

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069642.D
 Acq On : 24 Nov 2021 15:07
 Operator : JC/MD
 Sample : M4815-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 06:59:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1487451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2572789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2615079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1252696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1078173	49.991	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	8.024	113	760705	49.299	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.600%		
50) Toluene-d8	10.440	98	3239511	53.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.760%		
62) 4-Bromofluorobenzene	12.731	95	1319025	59.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.320%		
Target Compounds					Qvalue	
16) Acetone	4.299	43	21149	1.817	ug/l	100
39) Methylcyclohexane	9.461	83	164794	6.119	ug/l	91
40) Benzene	8.464	78	73073	1.094	ug/l	97
67) Ethyl Benzene	11.846	91	296974	3.308	ug/l	98
68) m/p-Xylenes	11.953	106	224653	6.804	ug/l	93
69) o-Xylene	12.277	106	60692	1.844	ug/l	92
73) Isopropylbenzene	12.578	105	290303	2.911	ug/l	99
78) n-propylbenzene	12.918	91	500876	4.463	ug/l	97
80) 1,3,5-Trimethylbenzene	13.058	105	470782	5.839	ug/l	97
83) tert-Butylbenzene	13.323	119	44950	0.636	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	1881232	24.167	ug/l	98
85) sec-Butylbenzene	13.500	105	148920	1.509	ug/l #	73
86) p-Isopropyltoluene	13.616	119	124098	1.584	ug/l	98
89) n-Butylbenzene	13.940	91	144364m	2.209	ug/l	
95) Naphthalene	15.504	128	4105370	71.704	ug/l	99

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

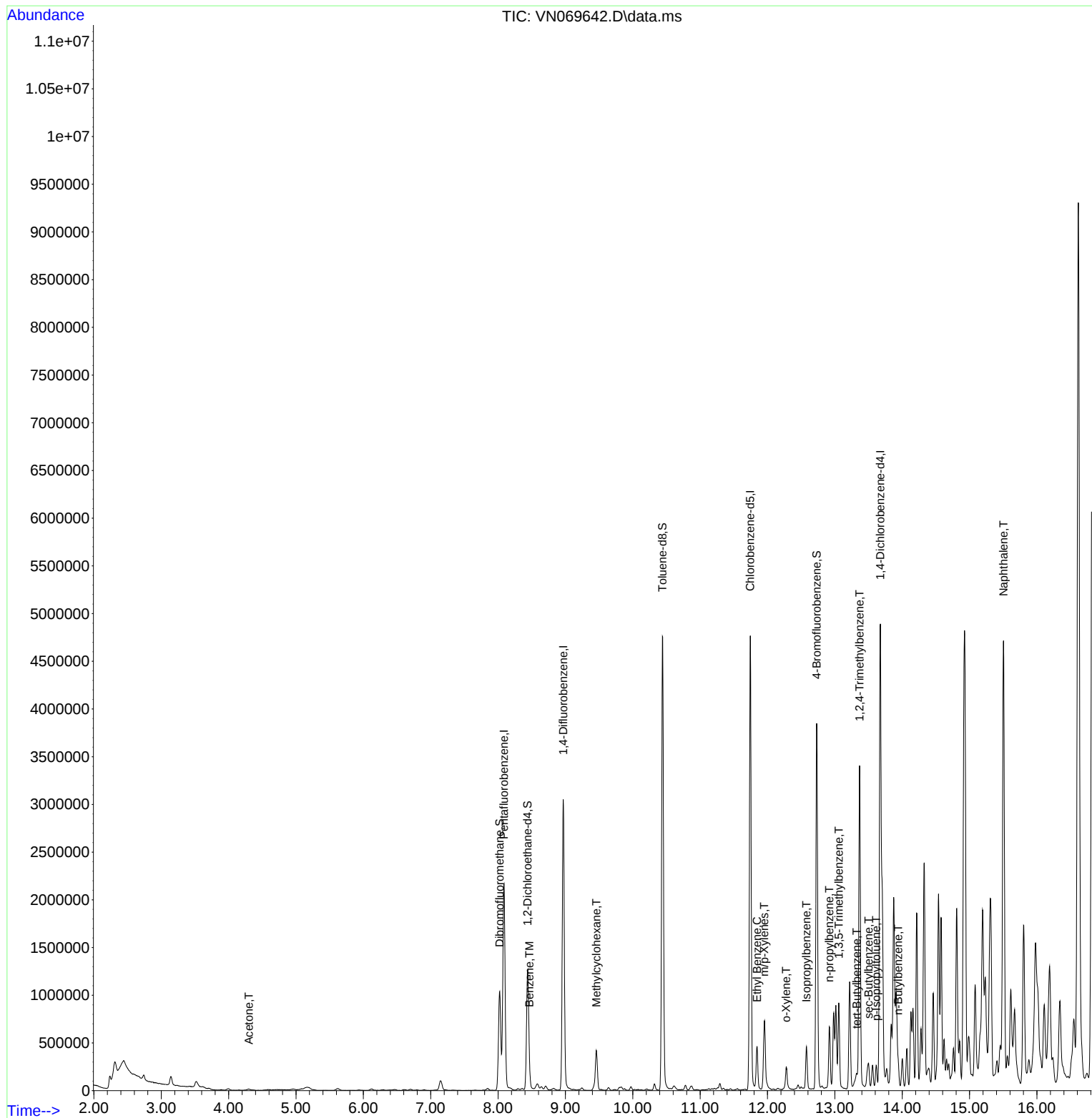
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069642.D
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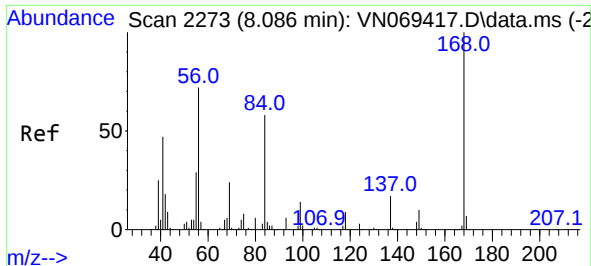
Instrument :
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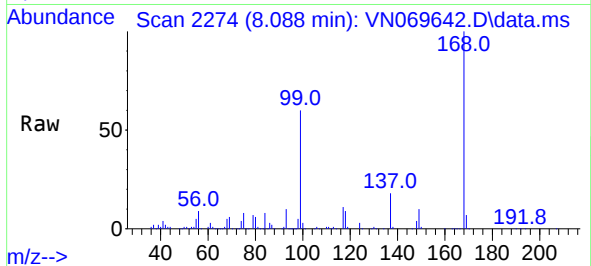
Quant Time: Nov 26 06:59:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

