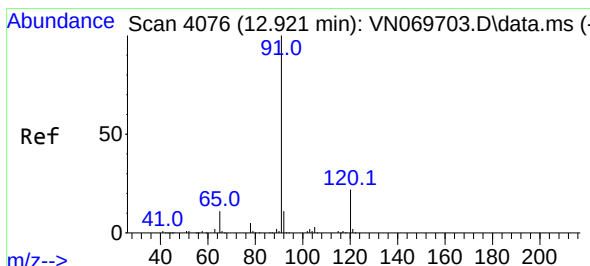
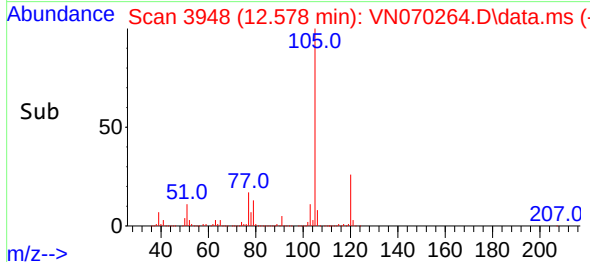
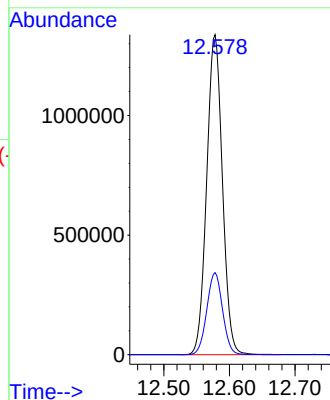
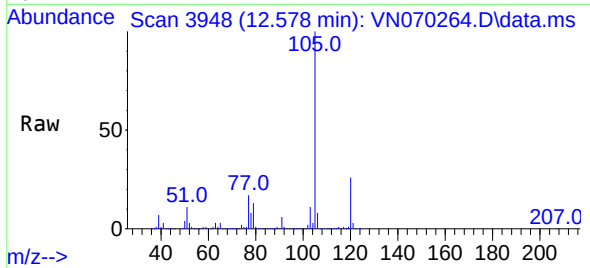
#73
Isopropylbenzene
Concen: 45.243 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tgt Ion:105 Resp: 2226954
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

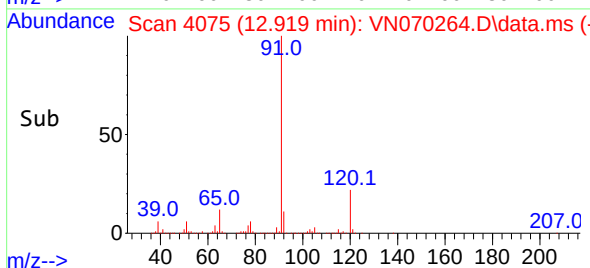
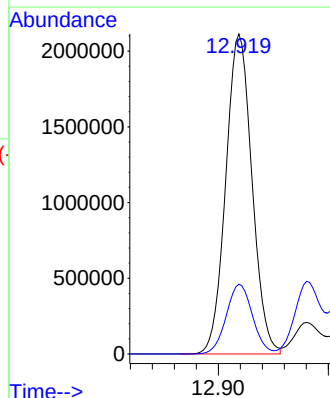
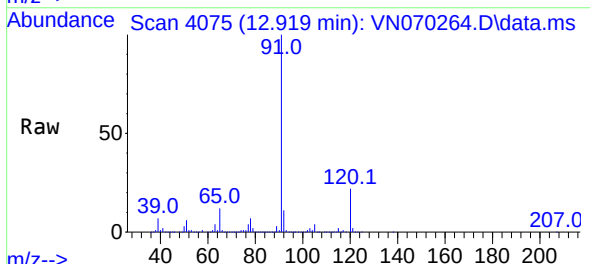
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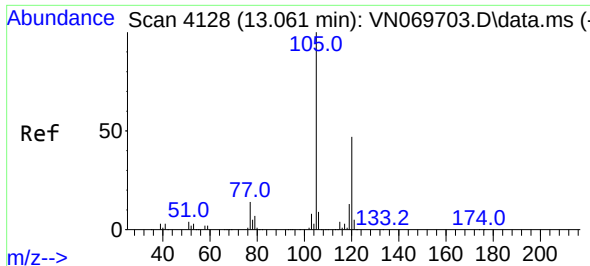
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#78
n-propylbenzene
Concen: 63.857 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 91 Resp: 3497687
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





