

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069666.D
 Acq On : 29 Nov 2021 16:11
 Operator : JC/MD
 Sample : M4852-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 04:17:51 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	1447273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2479493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2560355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1255910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1019426	48.579	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.160%		
35) Dibromofluoromethane	8.021	113	719074	48.354	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.700%		
50) Toluene-d8	10.440	98	3354003	57.346	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	114.700%		
62) 4-Bromofluorobenzene	12.731	95	1322788	61.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.140%		
Target Compounds					Qvalue	
16) Acetone	4.293	43	54508	4.814	ug/l	100
25) 2-Butanone	7.343	43	43207	2.818	ug/l #	75
31) Cyclohexane	8.094	56	4111897	143.427	ug/l	88
39) Methylcyclohexane	9.462	83	8190017	315.564	ug/l	91
40) Benzene	8.461	78	210566	3.270	ug/l	100
67) Ethyl Benzene	11.843	91	2392555	27.221	ug/l	97
68) m/p-Xylenes	11.956	106	2329740	72.069	ug/l	93
69) o-Xylene	12.278	106	97515	3.026	ug/l	86
73) Isopropylbenzene	12.578	105	6176352	61.765	ug/l	99
78) n-propylbenzene	12.919	91	7788820	69.222	ug/l	96
80) 1,3,5-Trimethylbenzene	13.055	105	14950051	184.936	ug/l	99
83) tert-Butylbenzene	13.321	119	1030884	14.552	ug/l	94
84) 1,2,4-Trimethylbenzene	13.353	105	22485917m	288.127	ug/l	
85) sec-Butylbenzene	13.501	105	2217701	22.410	ug/l	78
86) p-Isopropyltoluene	13.613	119	734737	9.353	ug/l	97
89) n-Butylbenzene	13.940	91	902252	13.773	ug/l #	67
95) Naphthalene	15.504	128	4992129	86.021	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	31067	4.709	ug/l #	83

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

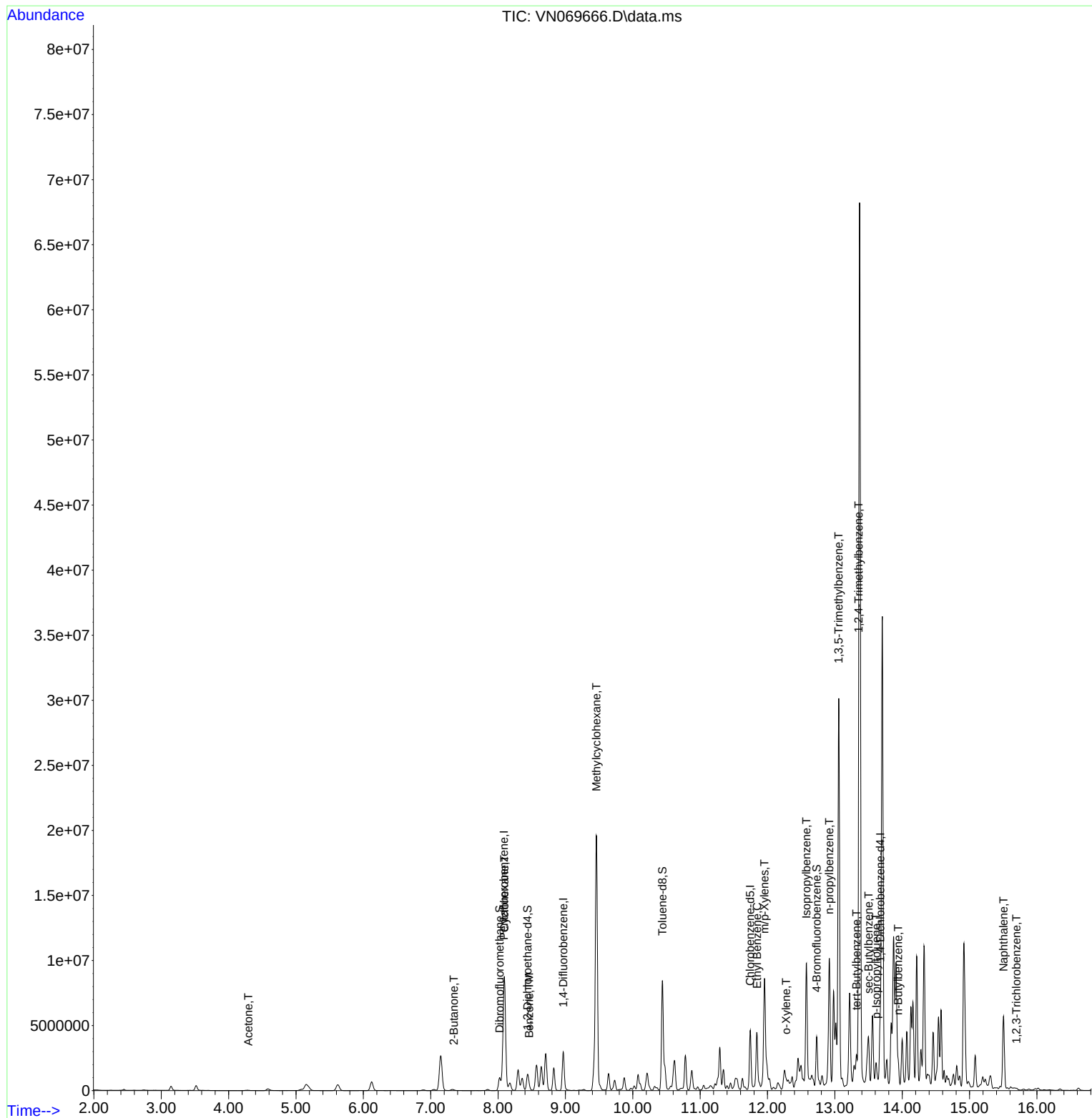
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
Data File : VN069666.D
Acq On : 29 Nov 2021 16:11
Operator : JC/MD
Sample : M4852-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

