

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069640.D
 Acq On : 24 Nov 2021 14:16
 Operator : JC/MD
 Sample : M4815-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 06:58:33 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	1568350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2708968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2772991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1310343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1135797	49.947	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.900%		
35) Dibromofluoromethane	8.024	113	782222	48.145	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.280%		
50) Toluene-d8	10.440	98	3468776	54.284	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.560%		
62) 4-Bromofluorobenzene	12.731	95	1329075	56.618	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.240%		
Target Compounds						
					Qvalue	
16) Acetone	4.307	43	11751m	0.958	ug/l	
39) Methylcyclohexane	9.459	83	63465	2.238	ug/l	91
67) Ethyl Benzene	11.843	91	25169	0.264	ug/l #	86
68) m/p-Xylenes	11.956	106	18409	0.526	ug/l #	62
73) Isopropylbenzene	12.578	105	47470	0.455	ug/l	93
78) n-propylbenzene	12.921	91	104037	0.886	ug/l	98
80) 1,3,5-Trimethylbenzene	13.058	105	101541	1.204	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	368820	4.530	ug/l	97
85) sec-Butylbenzene	13.501	105	55464	0.537	ug/l #	73
86) p-Isopropyltoluene	13.616	119	44992	0.549	ug/l	97
89) n-Butylbenzene	13.940	91	53527	0.783	ug/l #	73
95) Naphthalene	15.504	128	662944	14.833	ug/l	97

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

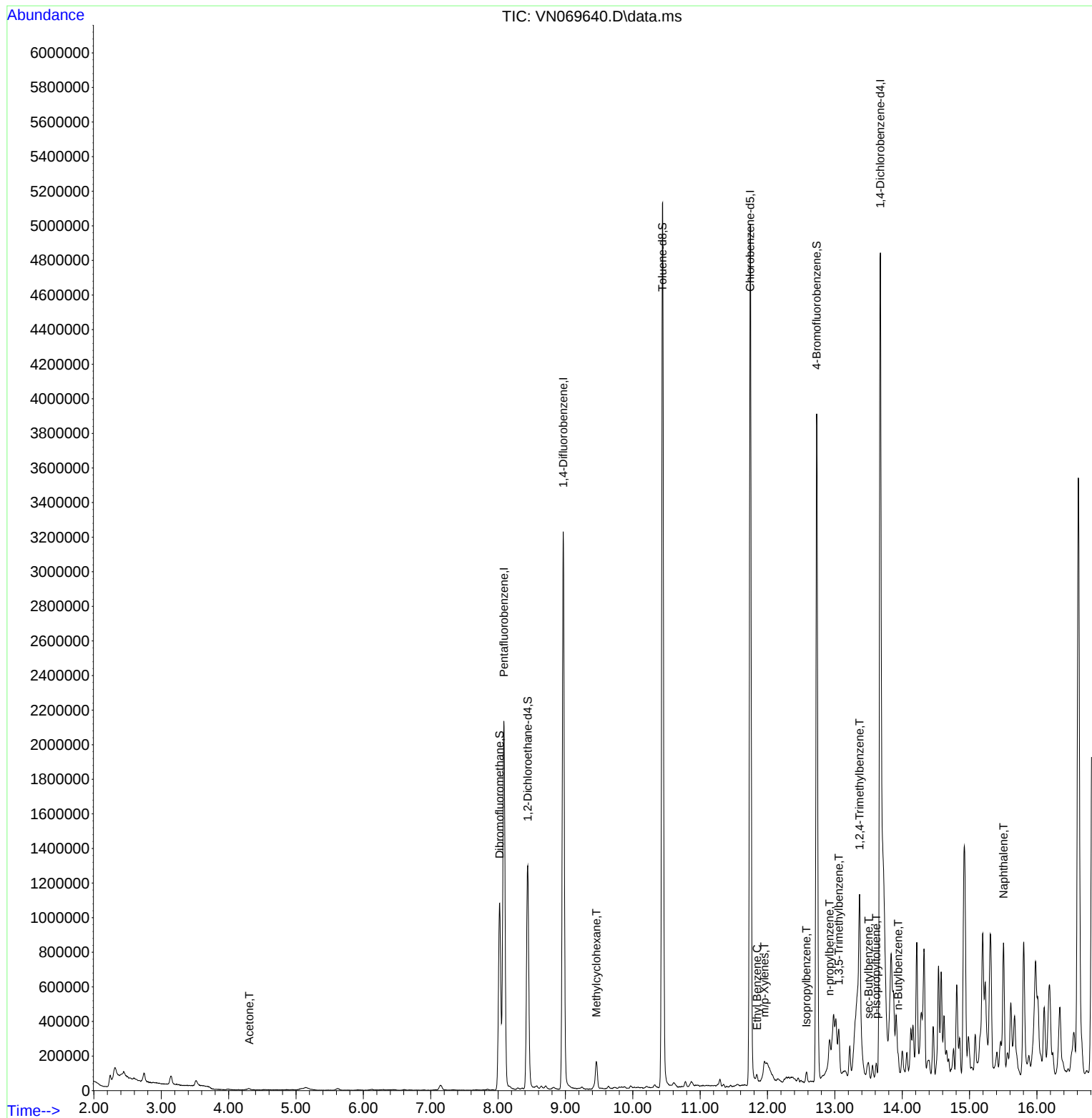
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
Data File : VN069640.D
Acq On : 24 Nov 2021 14:16
Operator : JC/MD
Sample : M4815-03
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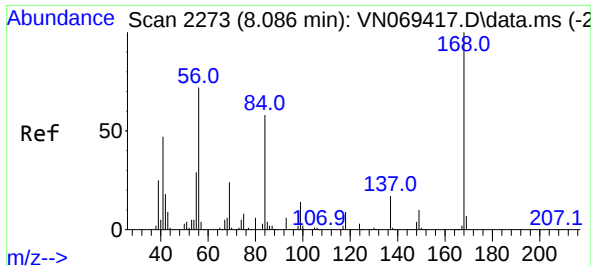
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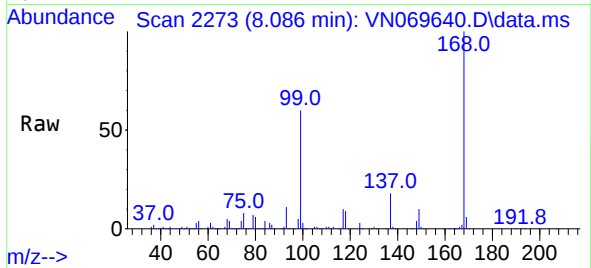
Quant Time: Nov 26 06:58:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

