

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069667.D
 Acq On : 29 Nov 2021 16:36
 Operator : JC/MD
 Sample : M4852-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:18:05 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	8.086	168	1772302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	3002598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	3054554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1456944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1263253	49.159	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.320%		
35) Dibromofluoromethane	8.024	113	871543	48.397	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.800%		
50) Toluene-d8	10.440	98	3858406	54.477	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.960%		
62) 4-Bromofluorobenzene	12.731	95	1541019	59.227	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.460%		
Target Compounds					Qvalue	
16) Acetone	4.293	43	59276	4.275	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	18675	0.939	ug/l	95
39) Methylcyclohexane	9.459	83	684406	21.776	ug/l	91
40) Benzene	8.461	78	270296	3.466	ug/l	99
67) Ethyl Benzene	11.843	91	3928968	37.469	ug/l	97
68) m/p-Xylenes	11.948	106	2478017	64.254	ug/l	92
69) o-Xylene	12.278	106	242271	6.301	ug/l	87
73) Isopropylbenzene	12.578	105	4481925	38.636	ug/l	98
78) n-propylbenzene	12.919	91	7178633	54.996	ug/l	96
80) 1,3,5-Trimethylbenzene	13.055	105	15055952	160.547	ug/l	100
83) tert-Butylbenzene	13.324	119	867017	10.550	ug/l	94
84) 1,2,4-Trimethylbenzene	13.353	105	22897115m	252.912	ug/l	
85) sec-Butylbenzene	13.501	105	3211740	27.977	ug/l #	74
89) n-Butylbenzene	13.940	91	1234323	16.242	ug/l #	73
95) Naphthalene	15.504	128	7852969	115.061	ug/l	100

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

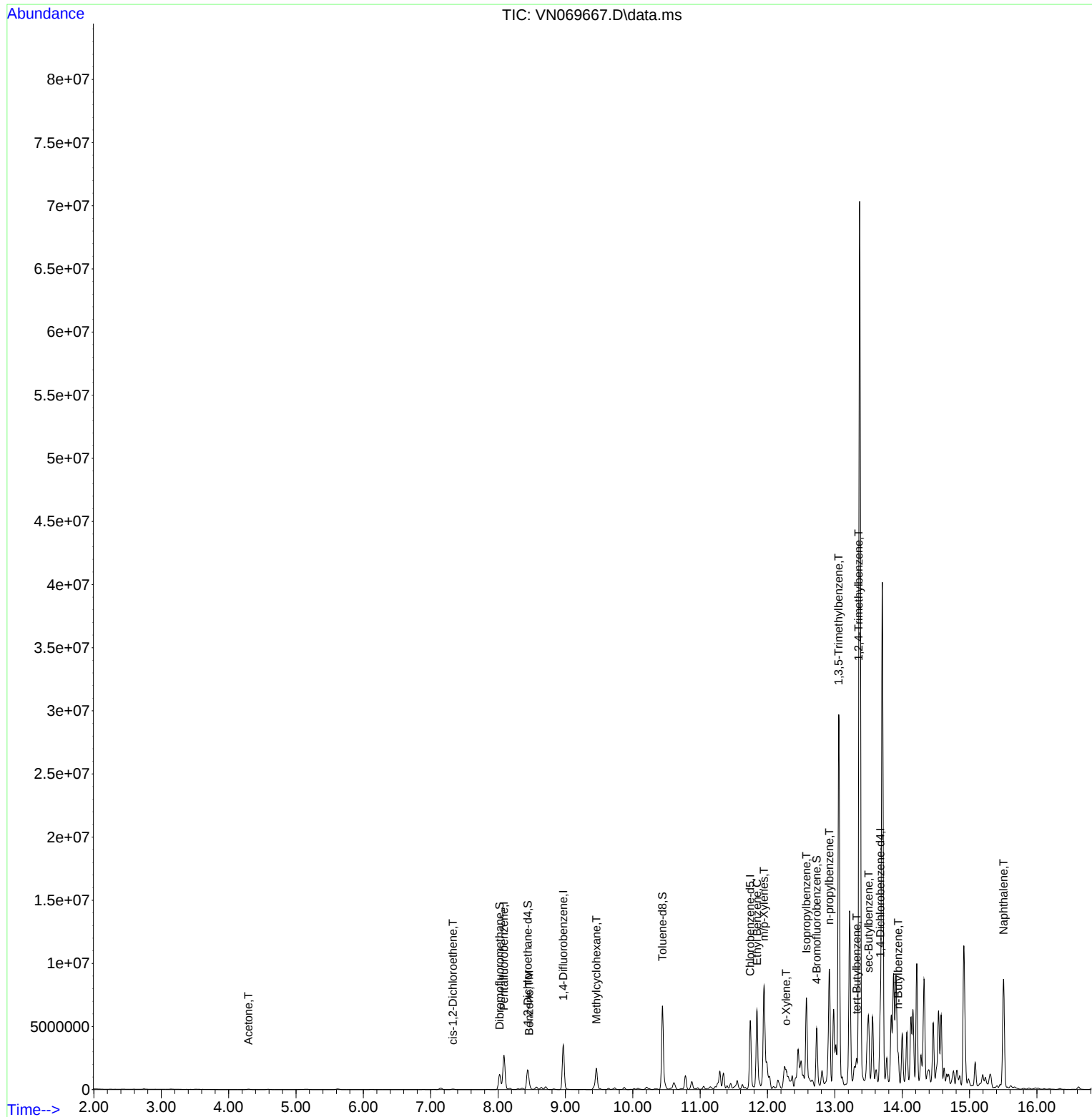
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
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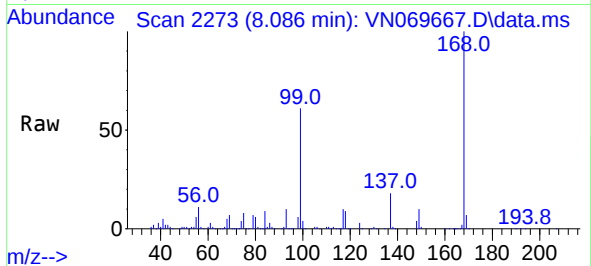
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

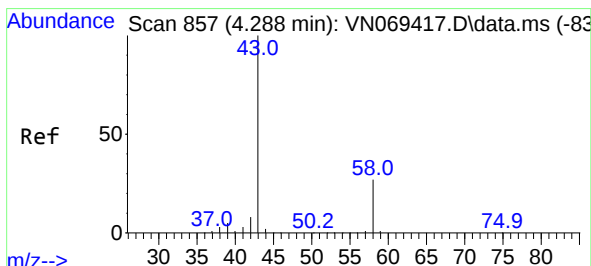
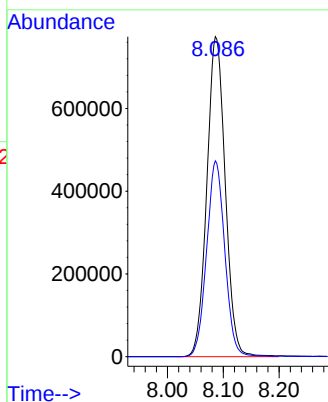
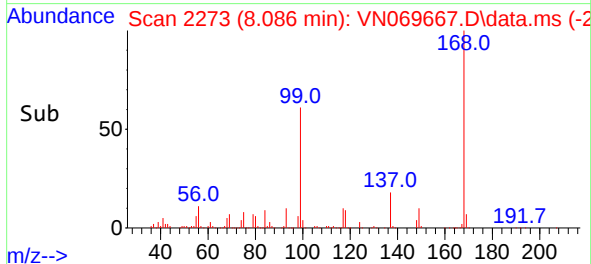
Instrument :
MSVOA_N
ClientSampleId :
MW-2D