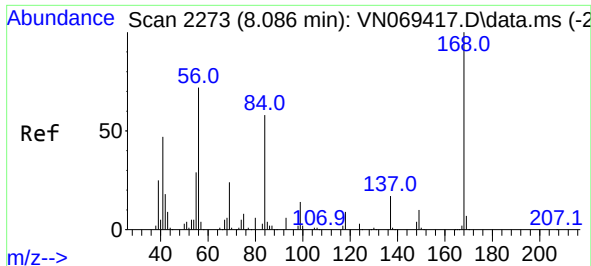
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations
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Supervised By :Mahesh Dadoda 12/01/2021

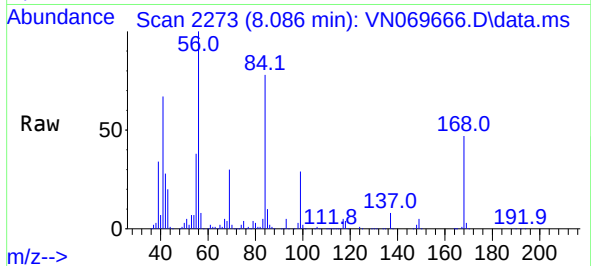
Quant Time: Nov 30 04:17:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

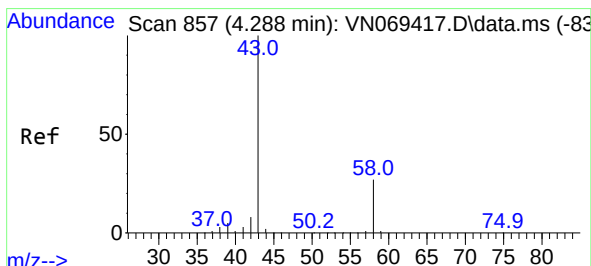
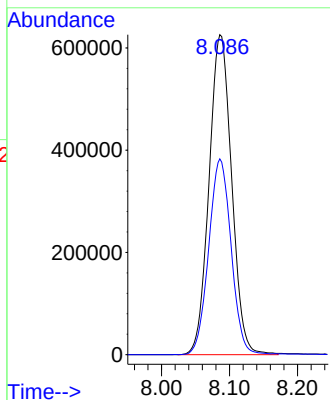
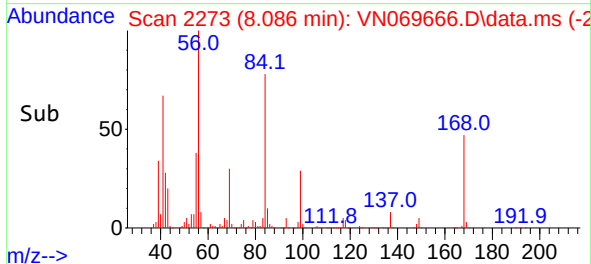
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 144727
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