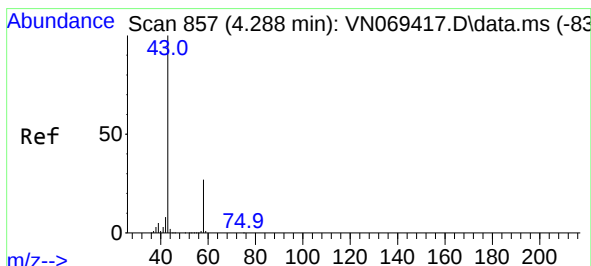
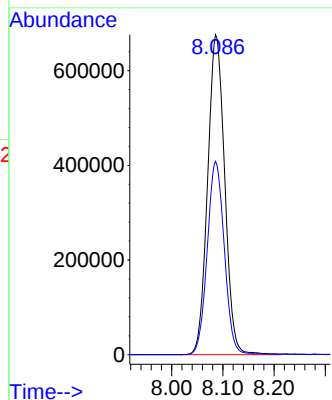
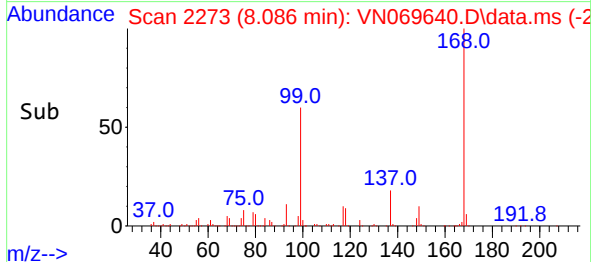
Instrument :
MSVOA_N
ClientSampleId :
MW-6



Tgt Ion:168 Resp: 1568350
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

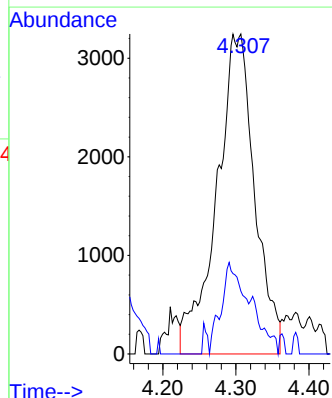
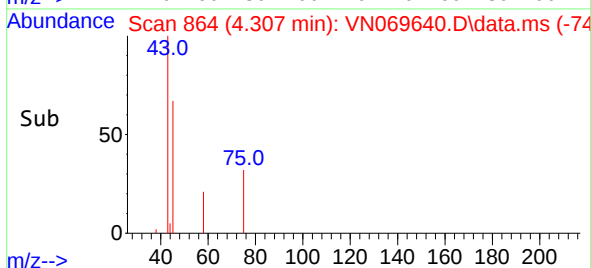
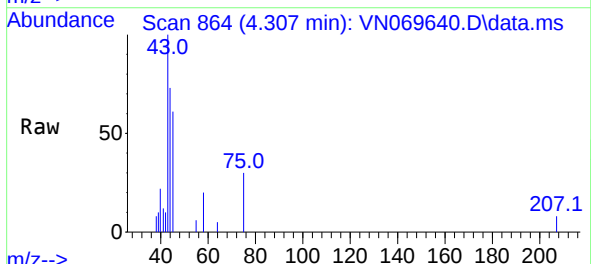
Manual Integrations
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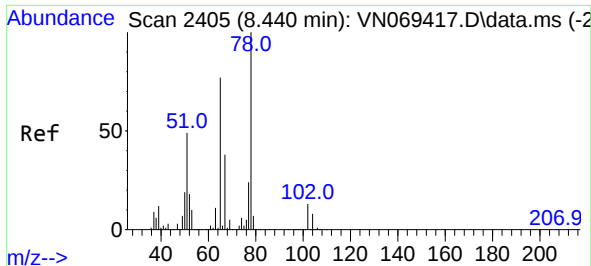
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Acetone
Concen: 0.958 ug/l m
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Tgt Ion: 43 Resp: 11751
Ion Ratio Lower Upper
43 100
58 19.7 23.1 34.7#





#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069640.D

Acq: 24 Nov 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

MW-6

Tgt Ion: 65 Resp: 113579

Ion Ratio Lower Upper

65 100

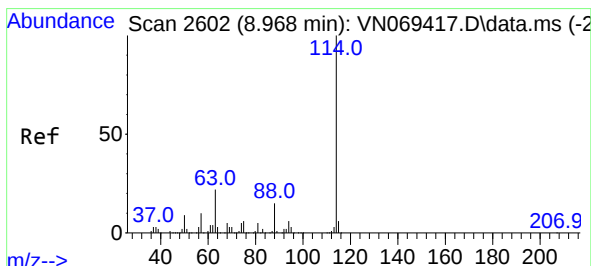
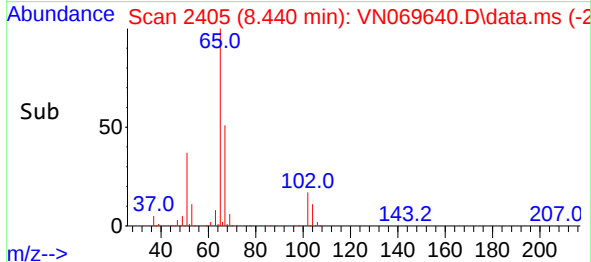
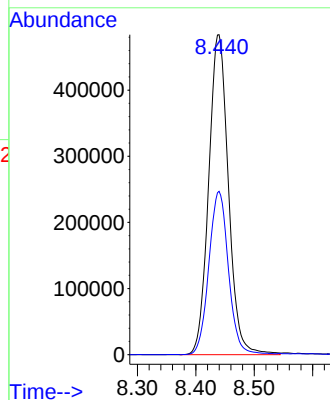
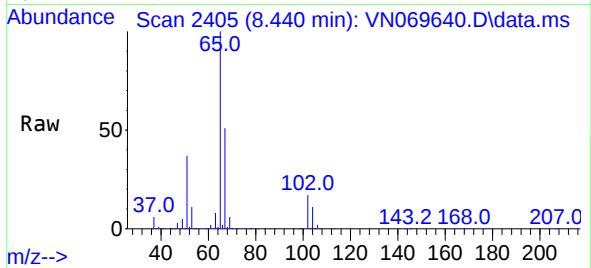
67 50.8 0.0 103.0