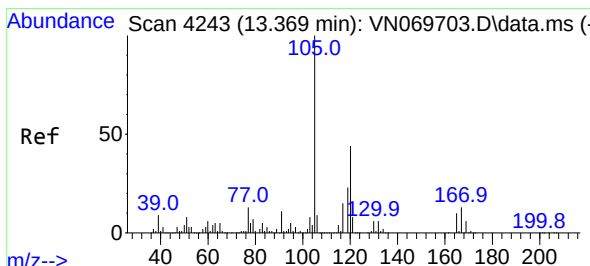
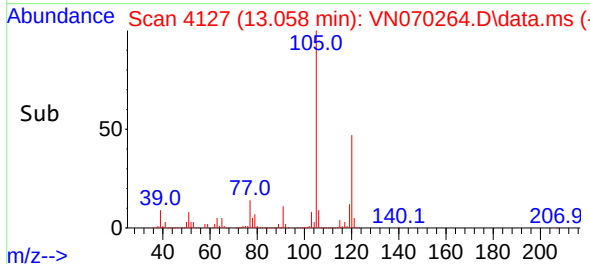
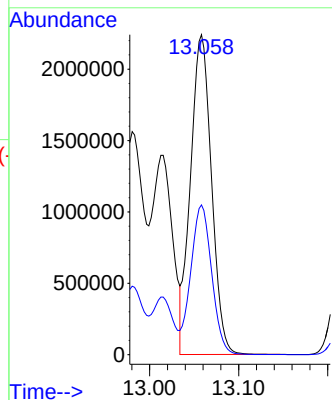
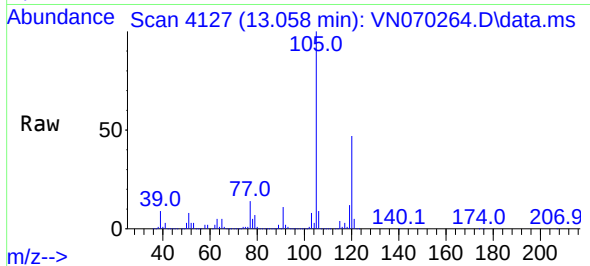
#80
1,3,5-Trimethylbenzene
Concen: 92.736 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tgt Ion:105 Resp: 3674058
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6

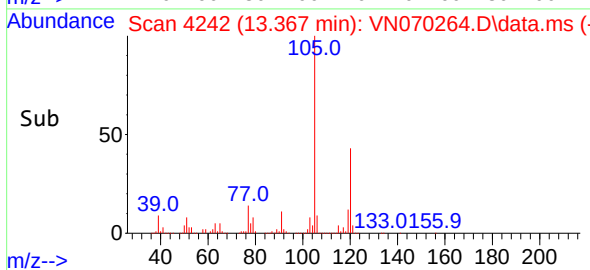
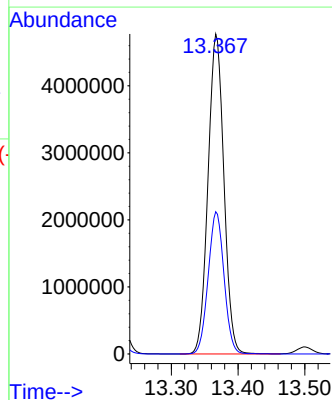
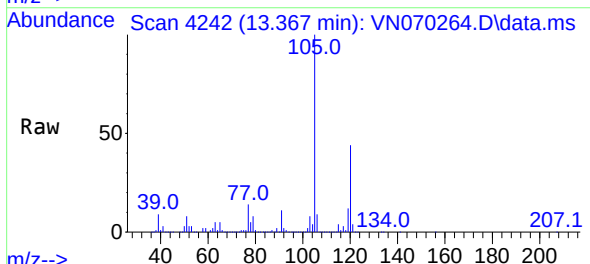
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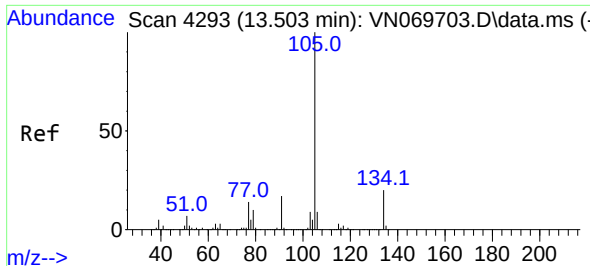
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 208.450 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

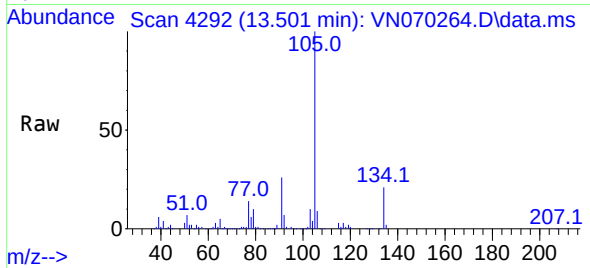
Tgt Ion:105 Resp: 7865000
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 3.649 ug/l m
 RT: 13.501 min Scan# 4293
 Delta R.T. -0.002 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