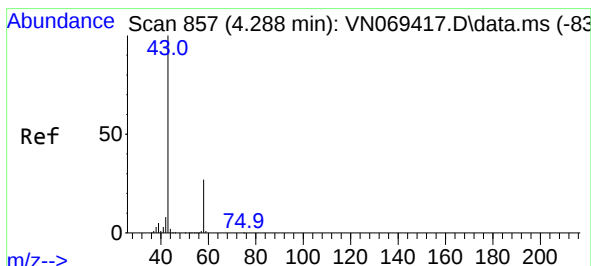
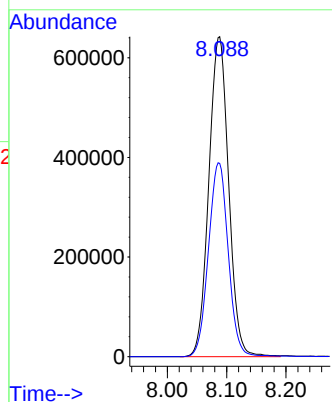
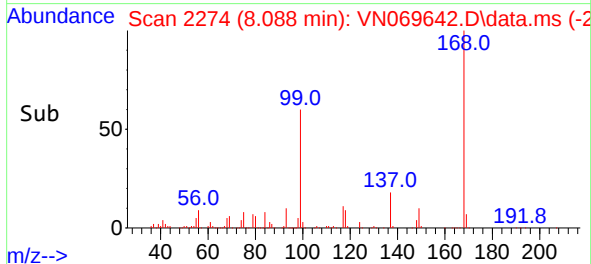
Instrument :
MSVOA_N
ClientSampleId :
MW-8



Tgt Ion:168 Resp: 148745
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

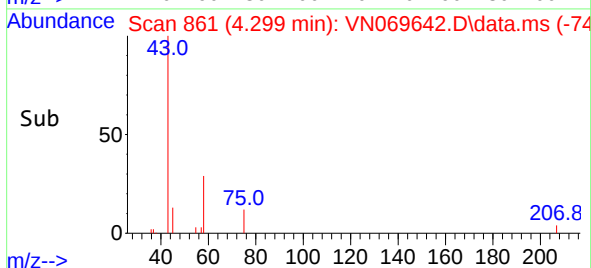
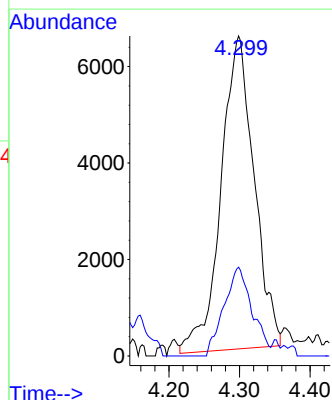
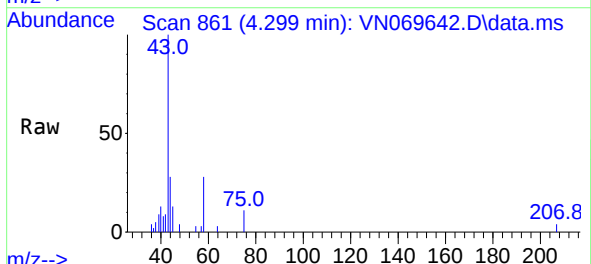
Manual Integrations
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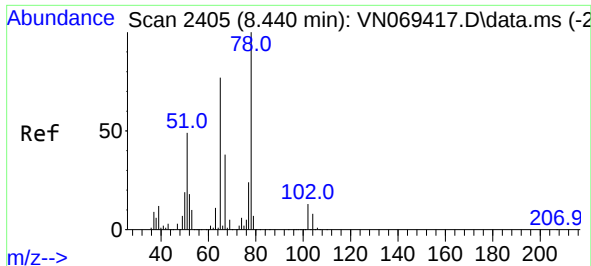
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Acetone
Concen: 1.817 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Tgt Ion: 43 Resp: 21149
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 49.991 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069642.D

Acq: 24 Nov 2021 15:07

Instrument :

MSVOA_N

ClientSampleId :

MW-8

Tgt Ion: 65 Resp: 107817

Ion Ratio Lower Upper

65 100

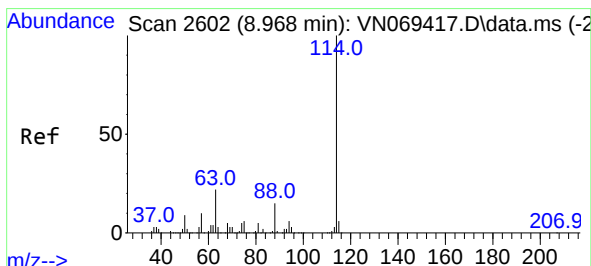
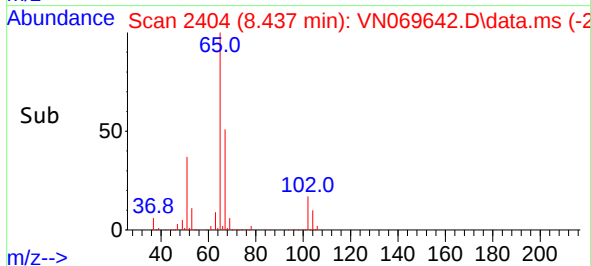
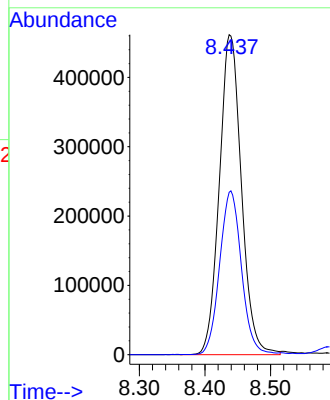
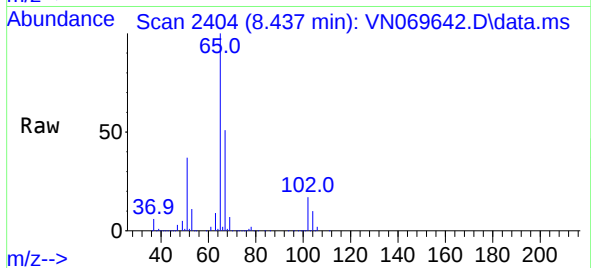
67 50.5 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069642.D

Acq: 24 Nov 2021 15:07

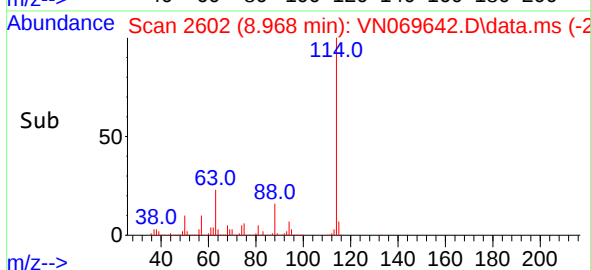
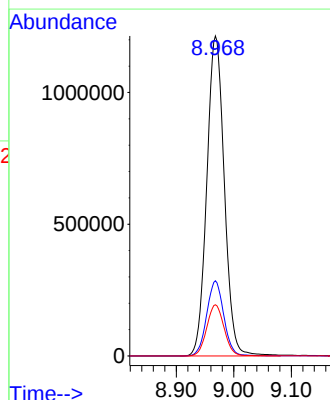
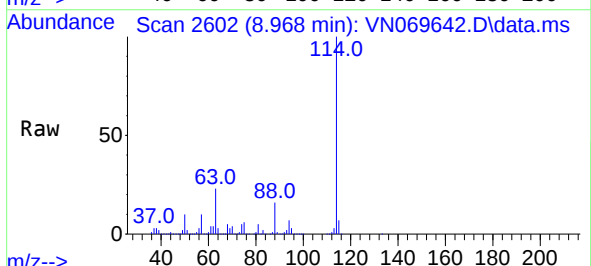
Tgt Ion:114 Resp: 2572789