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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: VN069640.D

Acq: 24 Nov 2021 14:16

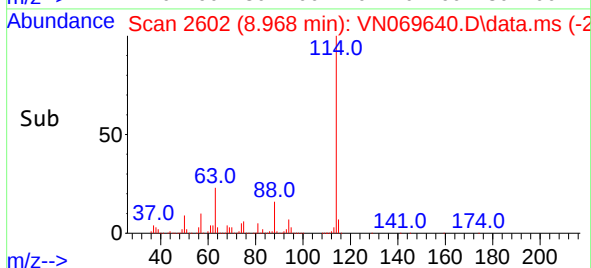
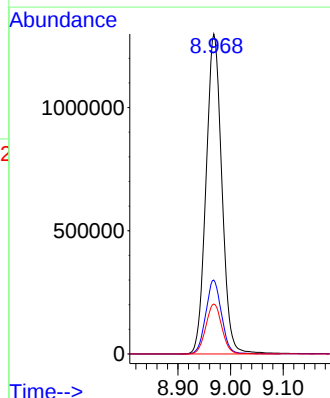
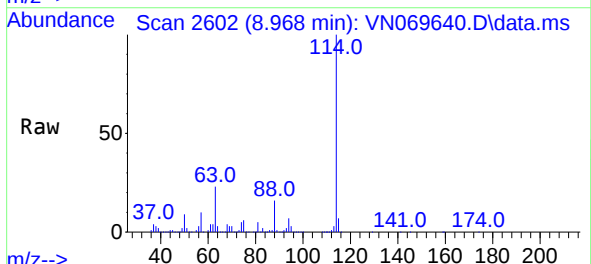
Tgt Ion:114 Resp: 2708968

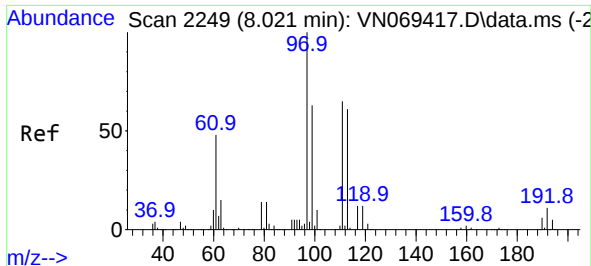
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

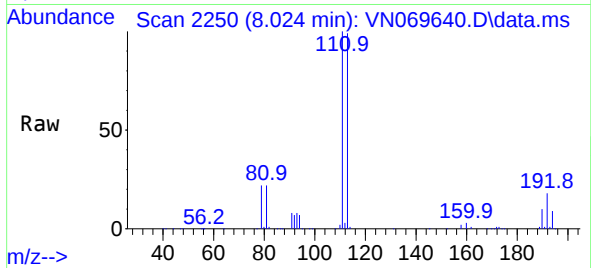
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.145 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

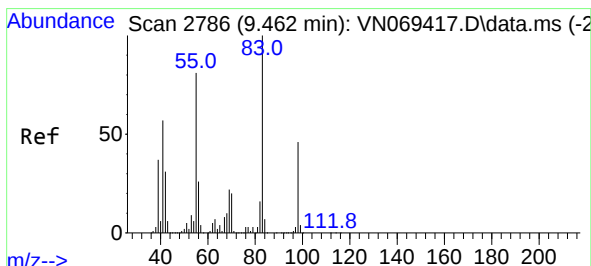
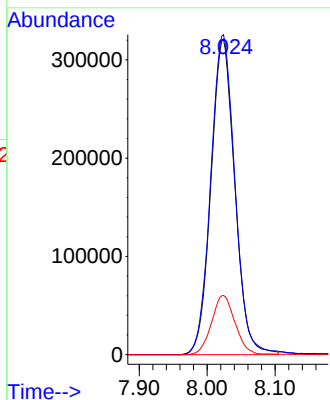
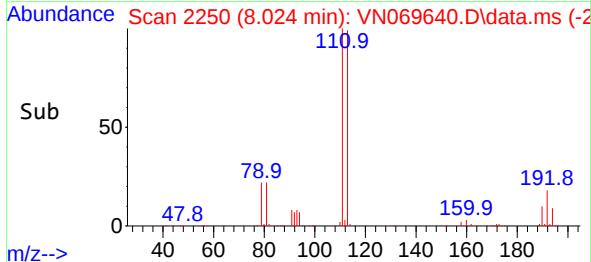
Instrument :
MSVOA_N
ClientSampleId :
MW-6



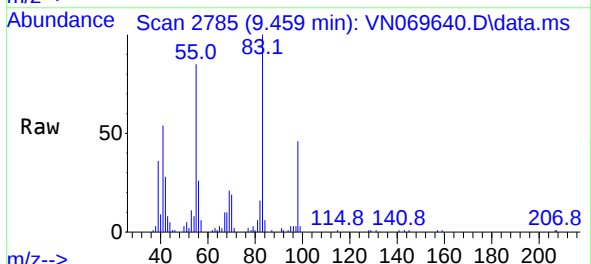
Tgt Ion: 113 Resp: 78222
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.5 16.9 25.3