Tgt Ion:168 Resp: 177230
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

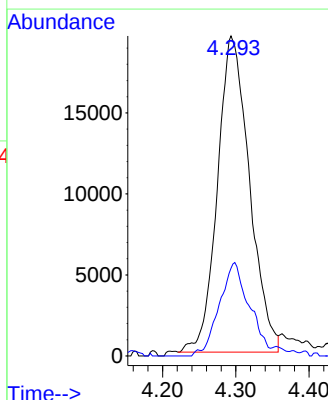
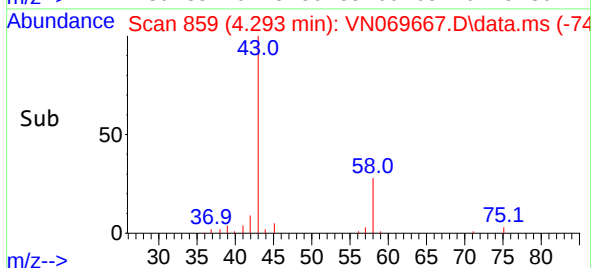
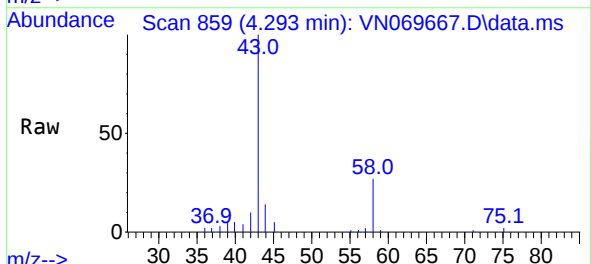
Manual Integrations
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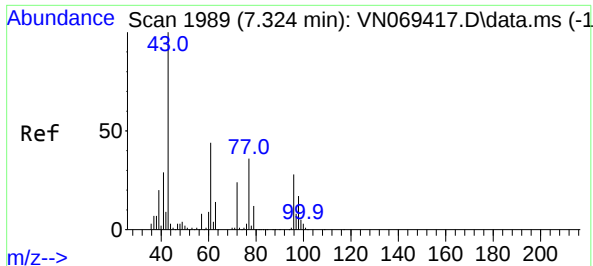
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 4.275 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

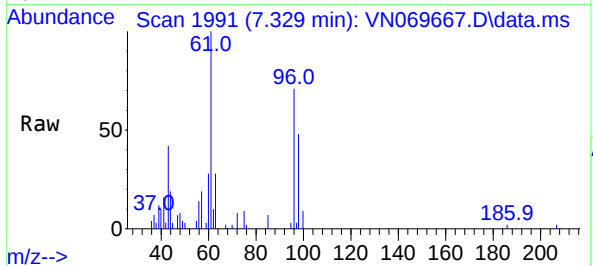
Tgt Ion: 43 Resp: 59276
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 0.939 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN069667.D
 Acq: 29 Nov 2021 16:36

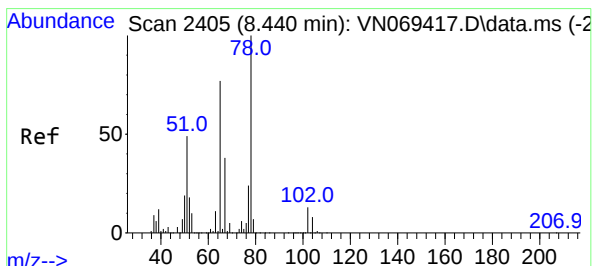
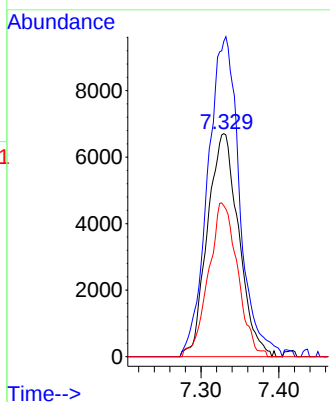
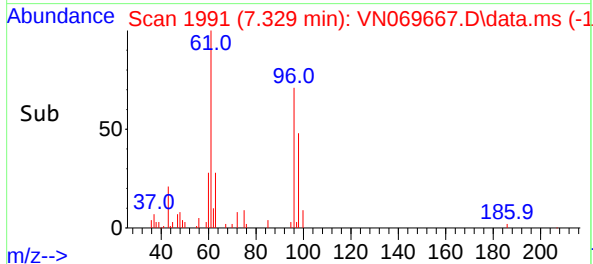
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D



Tgt Ion: 96 Resp: 1867
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 275.0
 98 64.3 0.0 129.6

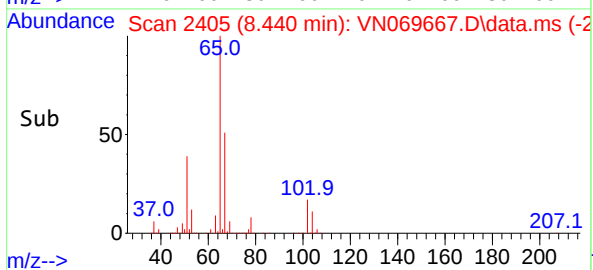
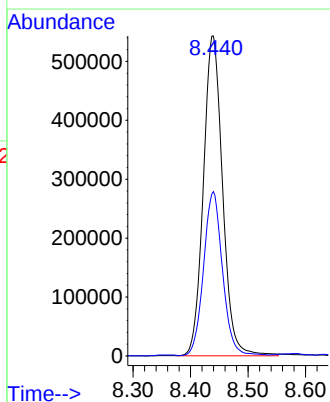
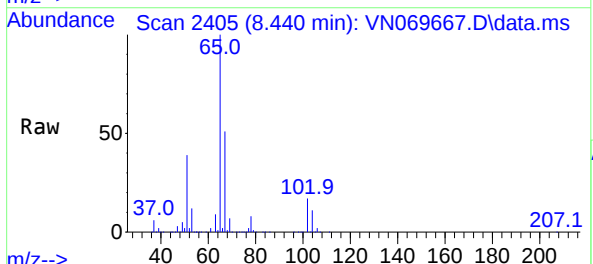
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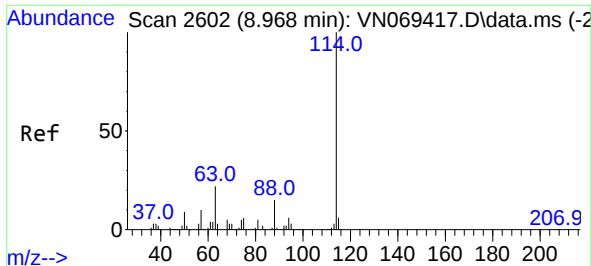
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#33
 1,2-Dichloroethane-d4
 Concen: 49.159 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069667.D
 Acq: 29 Nov 2021 16:36