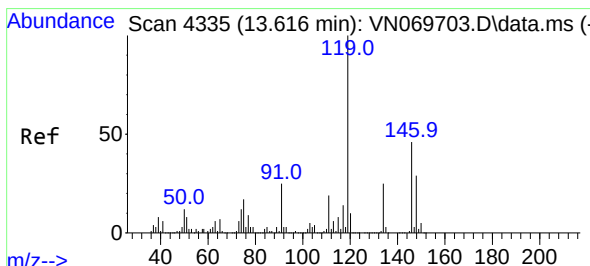
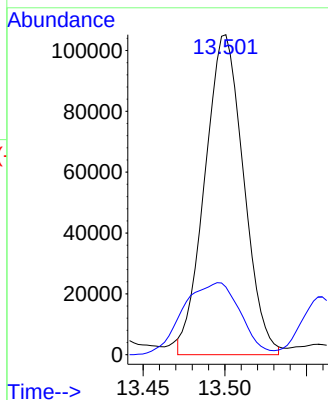
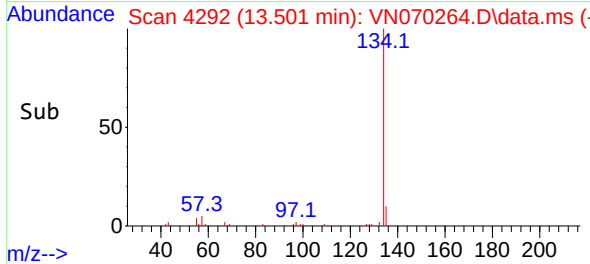
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL



Tgt Ion:105 Resp: 173629
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

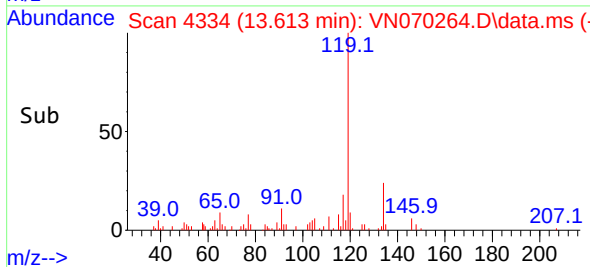
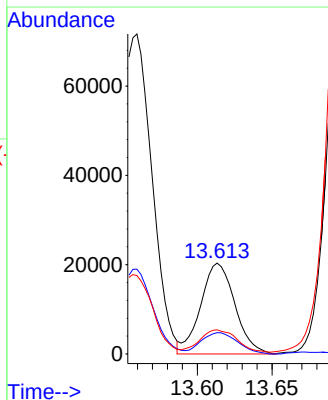
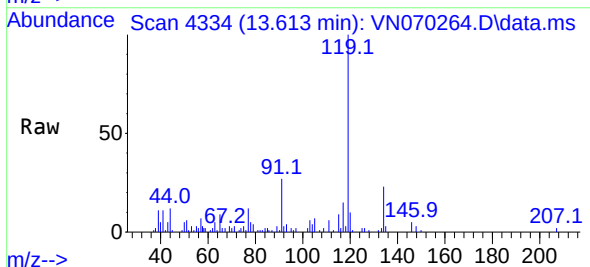
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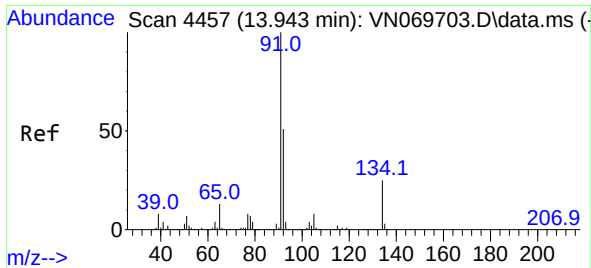
Reviewed By :John Carlone 12/22/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 0.871 ug/l m
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

Tgt Ion:119 Resp: 32391
 Ion Ratio Lower Upper
 119 100
 134 96.4 13.6 40.7#
 91 82.9 11.4 34.1#





#89

n-Butylbenzene

Concen: 5.105 ug/l

RT: 13.940 min Scan# 44

Delta R.T. -0.002 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-11DL

Tgt Ion: 91 Resp: 154030

Ion Ratio Lower Upper

91 100

92 57.6 25.4 76.0

134 0.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021