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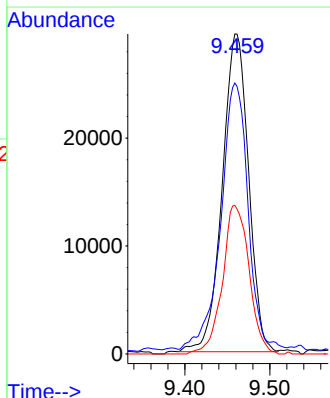
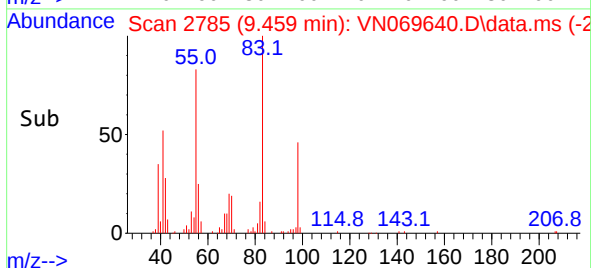
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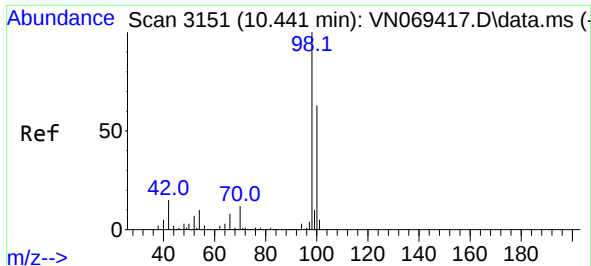


#39
Methylcyclohexane
Concen: 2.238 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16



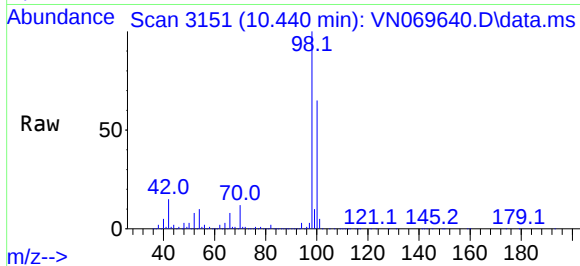
Tgt Ion: 83 Resp: 63465
Ion Ratio Lower Upper
83 100
55 83.8 58.1 87.1
98 46.8 38.4 57.6





#50
Toluene-d8
Concen: 54.284 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

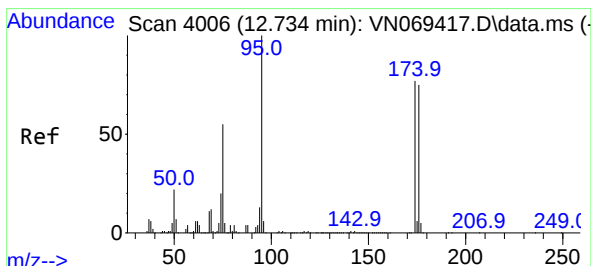
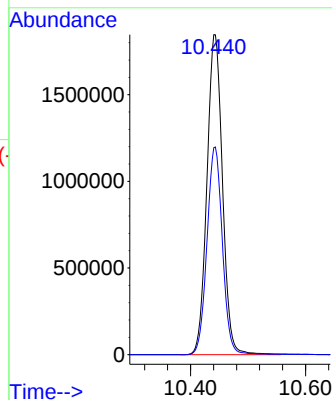
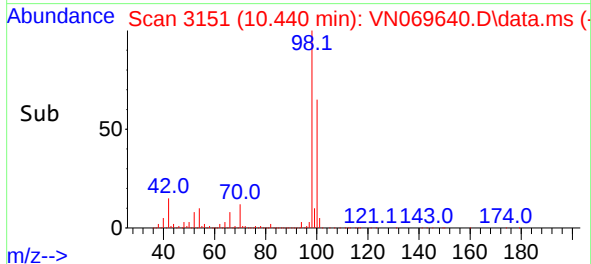
Instrument :
MSVOA_N
ClientSampleId :
MW-6



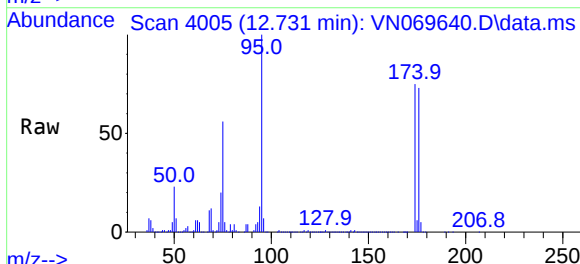
Tgt Ion: 98 Resp: 3468770
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

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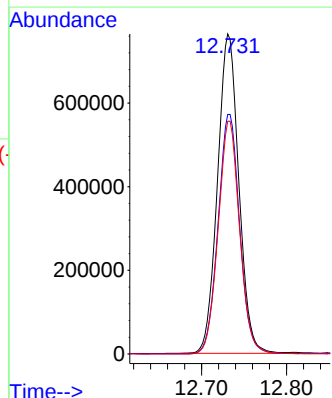
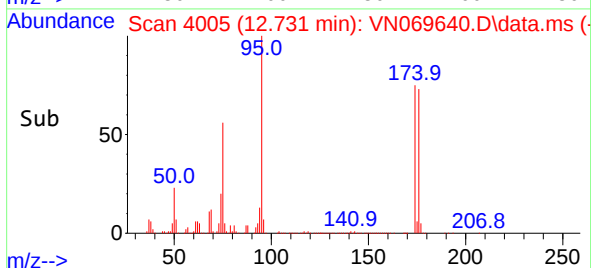
Reviewed By :John Carlone 11/26/2021
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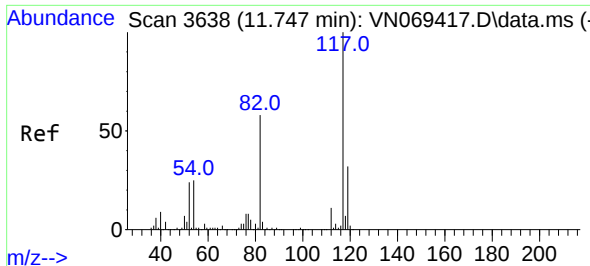


#62
4-Bromofluorobenzene
Concen: 56.618 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16



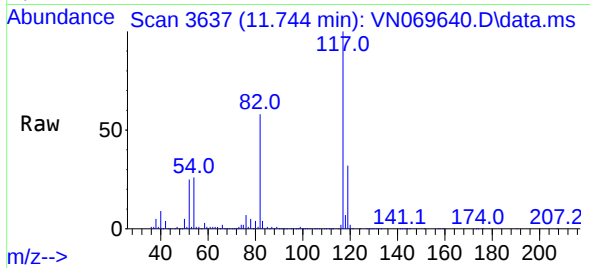
Tgt Ion: 95 Resp: 1329075
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