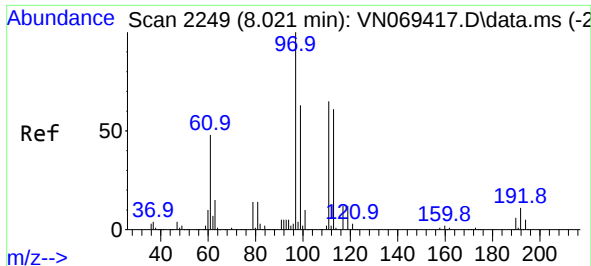
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

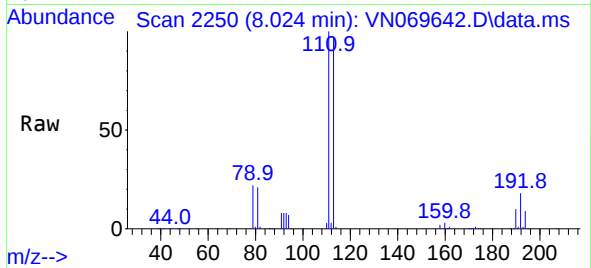
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.299 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

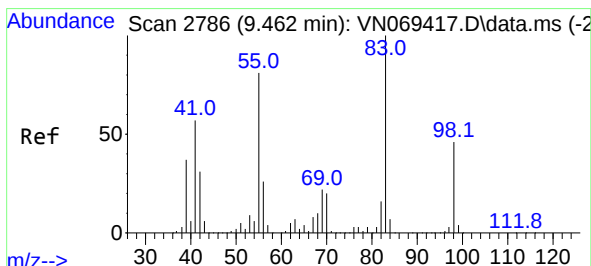
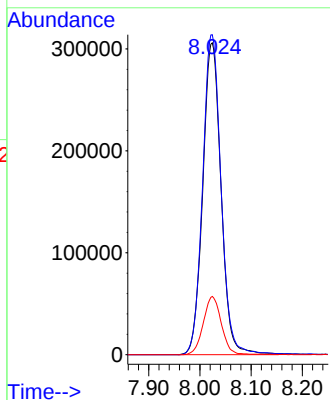
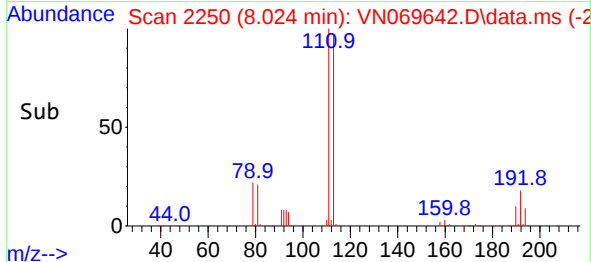
Instrument :
MSVOA_N
ClientSampleId :
MW-8



Tgt Ion: 113 Resp: 76070
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.3 16.9 25.3

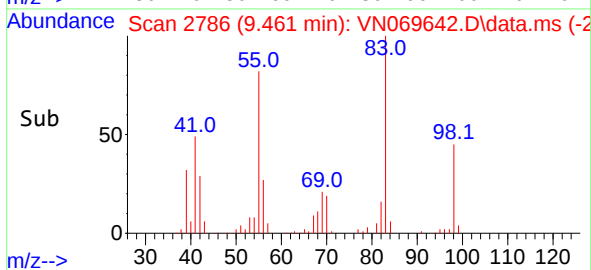
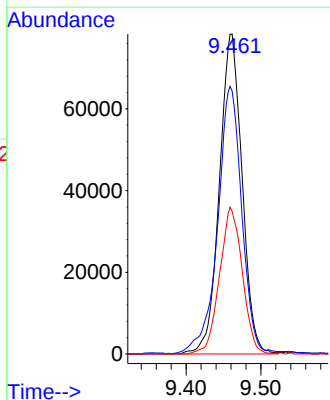
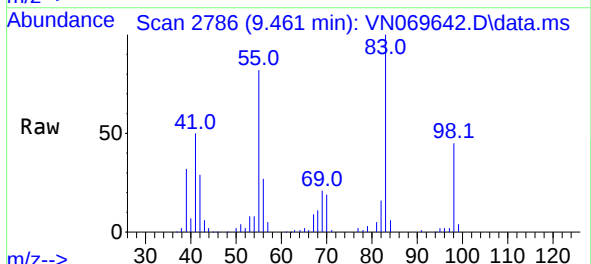
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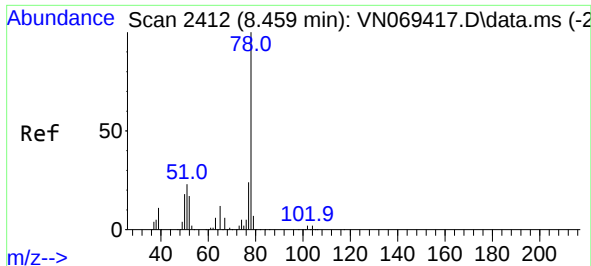
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#39
Methylcyclohexane
Concen: 6.119 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.001 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Tgt Ion: 83 Resp: 164794
Ion Ratio Lower Upper
83 100
55 81.8 58.1 87.1
98 44.6 38.4 57.6





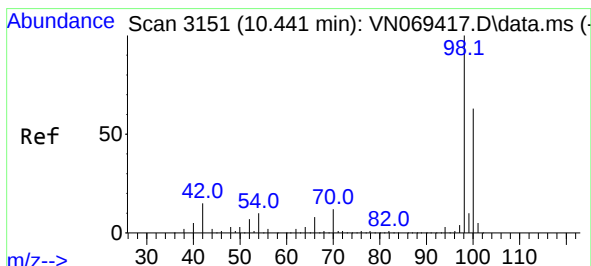
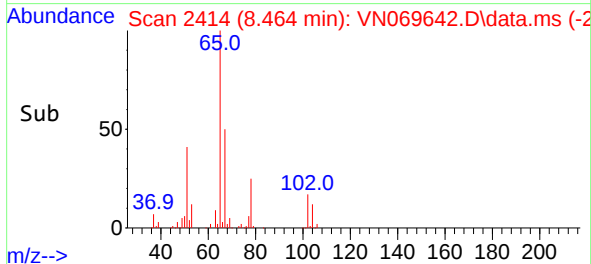
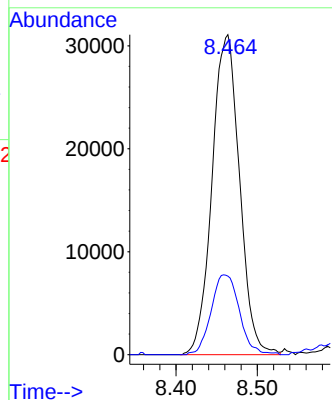
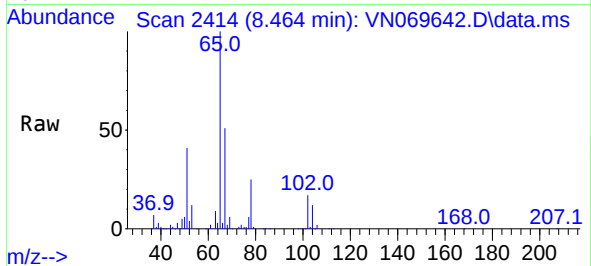
#40
Benzene
Concen: 1.094 ug/l
RT: 8.464 min Scan# 2412
Delta R.T. 0.005 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 78 Resp: 7307
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8