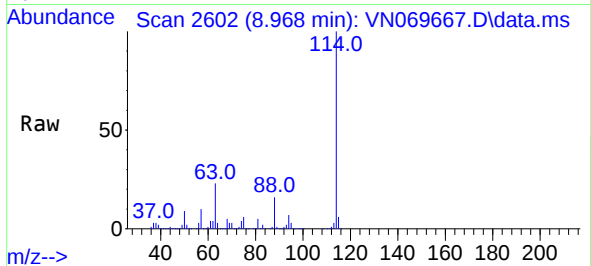
Tgt Ion: 65 Resp: 1263253
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

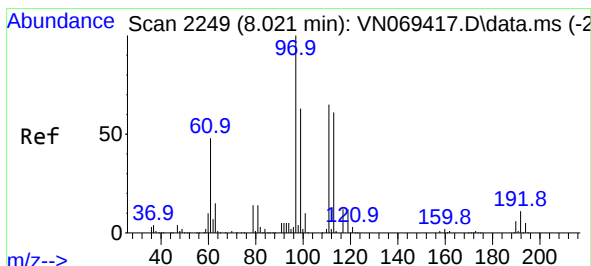
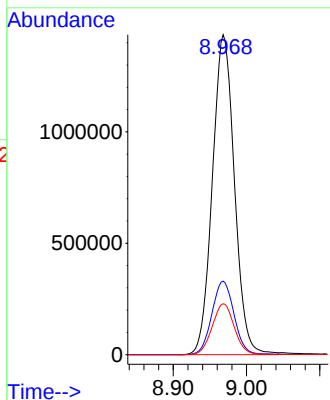
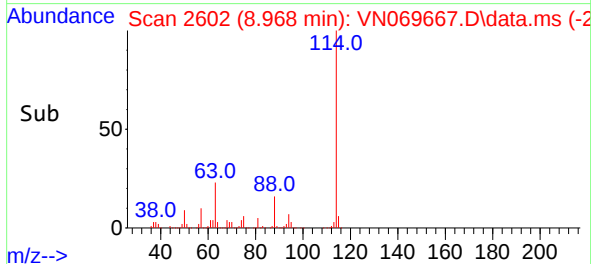
Instrument :
MSVOA_N
ClientSampleId :
MW-2D



Tgt Ion:114 Resp: 3002598
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 15.9 0.0 27.4

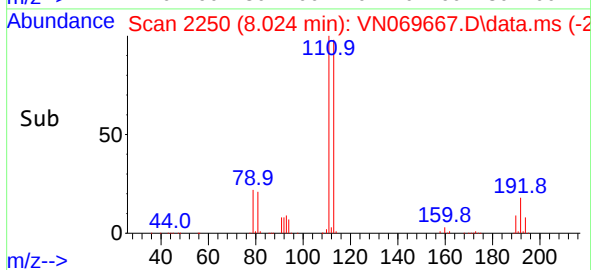
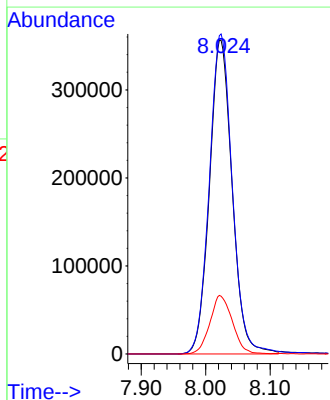
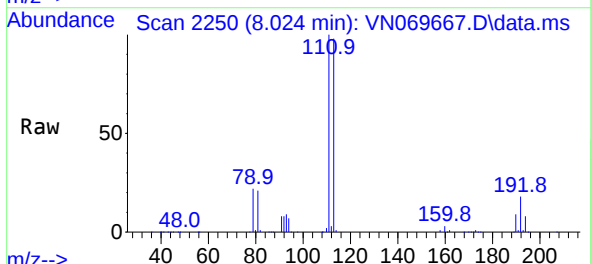
Manual Integrations
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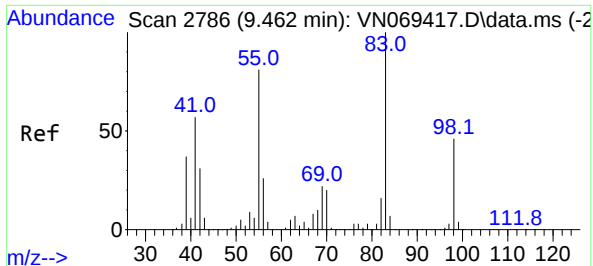
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#35
Dibromofluoromethane
Concen: 48.397 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

Tgt Ion:113 Resp: 871543
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.5 16.9 25.3





#39

Methylcyclohexane

Concen: 21.776 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069667.D

Acq: 29 Nov 2021 16:36

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

Tgt Ion: 83 Resp: 684400

Ion Ratio Lower Upper

83 100

55 81.9 58.1 87.1

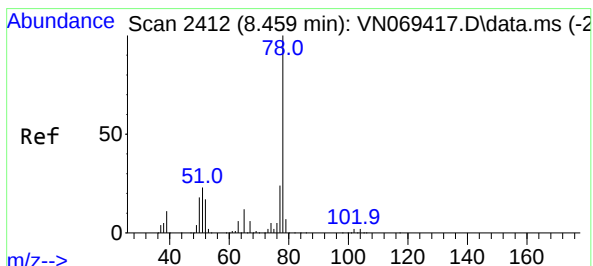
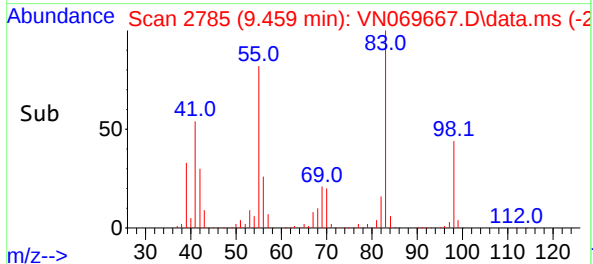
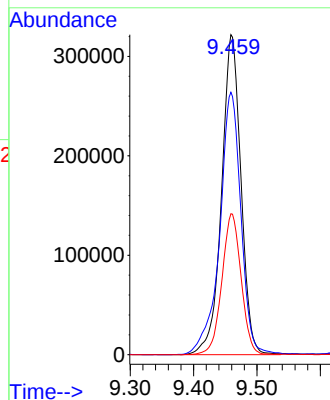
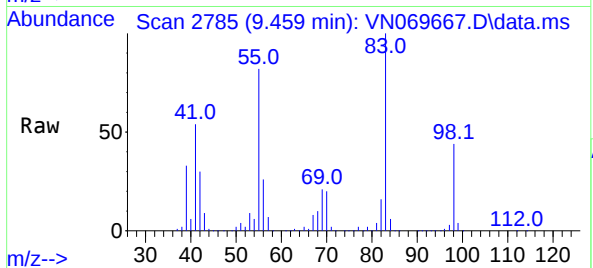
98 44.1 38.4 57.6