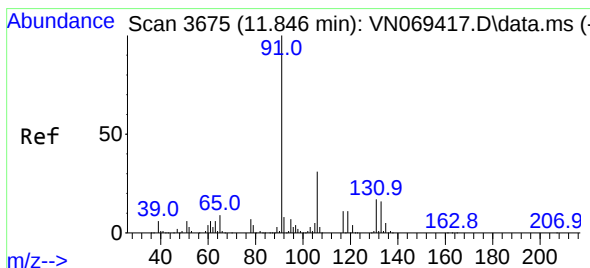
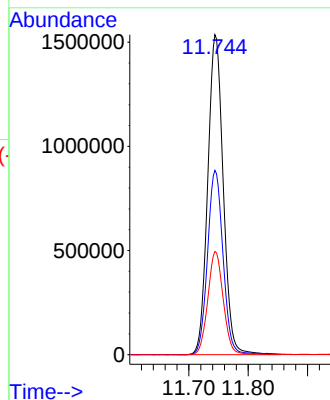
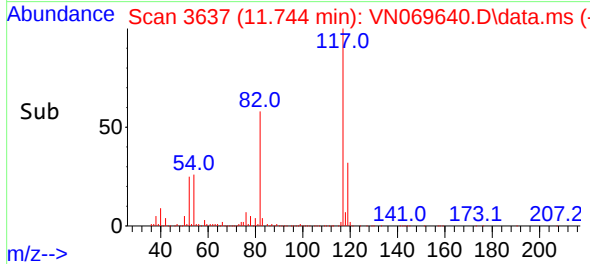
Instrument :
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ClientSampleId :
MW-6



Tgt Ion: 117 Resp: 277299
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 32.2 25.4 38.2

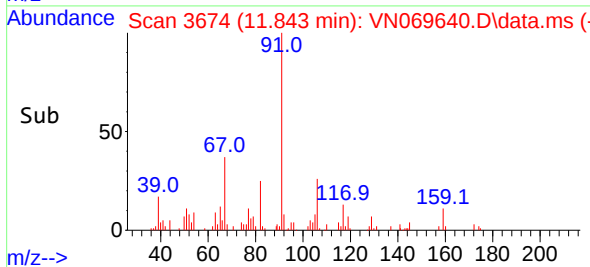
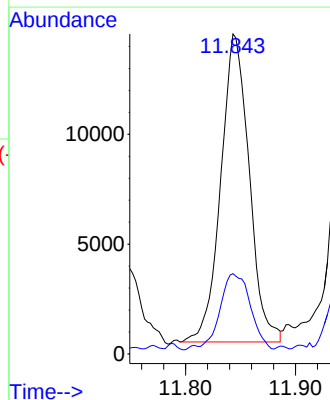
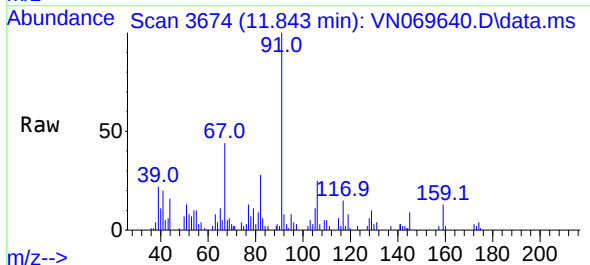
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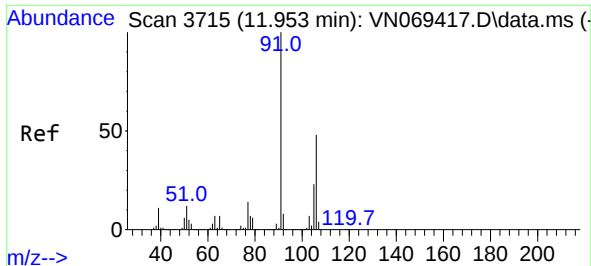
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#67
Ethyl Benzene
Concen: 0.264 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Tgt Ion: 91 Resp: 25169
Ion Ratio Lower Upper
91 100
106 24.4 25.7 38.5#





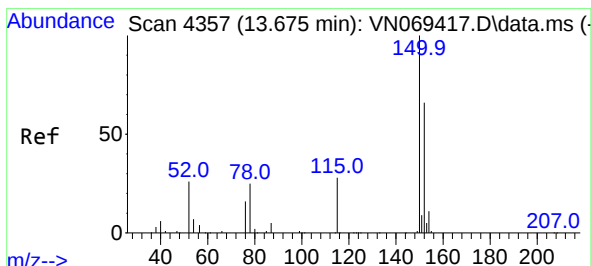
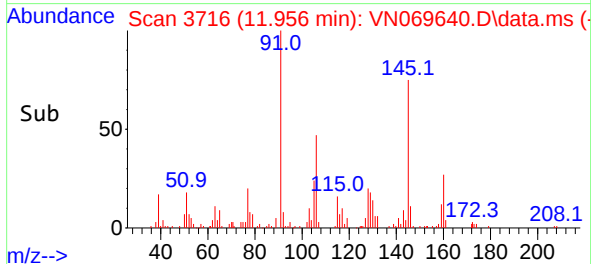
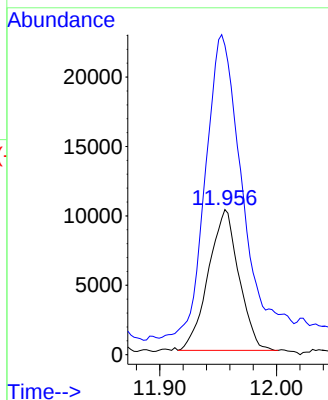
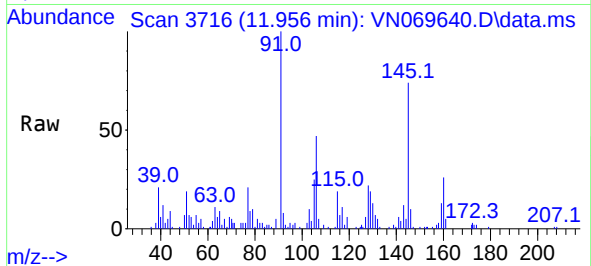
#68
m/p-Xylenes
Concen: 0.526 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:106 Resp: 18409
Ion Ratio Lower Upper
106 100
91 258.2 160.6 240.8