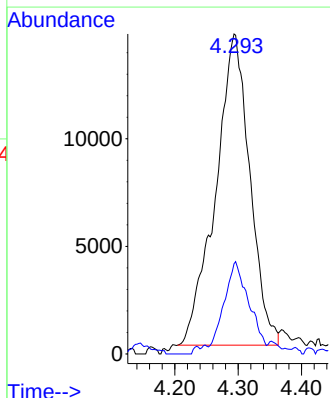
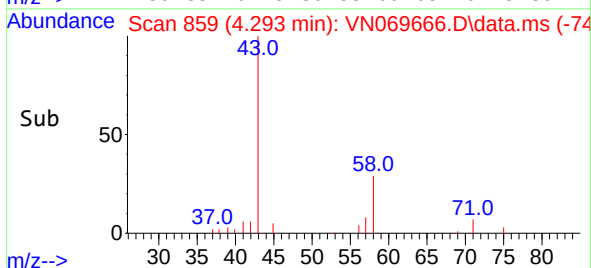
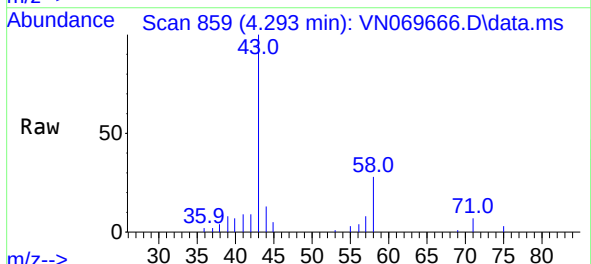
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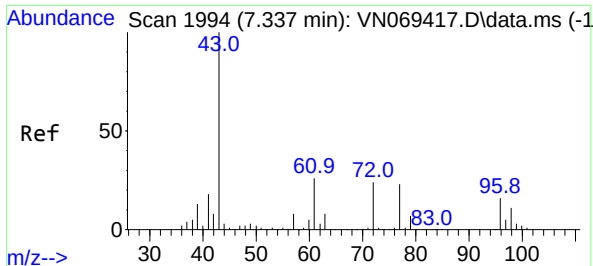
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 4.814 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

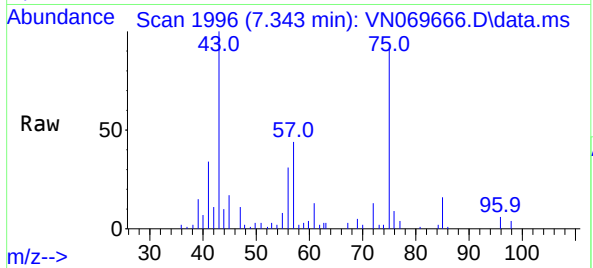
Tgt Ion: 43 Resp: 54508
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7





#25
2-Butanone
Concen: 2.818 ug/l
RT: 7.343 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

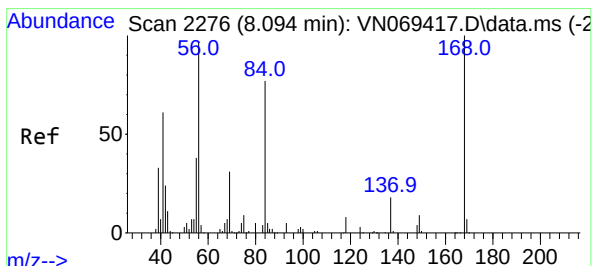
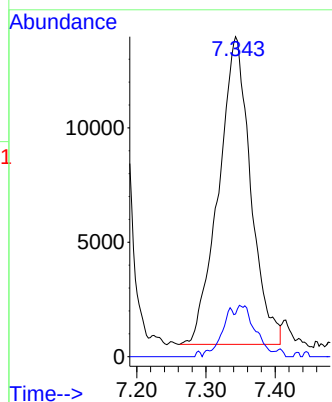
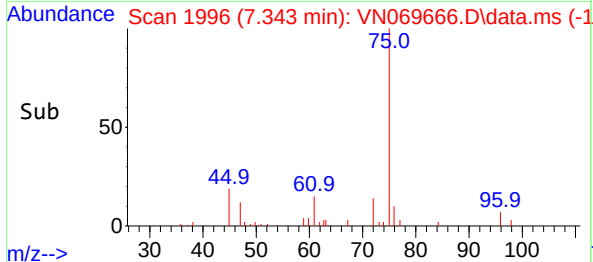
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 43 Resp: 4320
Ion Ratio Lower Upper
43 100
72 13.9 21.7 32.5