Manual Integrations

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#40

Benzene

Concen: 3.466 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069667.D

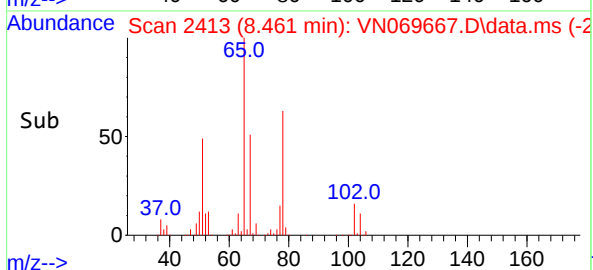
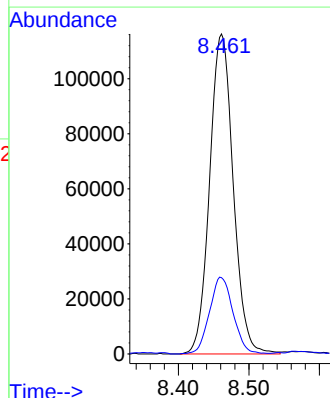
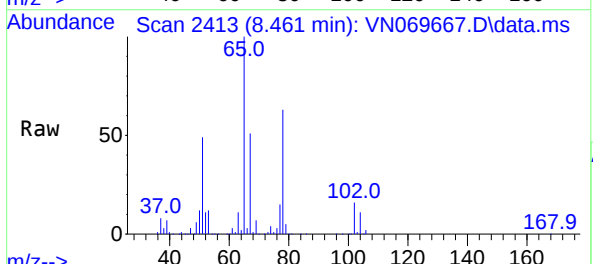
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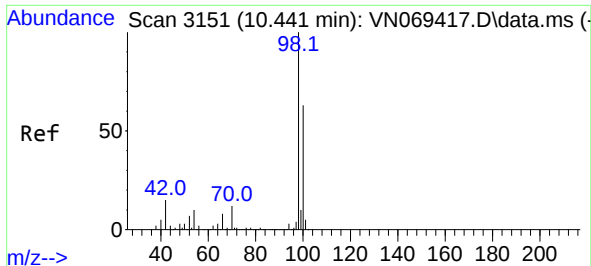
Tgt Ion: 78 Resp: 270296

Ion Ratio Lower Upper

78 100

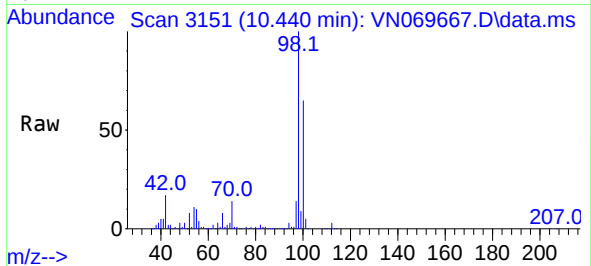
77 23.9 18.6 27.8





#50
Toluene-d8
Concen: 54.477 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

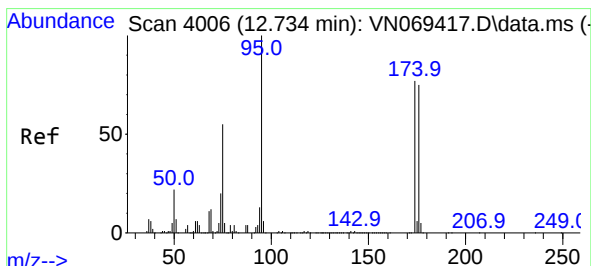
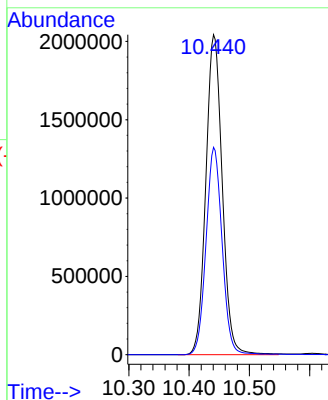
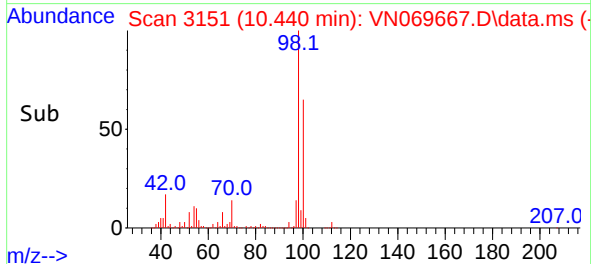
Instrument :
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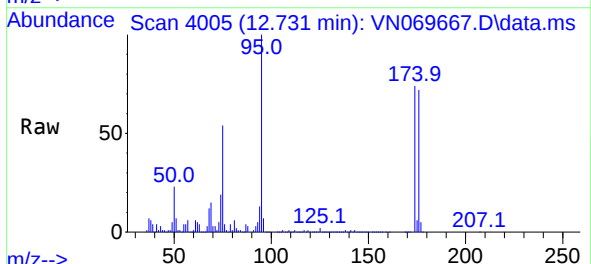
Tgt Ion: 98 Resp: 3858400
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

Manual Integrations
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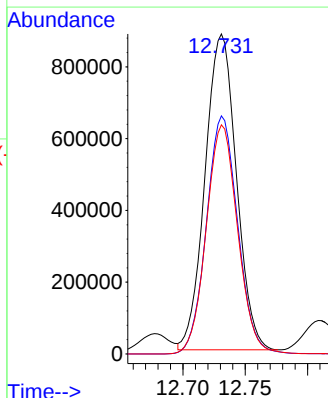
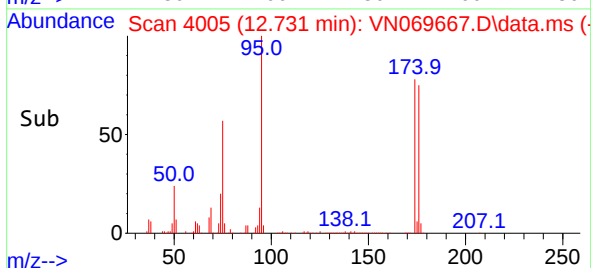
Reviewed By :John Carlone 11/30/2021
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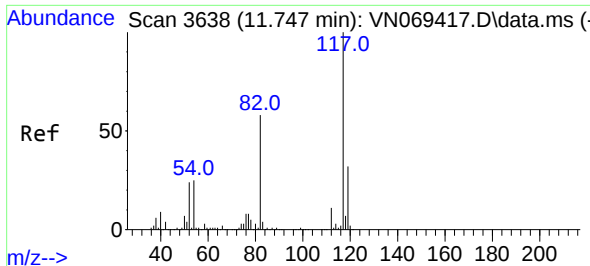


#62
4-Bromofluorobenzene
Concen: 59.227 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36