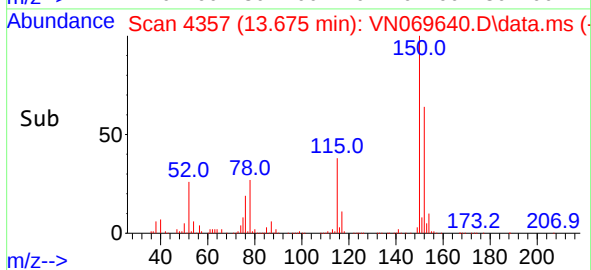
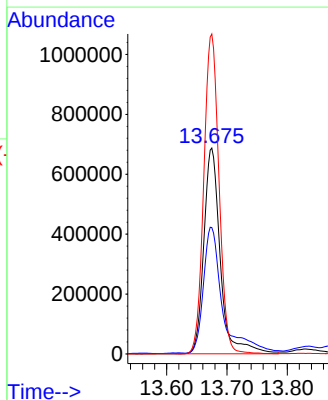
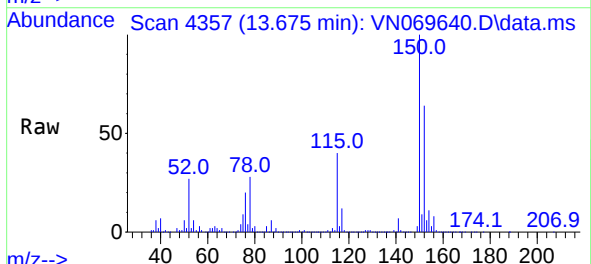
Manual Integrations
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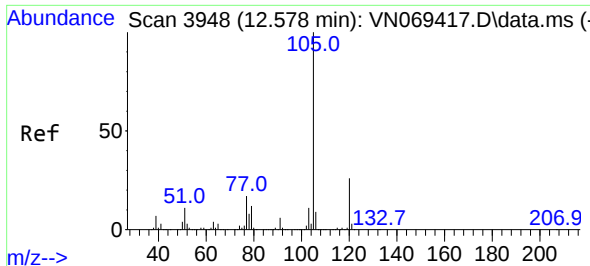
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

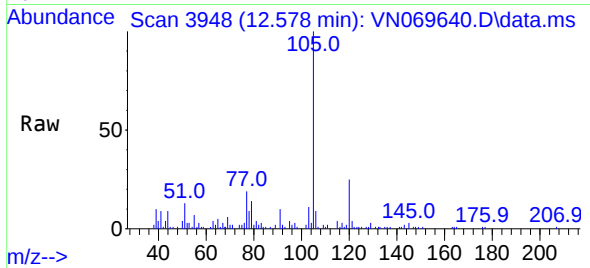
Tgt Ion:152 Resp: 1310343
Ion Ratio Lower Upper
152 100
115 71.2 27.5 82.5
150 142.9 0.0 344.4





#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

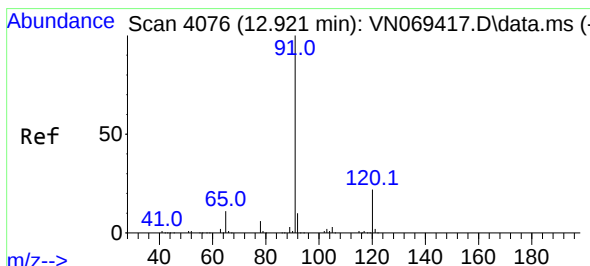
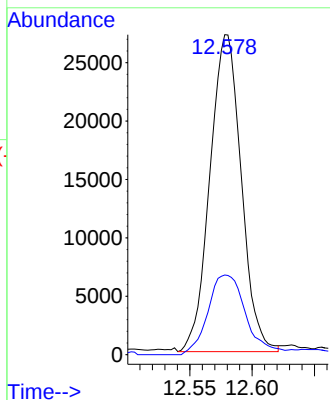
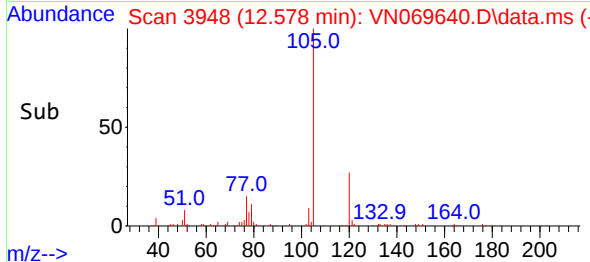
Instrument :
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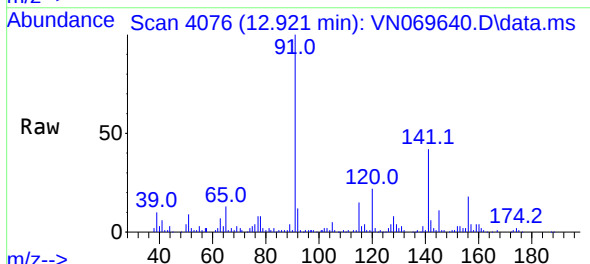
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Ion Ratio Lower Upper
105 100
120 30.4 13.4 40.1

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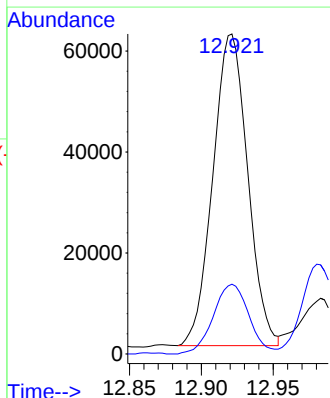
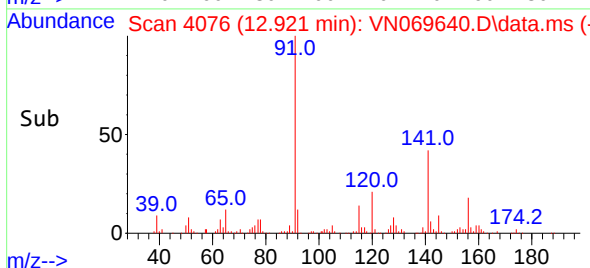
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