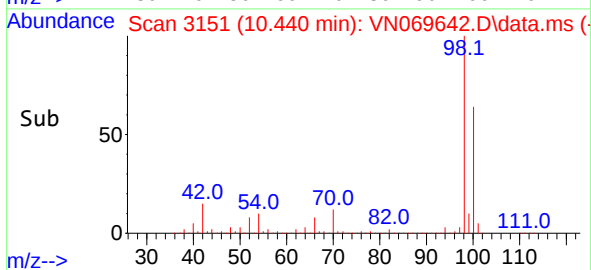
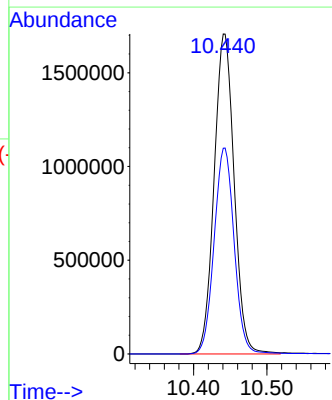
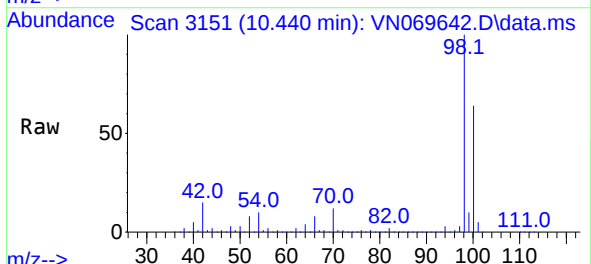
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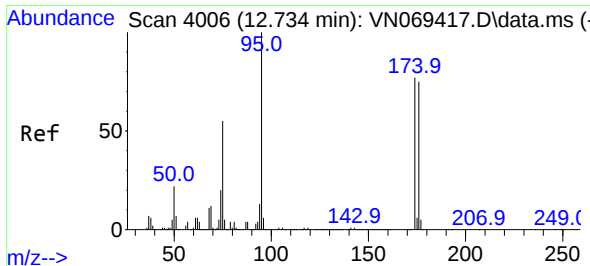
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

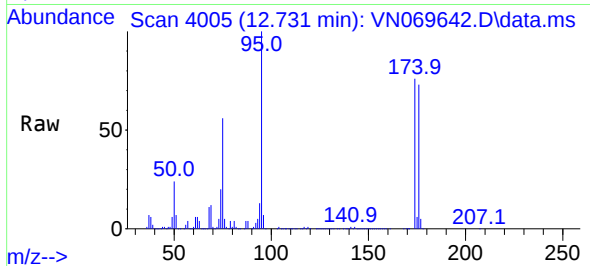
Tgt Ion: 98 Resp: 3239511
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 59.164 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

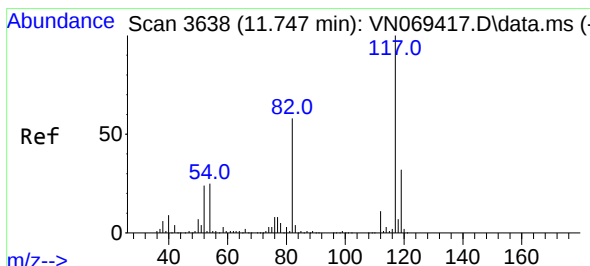
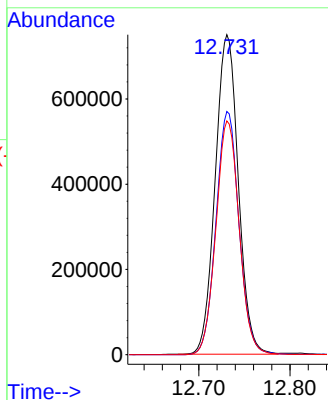
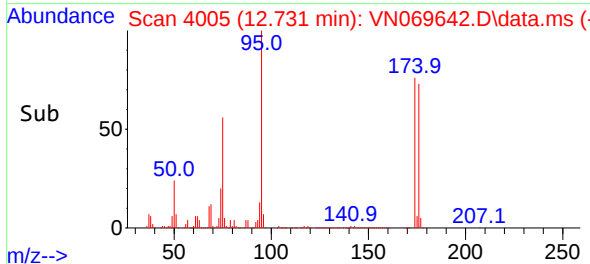
Instrument :
MSVOA_N
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MW-8



Tgt Ion: 95 Resp: 1319025
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.7 0.0 181.4

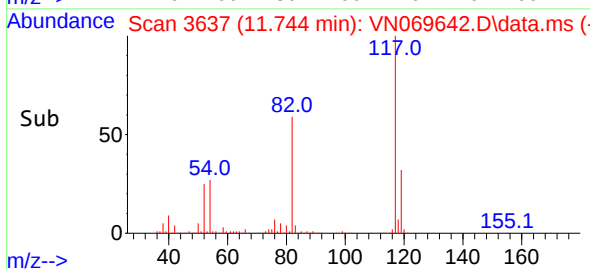
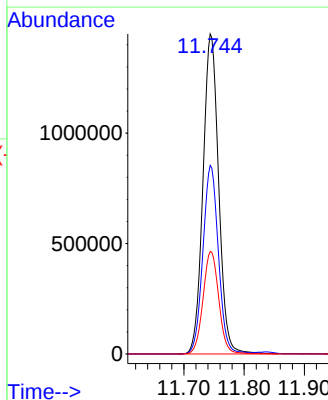
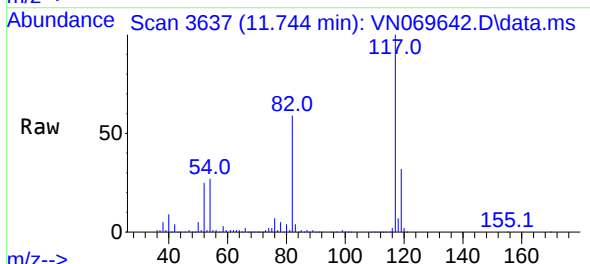
Manual Integrations
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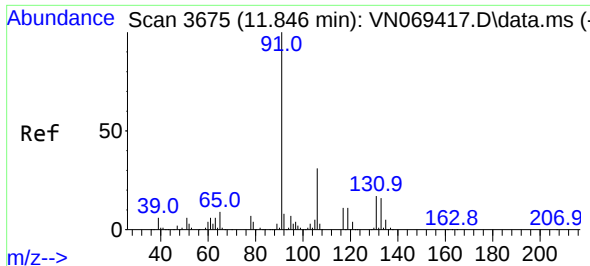
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