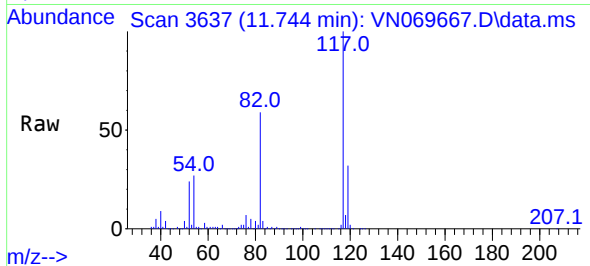
Tgt Ion: 95 Resp: 1541019
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

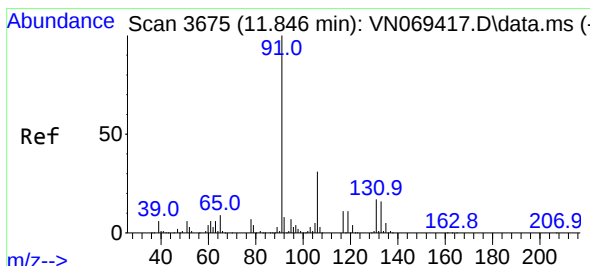
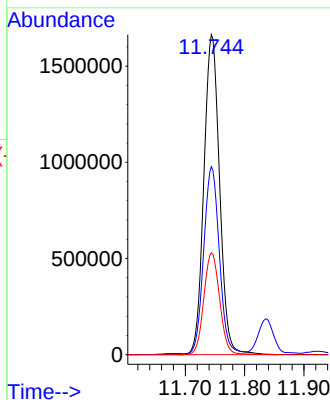
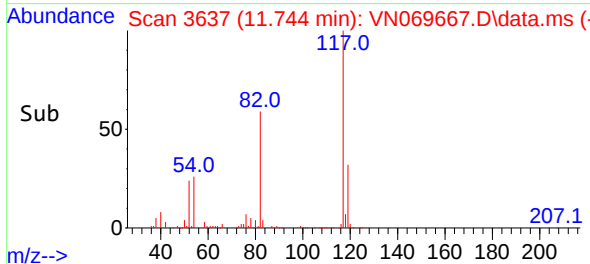
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MW-2D



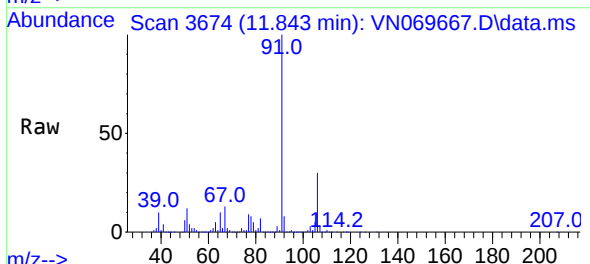
Tgt Ion:117 Resp: 3054554
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
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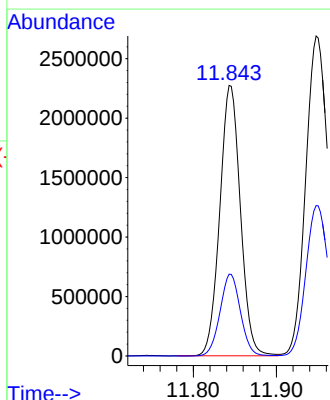
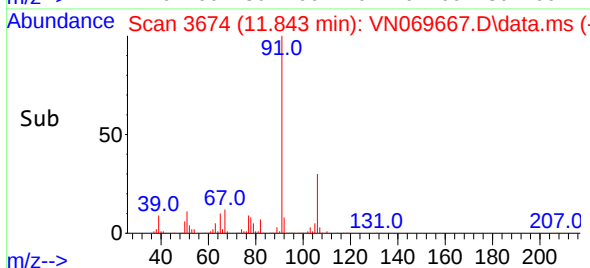
Reviewed By :John Carlone 11/30/2021
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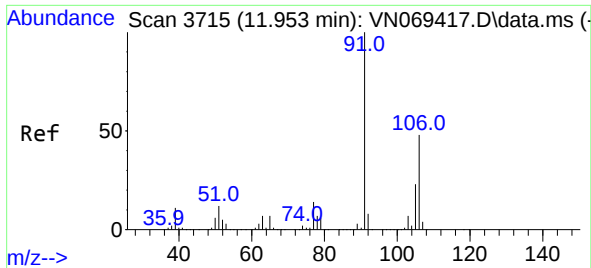


#67
Ethyl Benzene
Concen: 37.469 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36



Tgt Ion: 91 Resp: 3928968
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





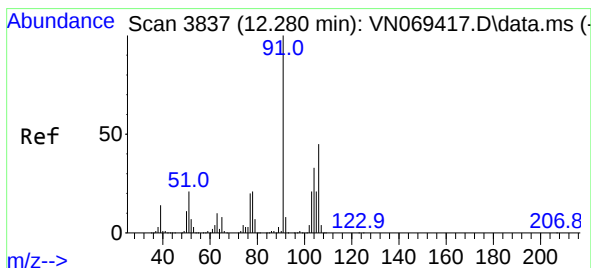
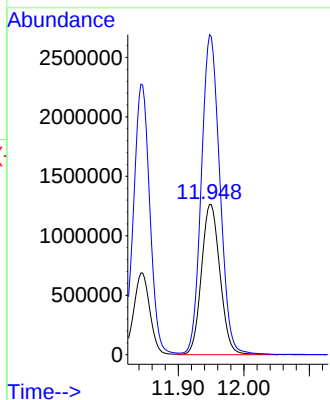
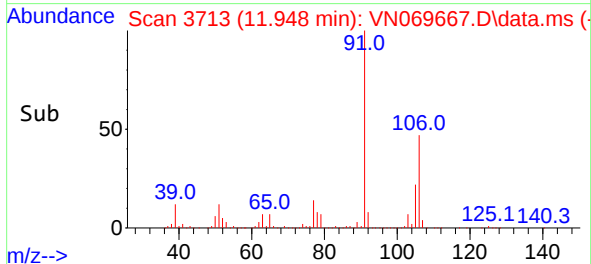
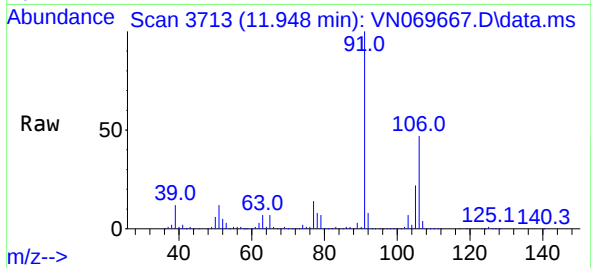
#68
m/p-Xylenes
Concen: 64.254 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

Instrument :
MSVOA_N
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Tgt Ion:106 Resp: 247801
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8