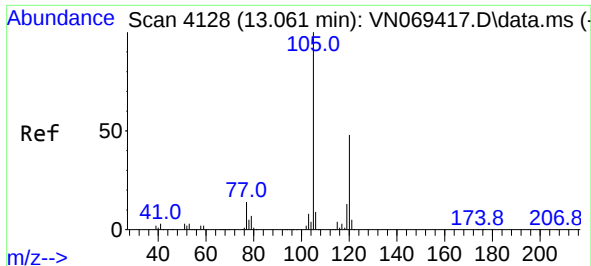


#78
n-propylbenzene
Concen: 0.886 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16



Tgt Ion: 91 Resp: 104037
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





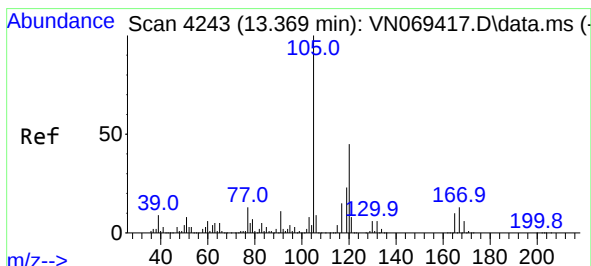
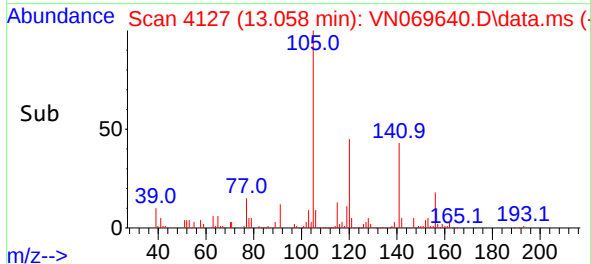
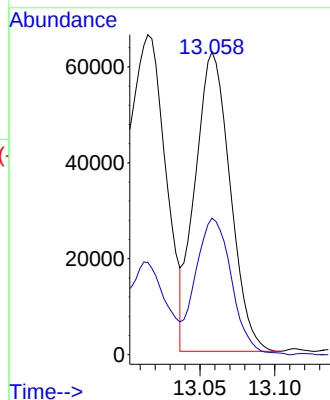
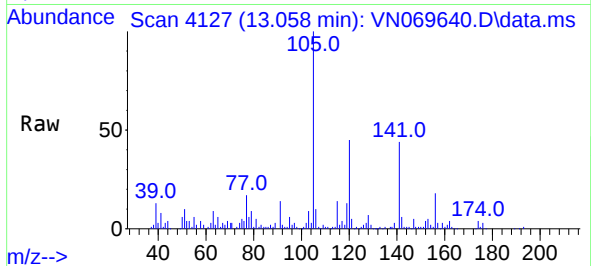
#80
1,3,5-Trimethylbenzene
Concen: 1.204 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:105 Resp: 10154
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6

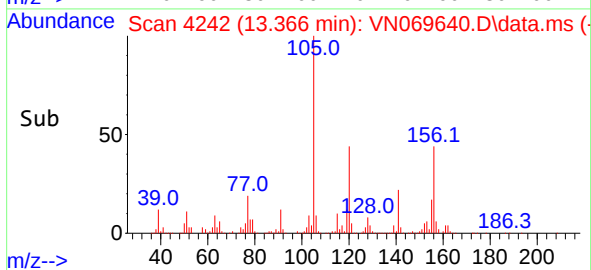
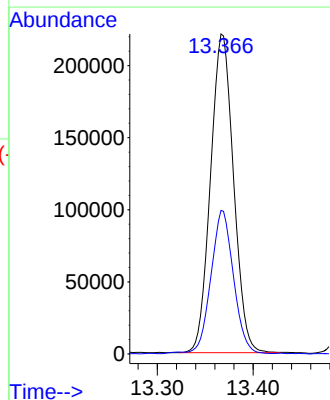
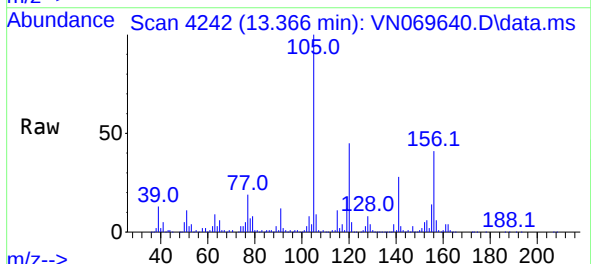
Manual Integrations
APPROVED

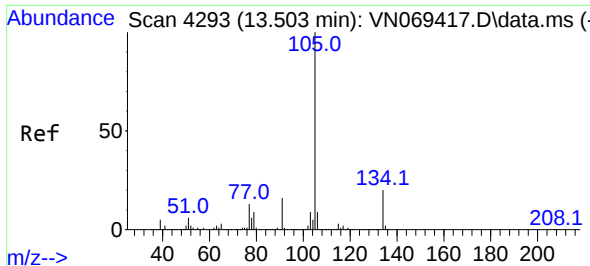
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#84
1,2,4-Trimethylbenzene
Concen: 4.530 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Tgt Ion:105 Resp: 368820
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