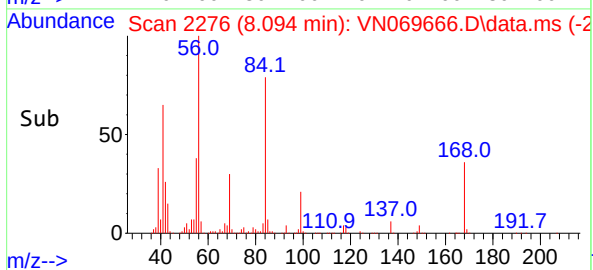
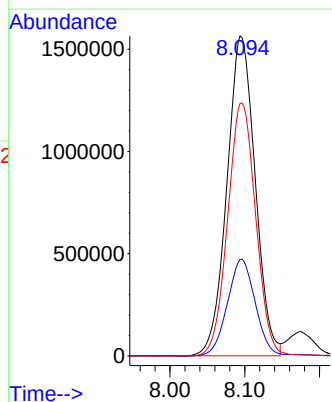
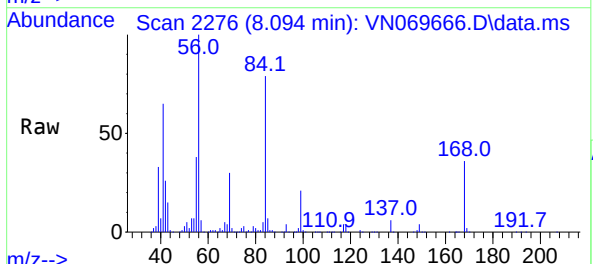
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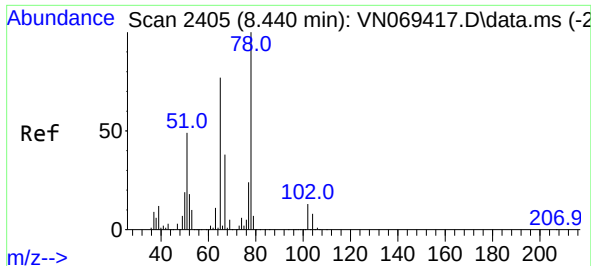
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#31
Cyclohexane
Concen: 143.427 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 56 Resp: 4111897
Ion Ratio Lower Upper
56 100
69 30.1 27.1 40.7
84 78.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069666.D

Acq: 29 Nov 2021 16:11

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tgt Ion: 65 Resp: 1019420

Ion Ratio Lower Upper

65 100

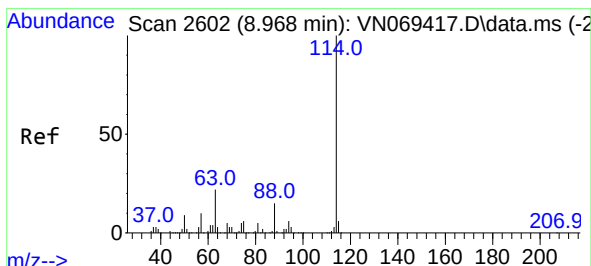
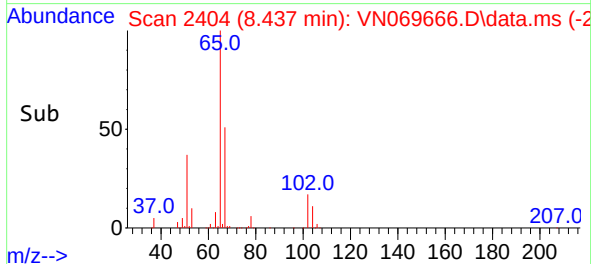
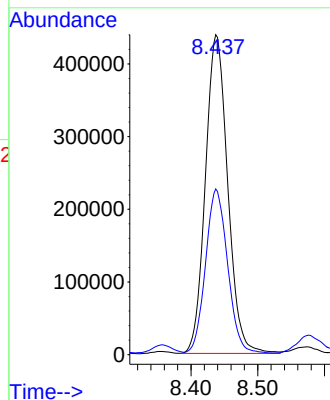
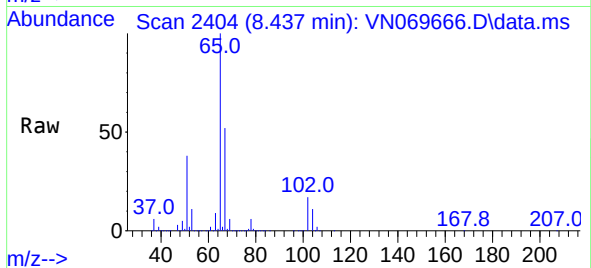
67 50.6 0.0 103.0

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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: VN069666.D

Acq: 29 Nov 2021 16:11

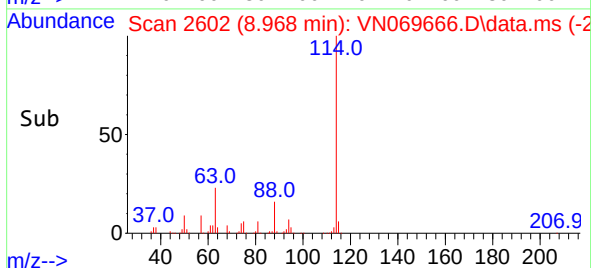
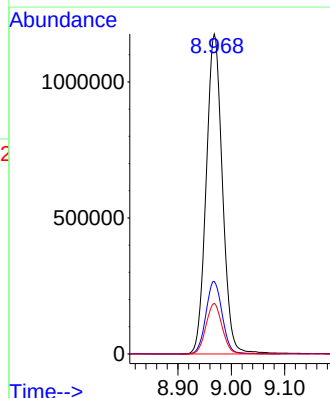
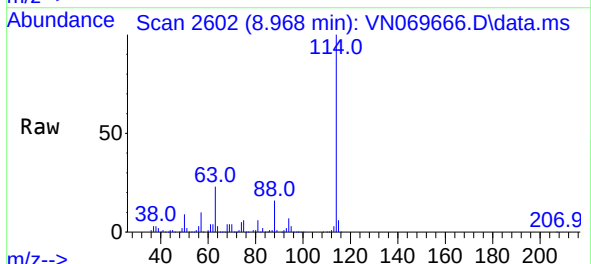
Tgt Ion:114 Resp: 2479493