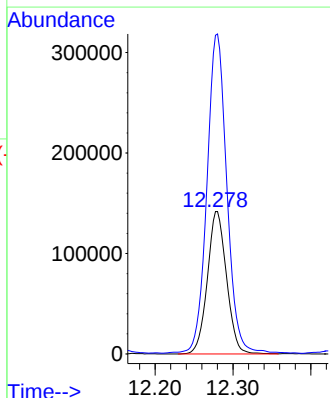
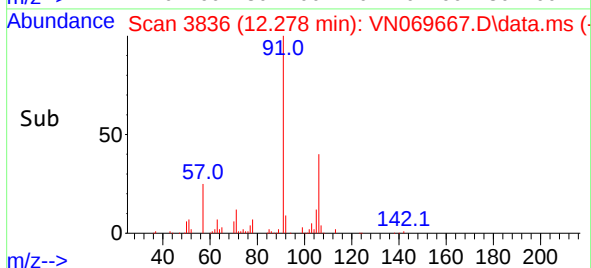
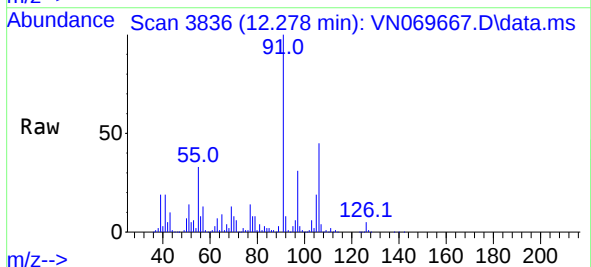
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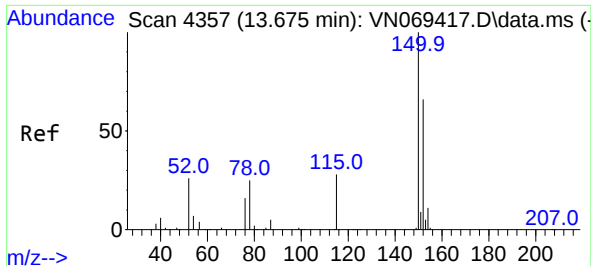
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#69
o-Xylene
Concen: 6.301 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

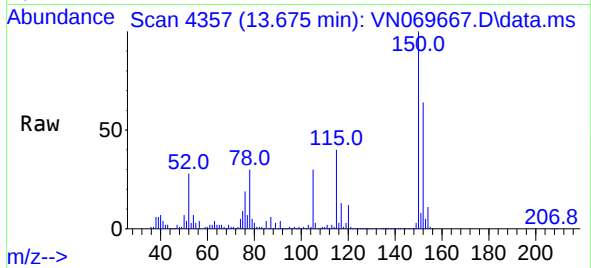
Tgt Ion:106 Resp: 242271
Ion Ratio Lower Upper
106 100
91 232.3 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

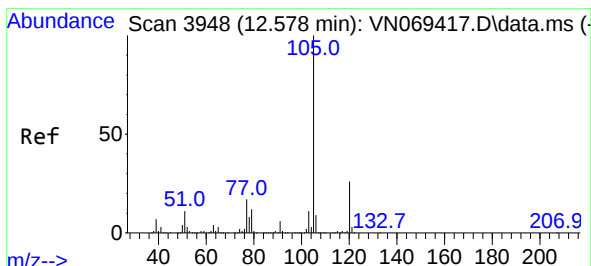
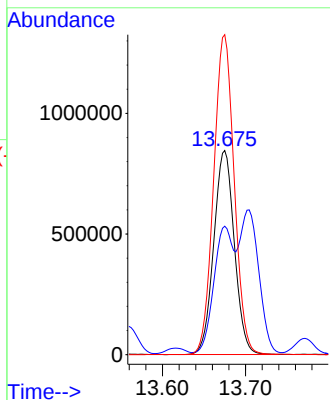
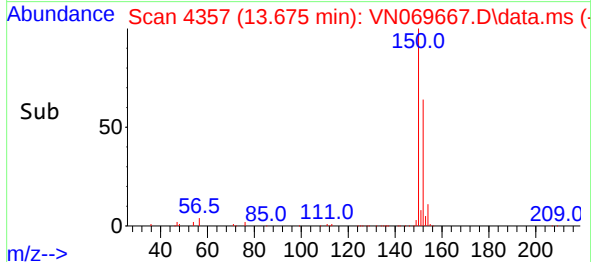
Instrument :
MSVOA_N
ClientSampleId :
MW-2D



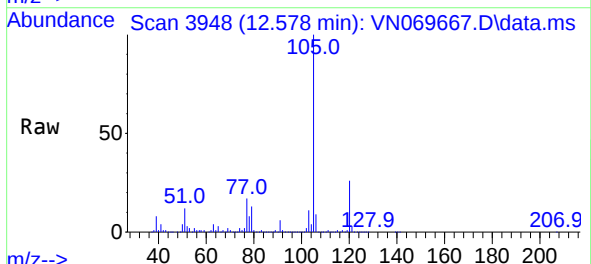
Tgt Ion:152 Resp: 1456944
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.5 0.0 344.4

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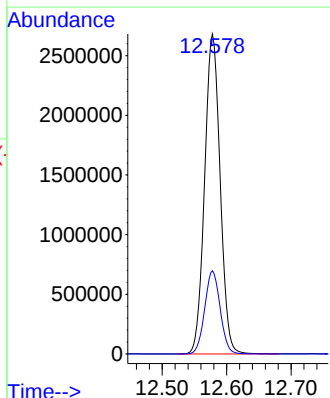
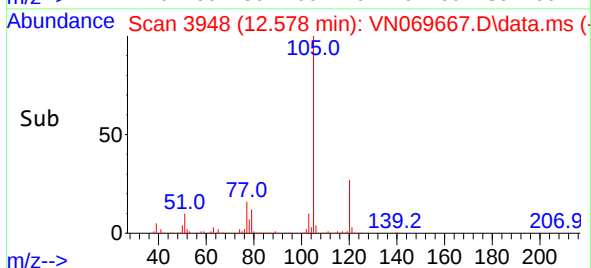
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

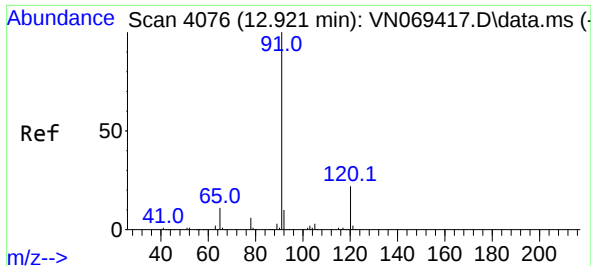


#73
Isopropylbenzene
Concen: 38.636 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36