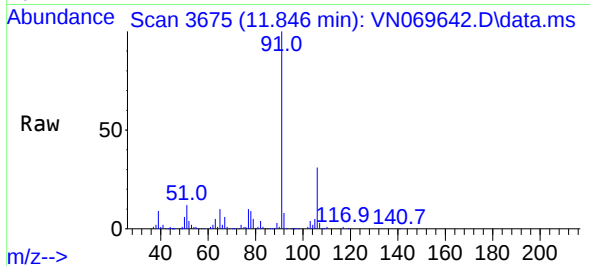
Tgt Ion:117 Resp: 2615079
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.0 25.4 38.2





#67
Ethyl Benzene
Concen: 3.308 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

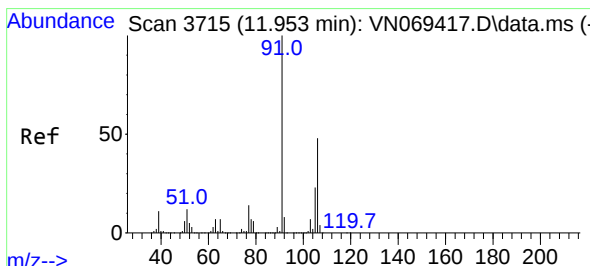
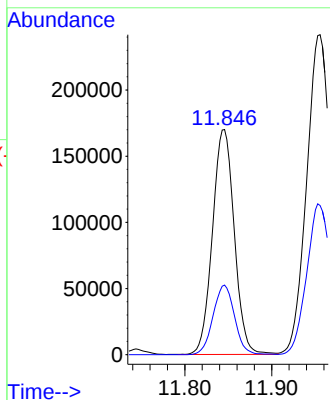
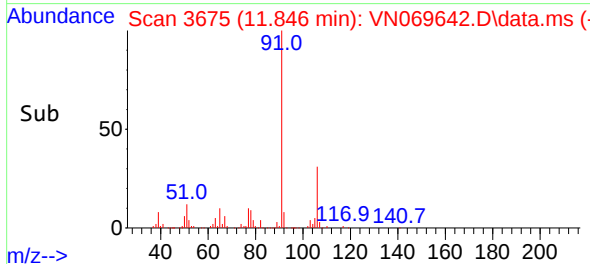
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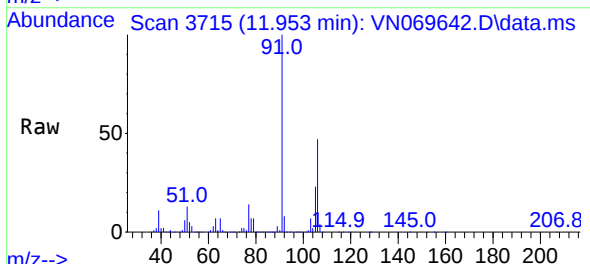
Tgt Ion: 91 Resp: 296974
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

Manual Integrations
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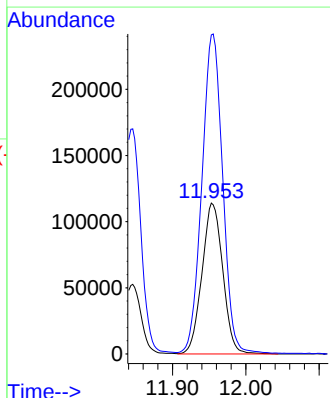
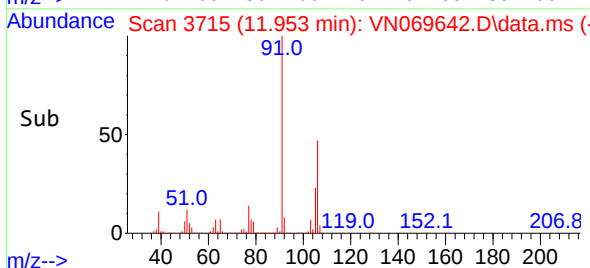
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

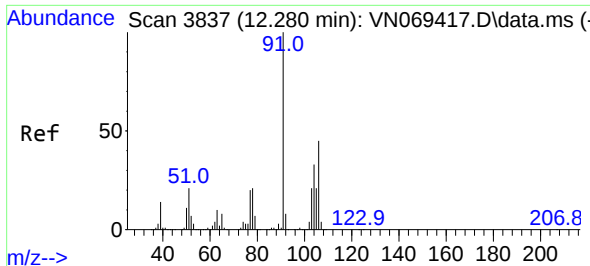


#68
m/p-Xylenes
Concen: 6.804 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07



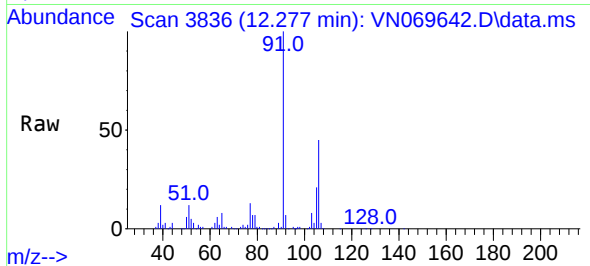
Tgt Ion:106 Resp: 224653
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8





#69
o-Xylene
Concen: 1.844 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

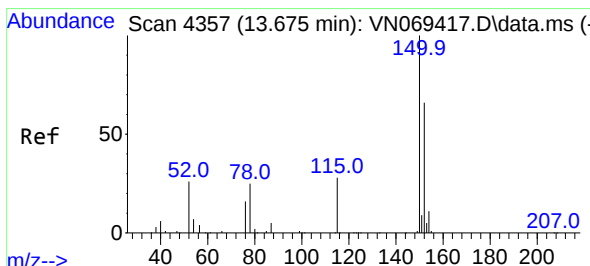
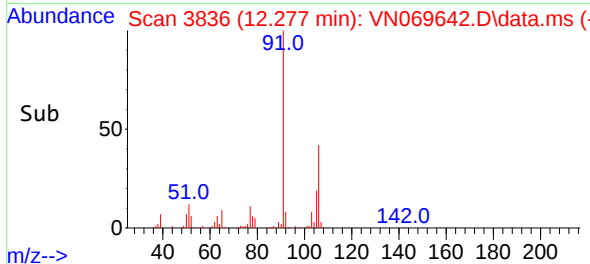
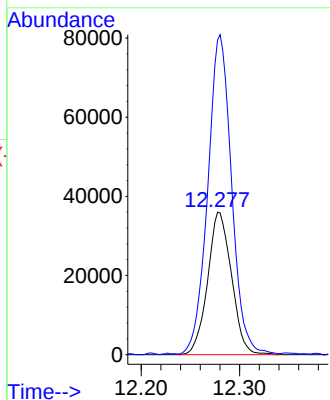
Instrument :
MSVOA_N
ClientSampleId :
MW-8