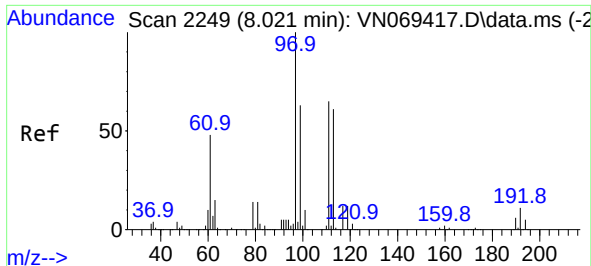
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

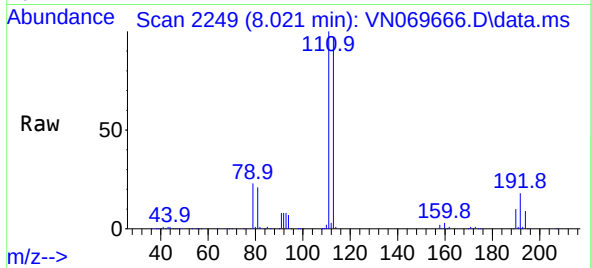
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

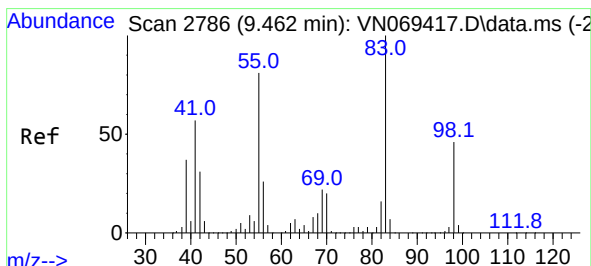
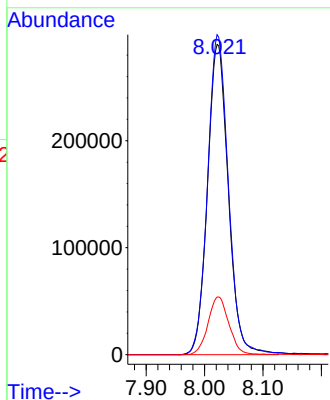
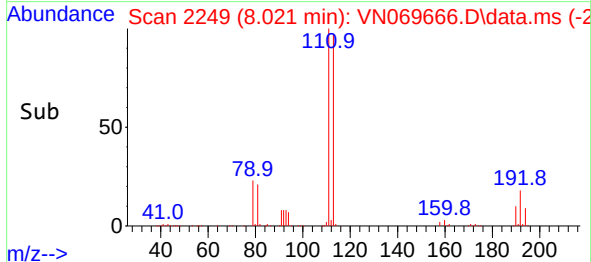
Instrument :
MSVOA_N
ClientSampleId :
MW-1



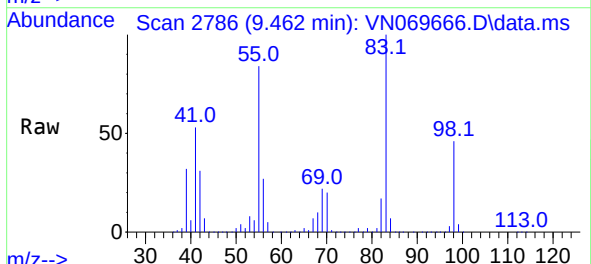
Tgt Ion: 113 Resp: 719074
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3

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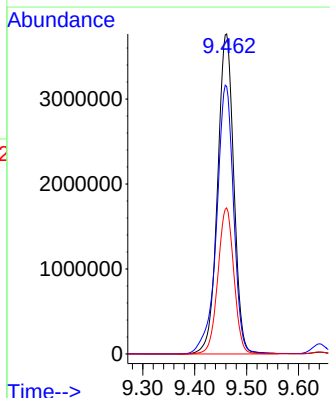
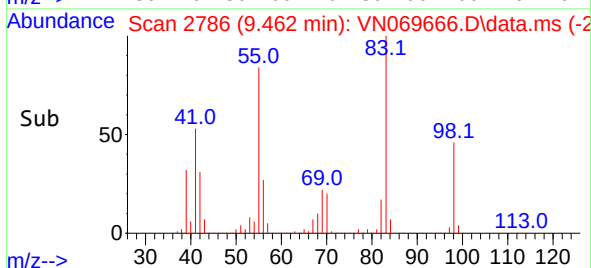
Reviewed By :John Carlone 11/30/2021
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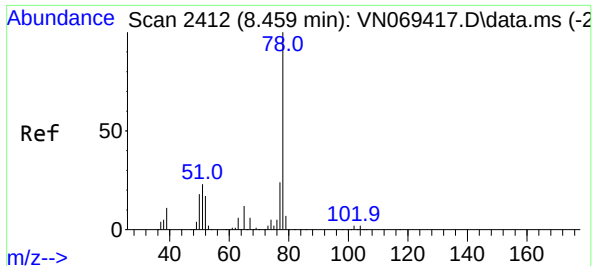