Tgt Ion:105 Resp: 4481925
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





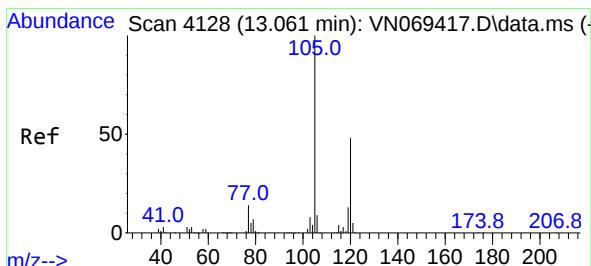
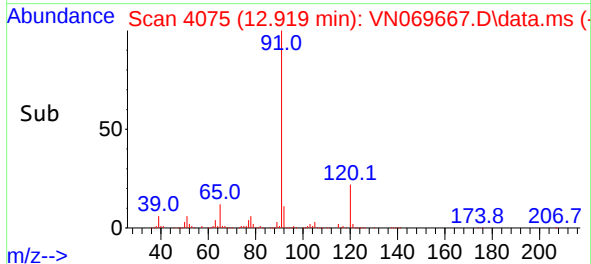
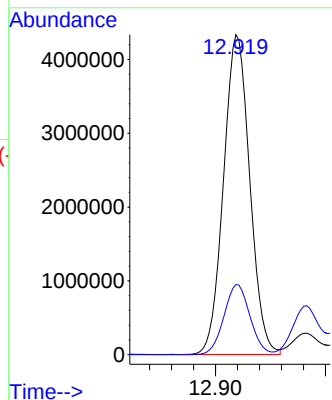
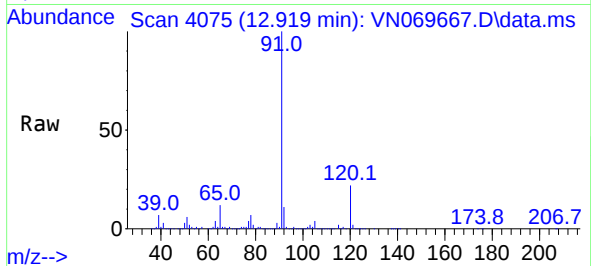
#78
n-propylbenzene
Concen: 54.996 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.002 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

Tgt Ion: 91 Resp: 717863
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

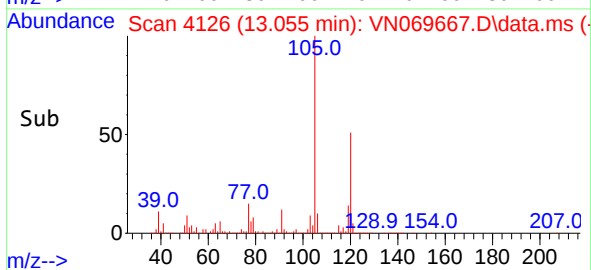
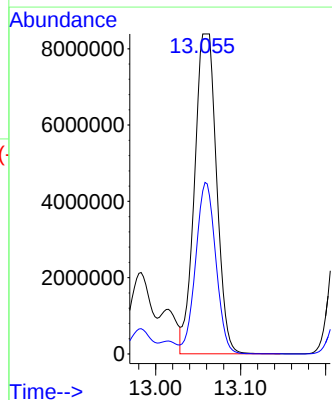
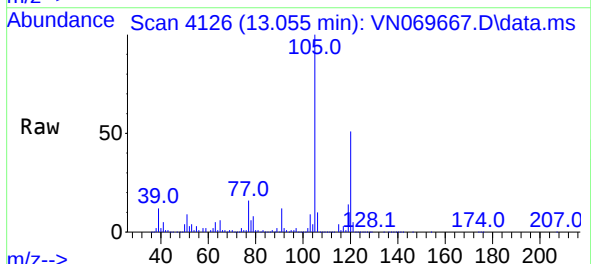
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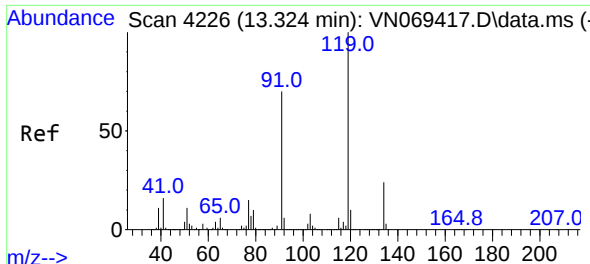
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 160.547 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.006 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

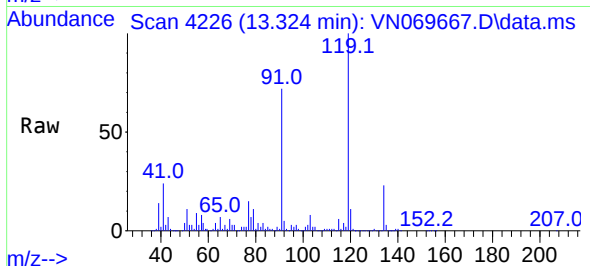
Tgt Ion:105 Resp:15055952
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6





#83
tert-Butylbenzene
Concen: 10.550 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

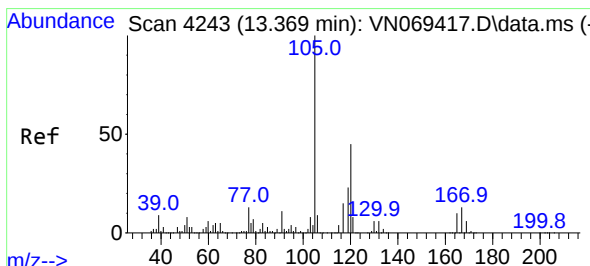
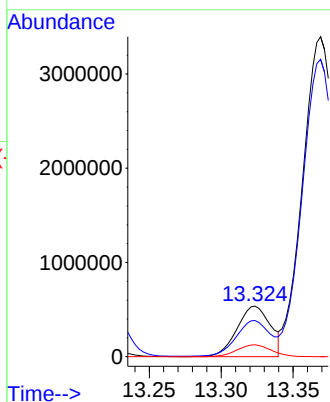
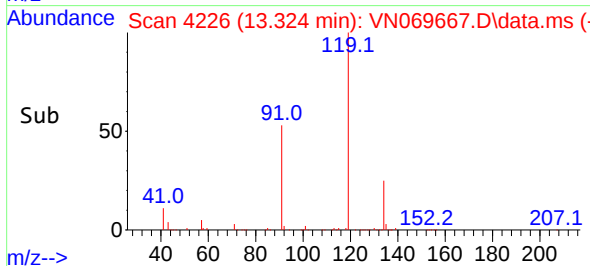
Instrument :
MSVOA_N
ClientSampleId :
MW-2D



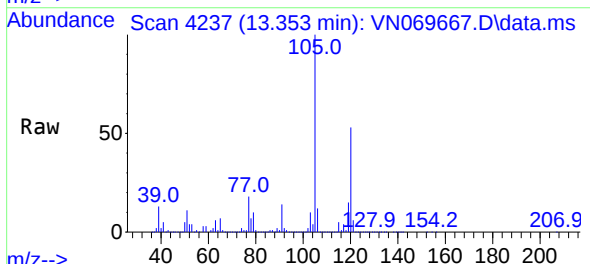
Tgt Ion:119 Resp: 86701
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 24.1 12.4 37.4