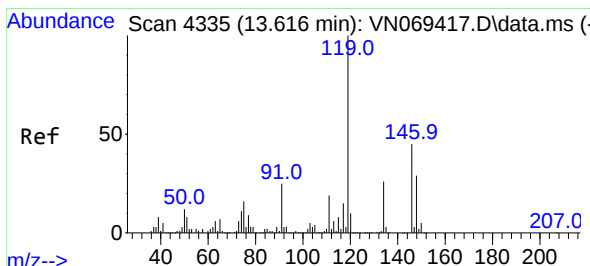
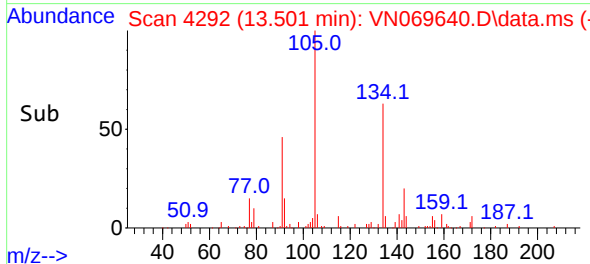
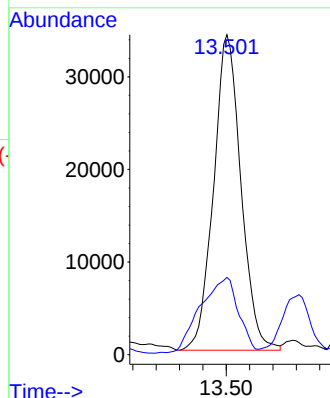
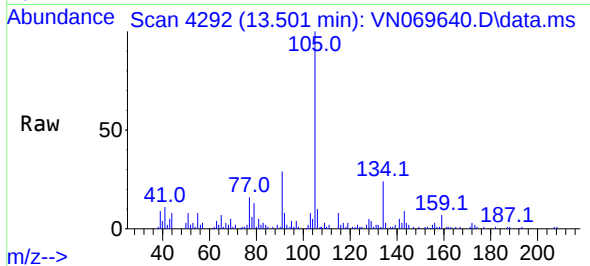
#85
 sec-Butylbenzene
 Concen: 0.537 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069640.D
 Acq: 24 Nov 2021 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Tgt Ion:105 Resp: 55464
 Ion Ratio Lower Upper
 105 100
 134 33.5 10.4 31.1

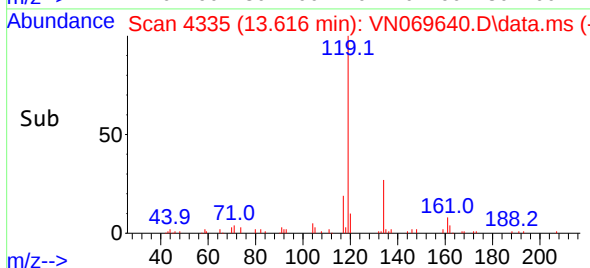
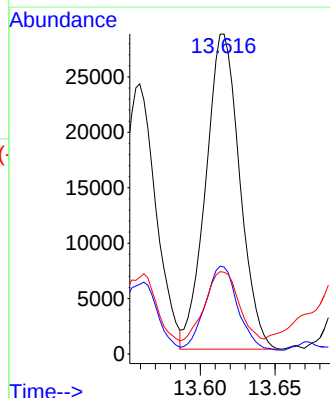
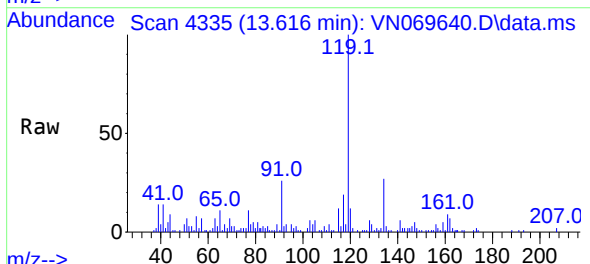
Manual Integrations
 APPROVED

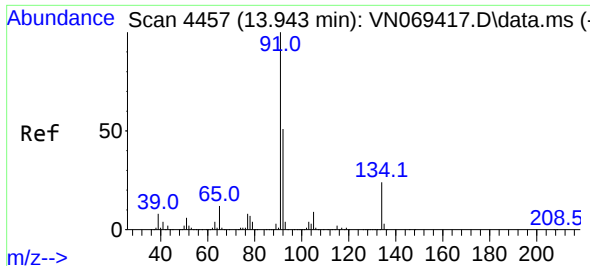
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#86
 p-Isopropyltoluene
 Concen: 0.549 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069640.D
 Acq: 24 Nov 2021 14:16

Tgt Ion:119 Resp: 44992
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 21.5 11.4 34.1





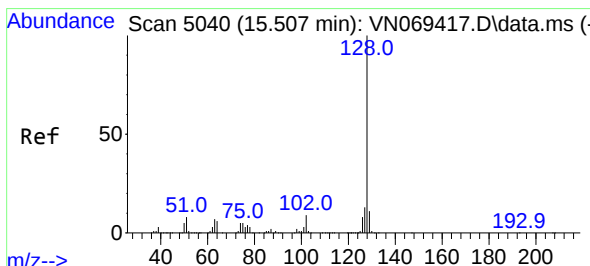
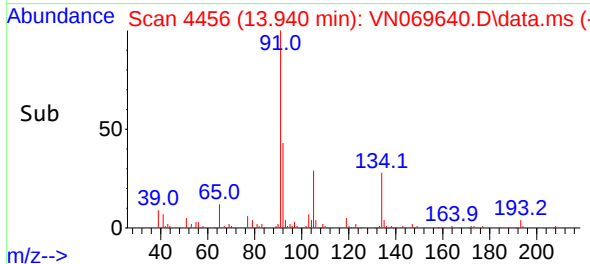
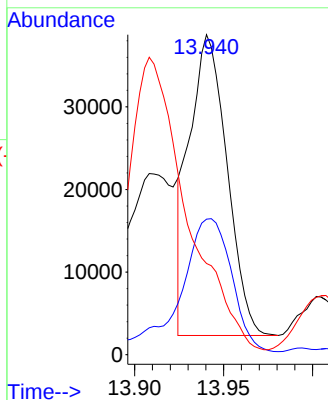
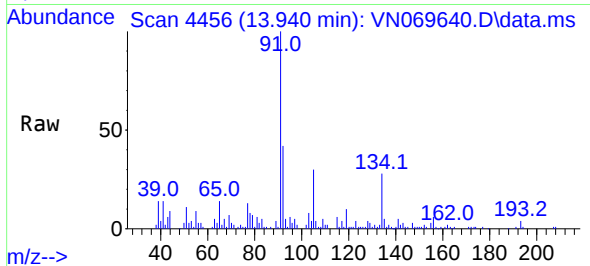
#89
n-Butylbenzene
Concen: 0.783 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 91 Resp: 5352
Ion Ratio Lower Upper
91 100
92 59.6 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 14.833 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069640.D
Acq: 24 Nov 2021 14:16

Tgt Ion:128 Resp: 662944
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 9.6 8.7 13.1