#39
Methylcyclohexane
Concen: 315.564 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion: 83 Resp: 8190017
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 45.7 38.4 57.6





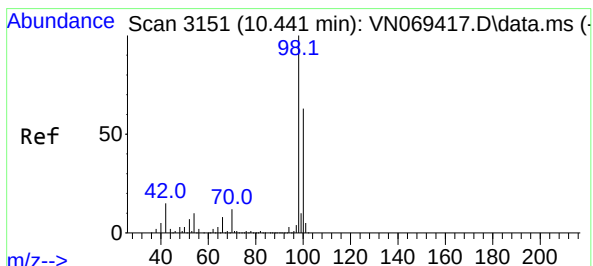
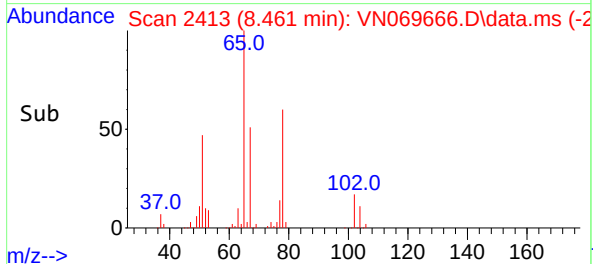
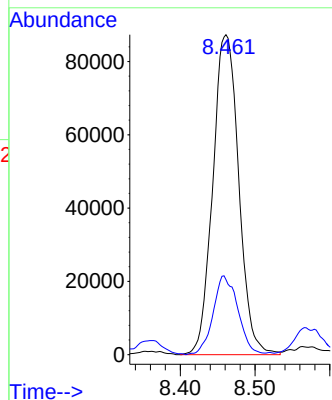
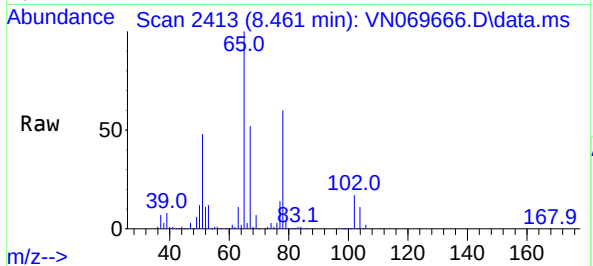
#40
Benzene
Concen: 3.270 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 78 Resp: 210560
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

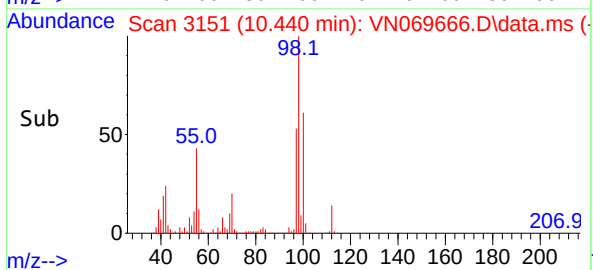
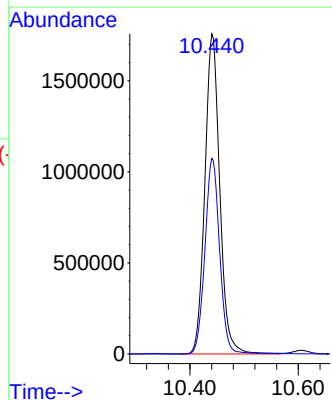
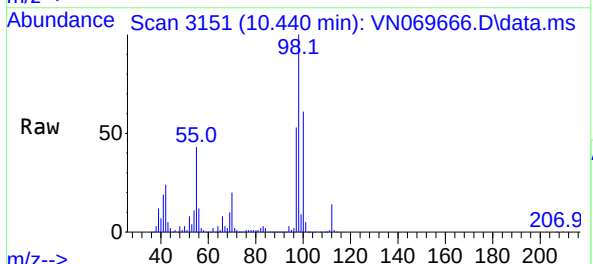
Manual Integrations
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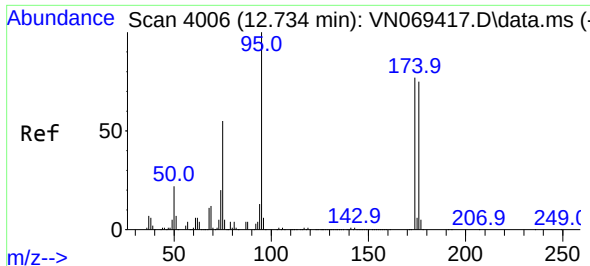
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 57.346 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