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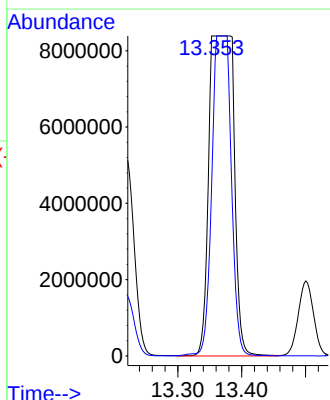
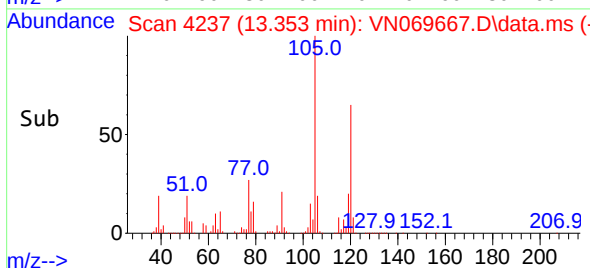
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

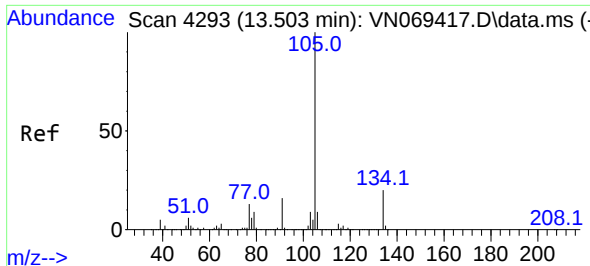


#84
1,2,4-Trimethylbenzene
Concen: 252.912 ug/l m
RT: 13.353 min Scan# 4237
Delta R.T. -0.016 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36



Tgt Ion:105 Resp:22897115
Ion Ratio Lower Upper
105 100
120 11.5 22.8 68.4#





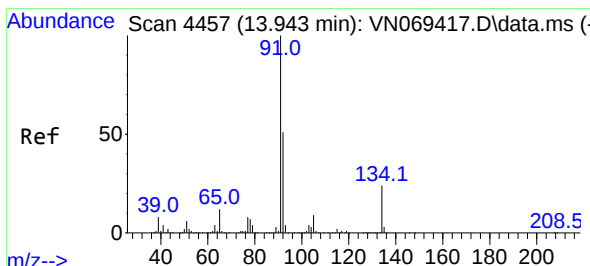
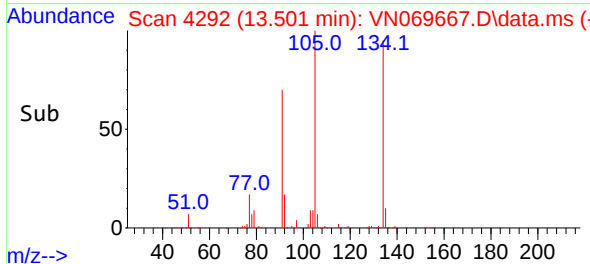
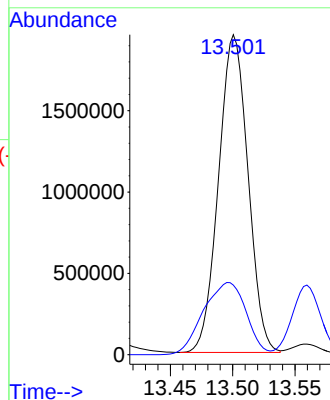
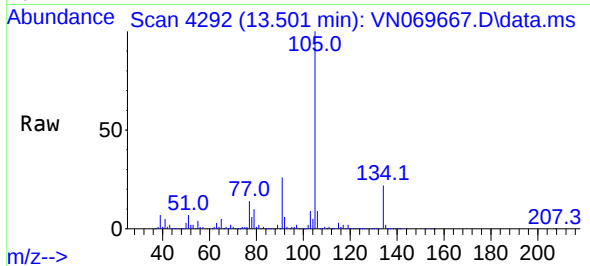
#85
 sec-Butylbenzene
 Concen: 27.977 ug/l
 RT: 13.501 min Scan# 4293
 Delta R.T. -0.002 min
 Lab File: VN069667.D
 Acq: 29 Nov 2021 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

Tgt Ion:105 Resp: 3211740
 Ion Ratio Lower Upper
 105 100
 134 32.9 10.4 31.1

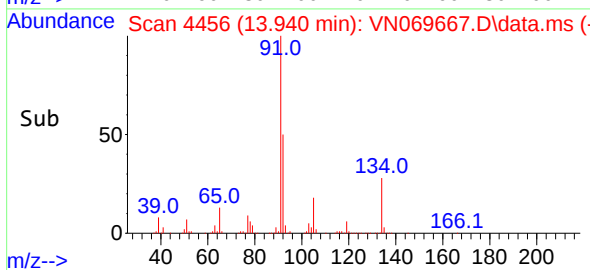
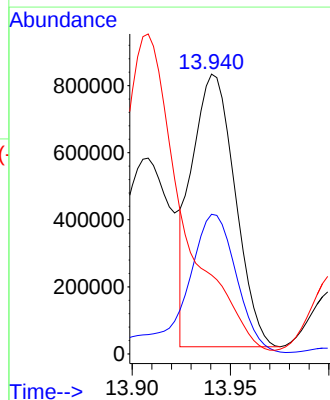
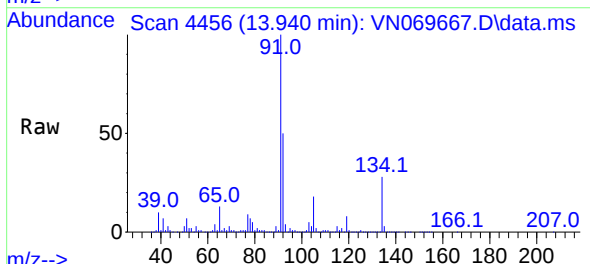
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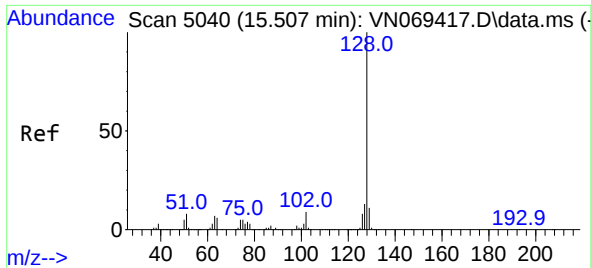
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#89
 n-Butylbenzene
 Concen: 16.242 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN069667.D
 Acq: 29 Nov 2021 16:36

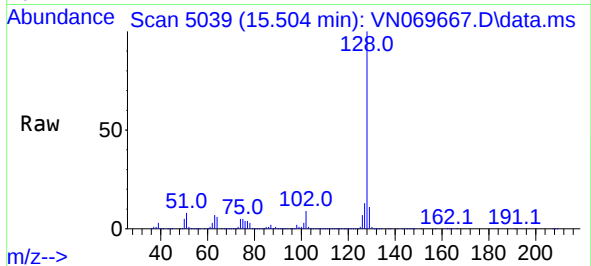
Tgt Ion: 91 Resp: 1234323
 Ion Ratio Lower Upper
 91 100
 92 59.6 25.4 76.0
 134 0.0 13.6 40.8





#95
Naphthalene
Concen: 115.061 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN069667.D
Acq: 29 Nov 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :
MW-2D



Tgt Ion:128 Resp: 7852969
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

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Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