Tgt Ion:106 Resp: 60692
Ion Ratio Lower Upper
106 100
91 223.3 105.8 317.3

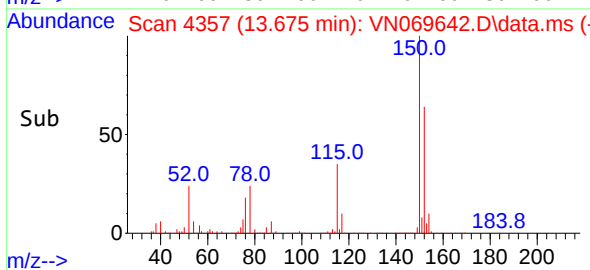
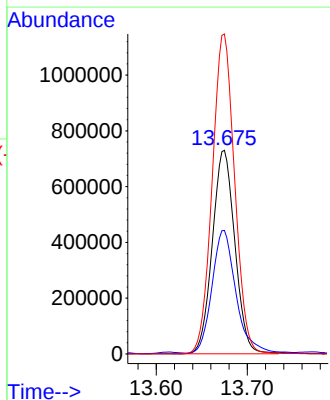
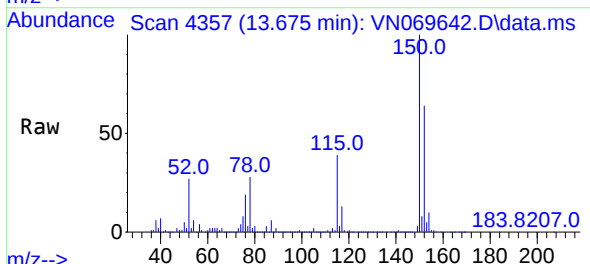
Manual Integrations
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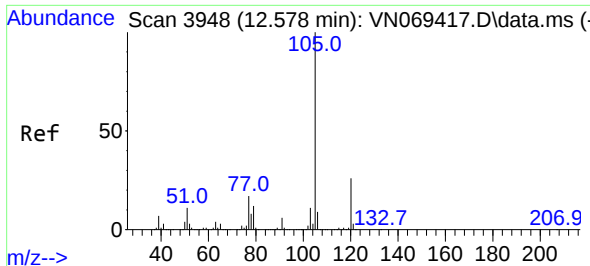
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

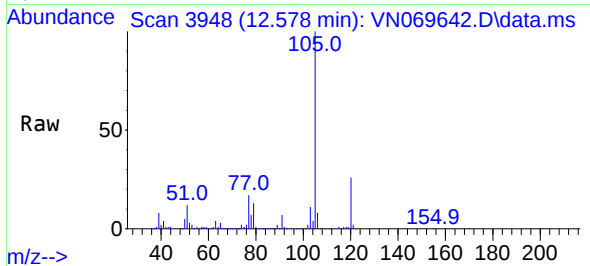
Tgt Ion:152 Resp: 1252696
Ion Ratio Lower Upper
152 100
115 64.0 27.5 82.5
150 156.3 0.0 344.4





#73
Isopropylbenzene
Concen: 2.911 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

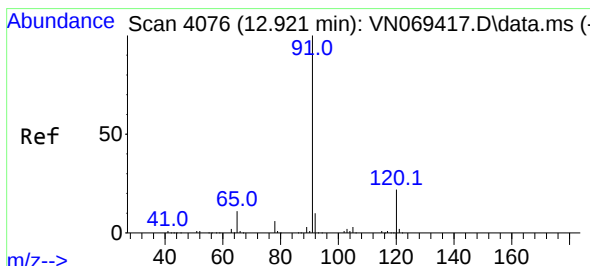
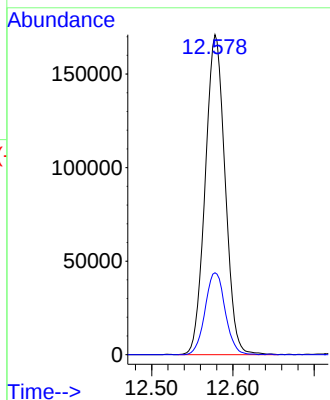
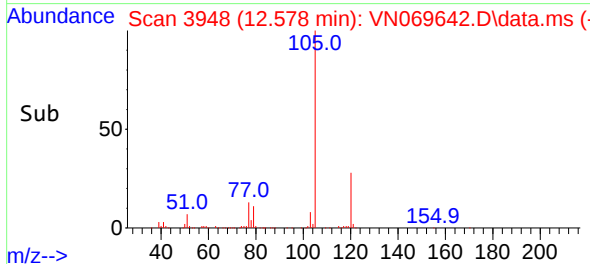
Instrument :
MSVOA_N
ClientSampleId :
MW-8



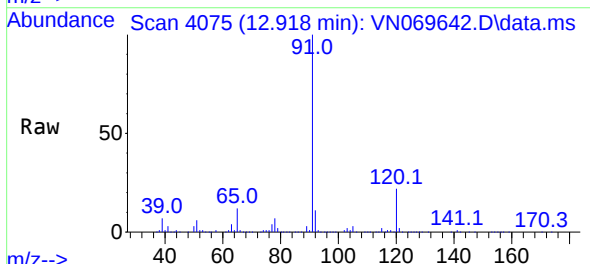
Tgt Ion:105 Resp: 290300
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

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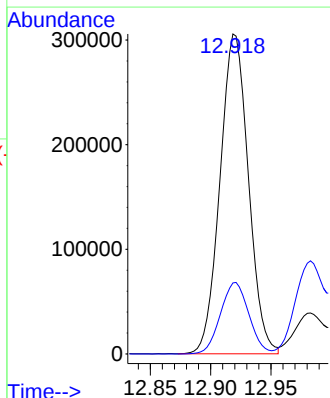
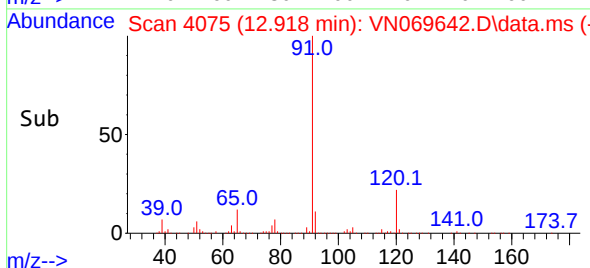
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

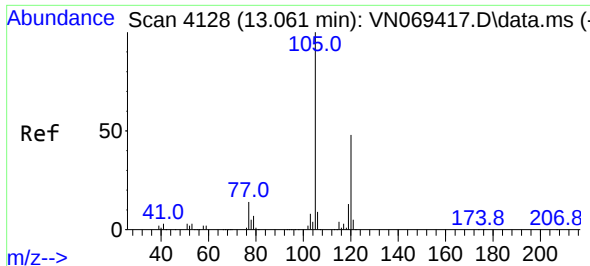


#78
n-propylbenzene
Concen: 4.463 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07