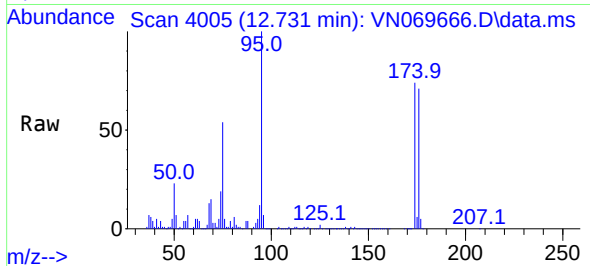
Tgt Ion: 98 Resp: 3354003
Ion Ratio Lower Upper
98 100
100 60.4 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 61.565 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1

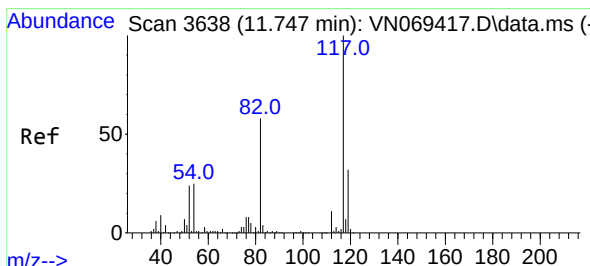
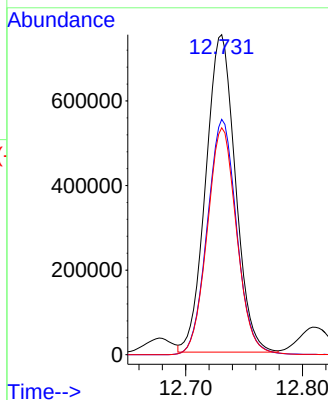
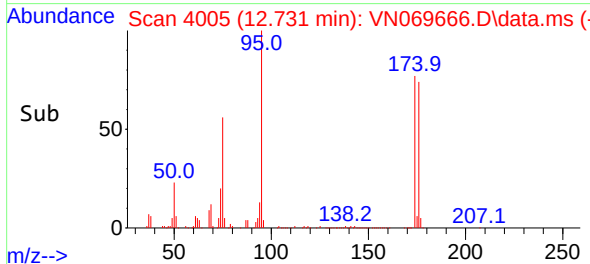


Tgt Ion: 95 Resp: 1322788

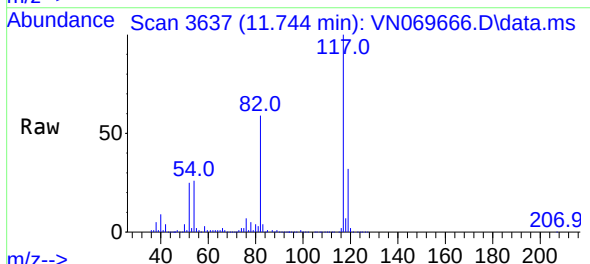
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	187.2
176	71.2	0.0	181.4

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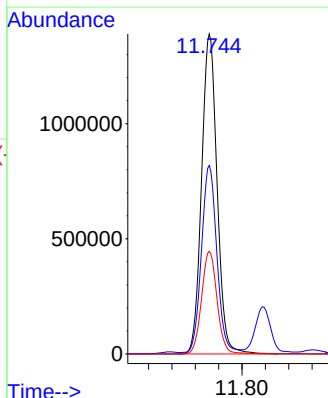
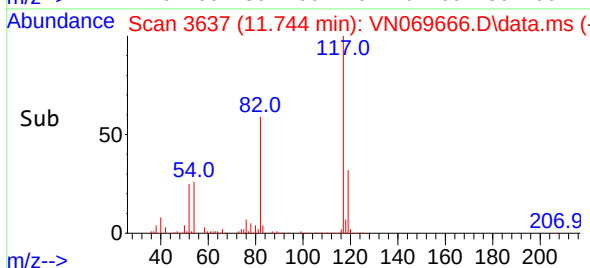


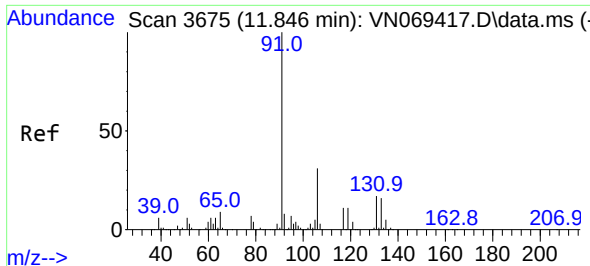
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion:117 Resp: 2560355