Tgt Ion: 91 Resp: 500876
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





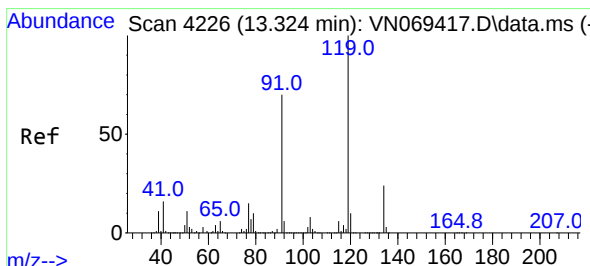
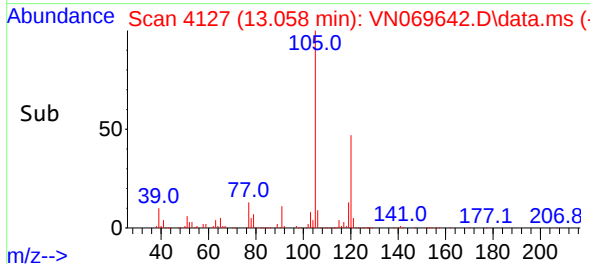
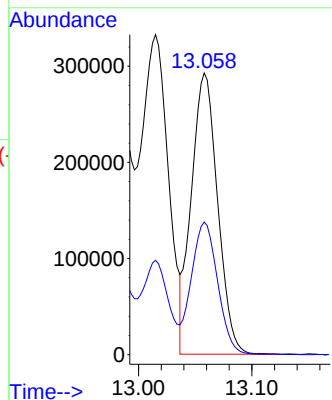
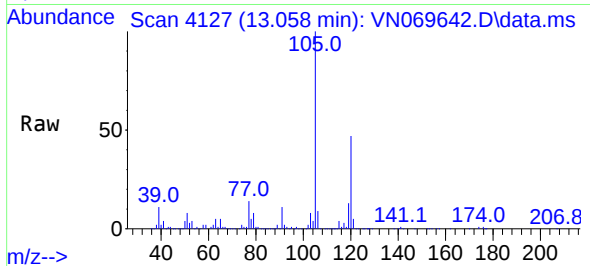
#80
1,3,5-Trimethylbenzene
Concen: 5.839 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:105 Resp: 470782
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6

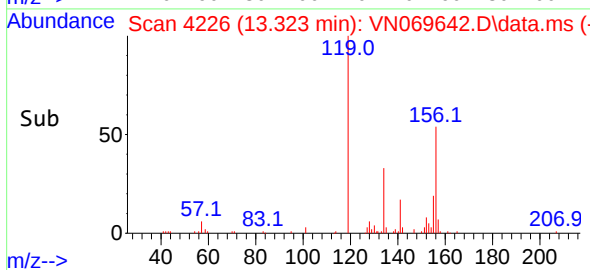
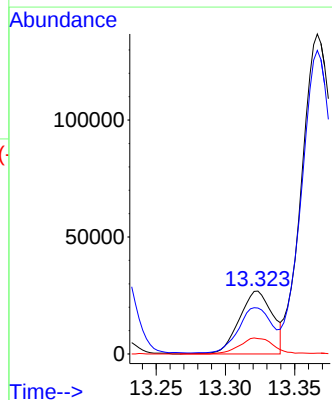
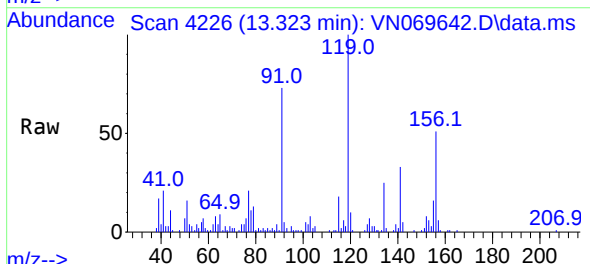
Manual Integrations
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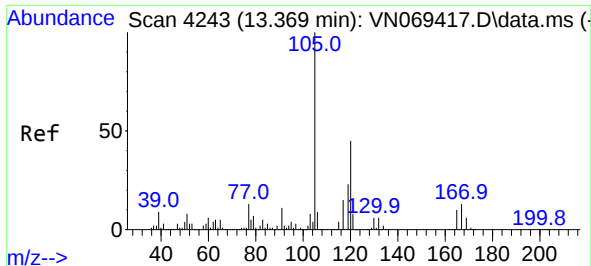
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#83
tert-Butylbenzene
Concen: 0.636 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Tgt Ion:119 Resp: 44950
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 25.8 12.4 37.4





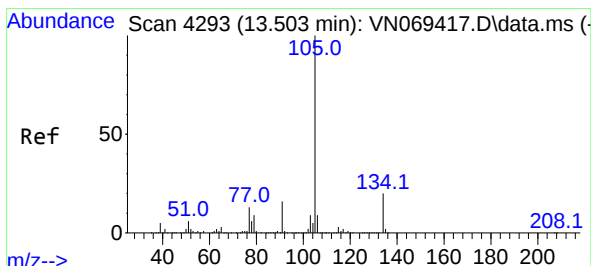
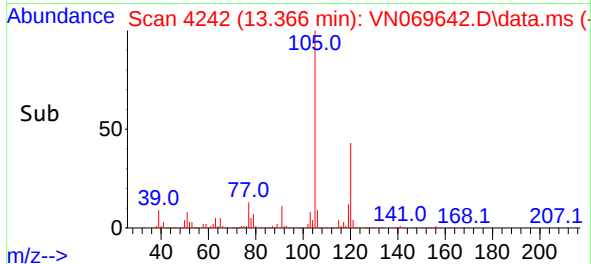
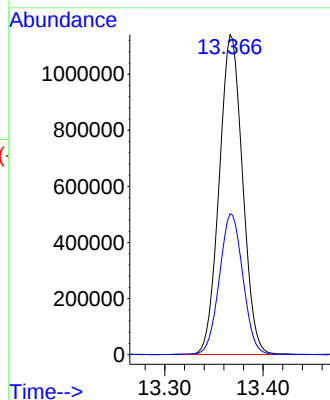
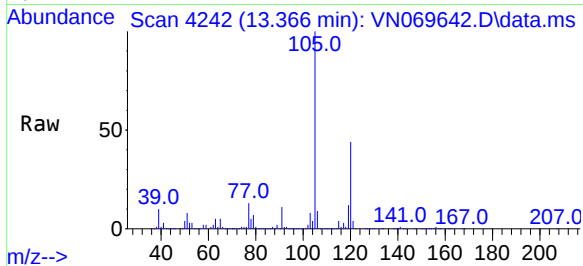
#84
1,2,4-Trimethylbenzene
Concen: 24.167 ug/l
RT: 13.366 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:105 Resp: 188123
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4

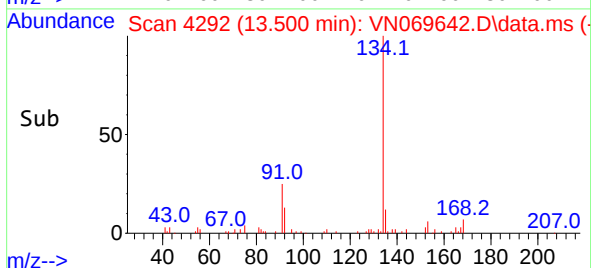
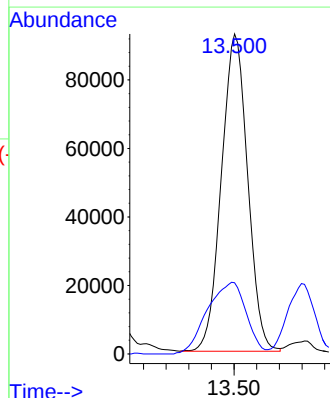
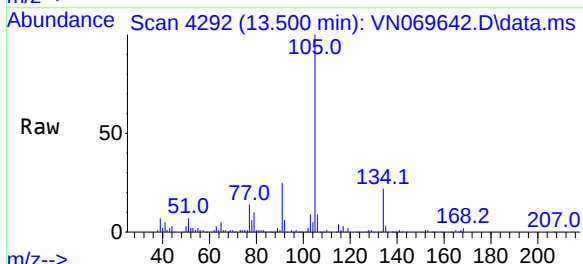
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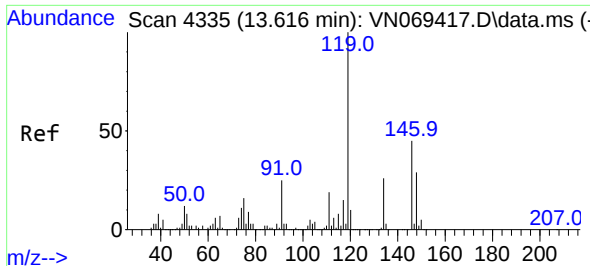
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#85
sec-Butylbenzene
Concen: 1.509 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

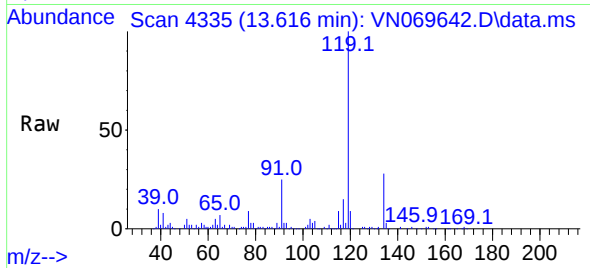
Tgt Ion:105 Resp: 148920
Ion Ratio Lower Upper
105 100
134 33.5 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 1.584 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

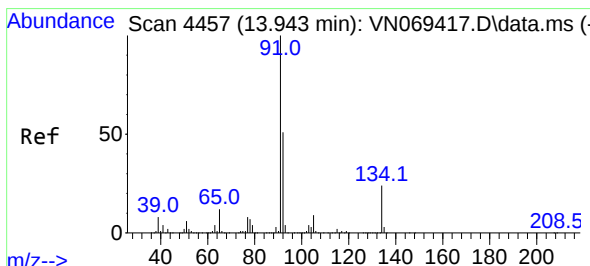
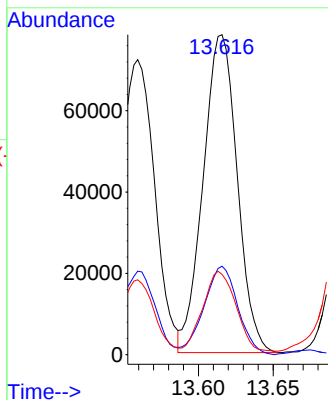
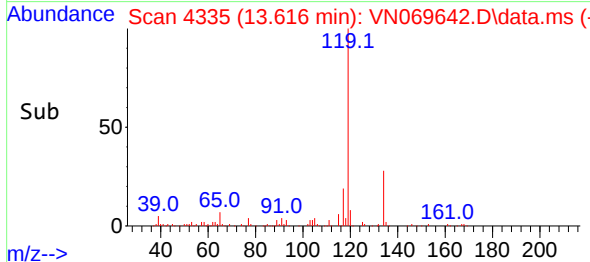
Instrument :
MSVOA_N
ClientSampleId :
MW-8



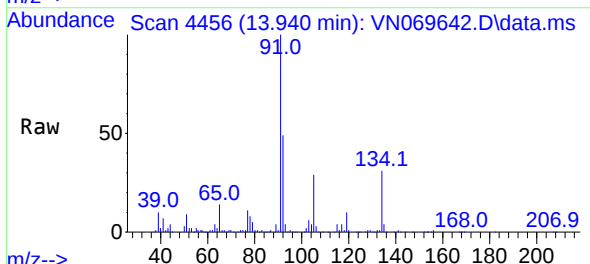
Tgt Ion: 119 Resp: 124098
Ion Ratio Lower Upper
119 100
134 27.8 13.6 40.7
91 24.1 11.4 34.1

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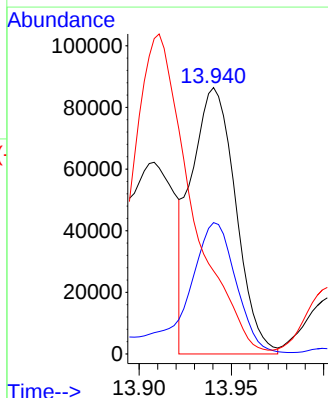
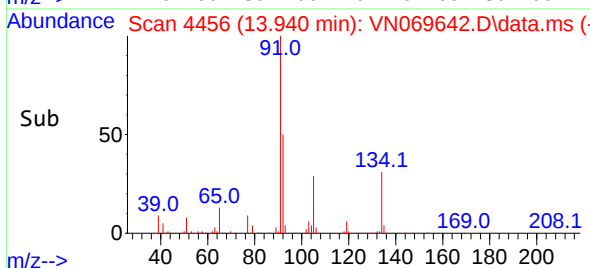
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

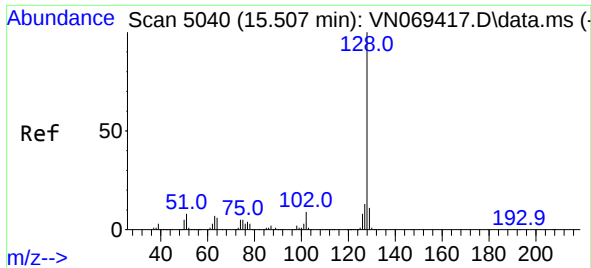


#89
n-Butylbenzene
Concen: 2.209 ug/l m
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07



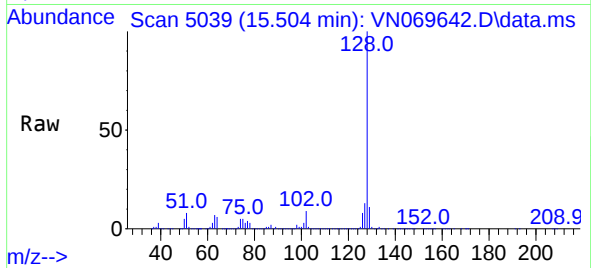
Tgt Ion: 91 Resp: 144364
Ion Ratio Lower Upper
91 100
92 25.4 25.4 76.0
134 18.9 13.6 40.8





#95
Naphthalene
Concen: 71.704 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN069642.D
Acq: 24 Nov 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
MW-8



Tgt Ion:128 Resp: 4105370
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