Ion	Ratio	Lower	Upper
117	100		
82	58.4	42.4	63.6
119	32.1	25.4	38.2





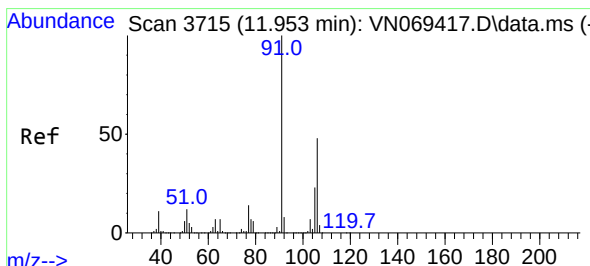
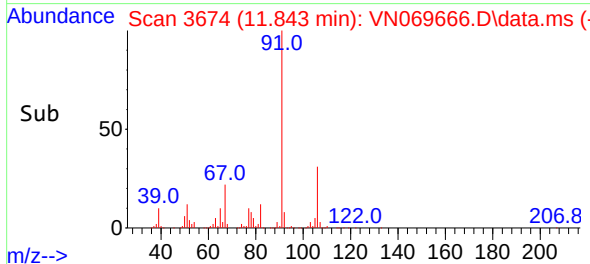
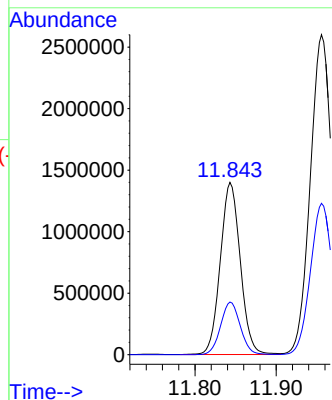
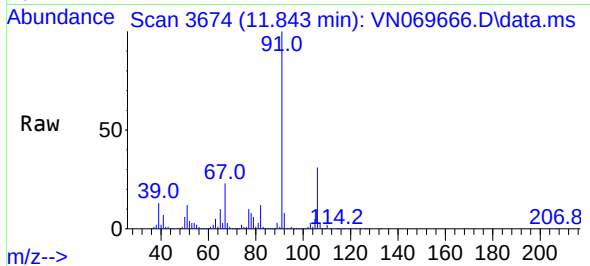
#67
Ethyl Benzene
Concen: 27.221 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
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Tgt Ion: 91 Resp: 239255
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

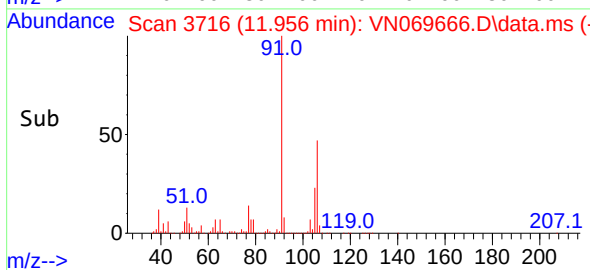
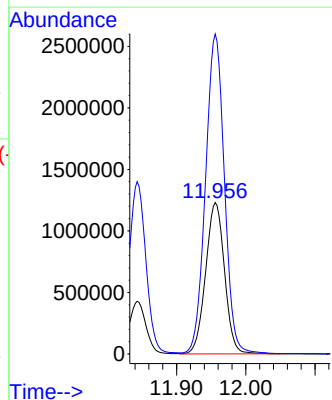
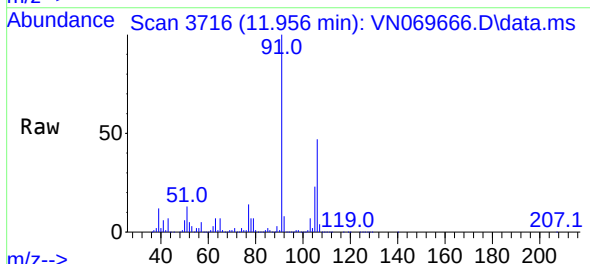
Manual Integrations
APPROVED

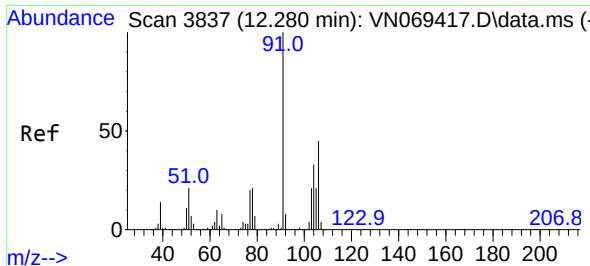
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 72.069 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion:106 Resp: 2329740
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





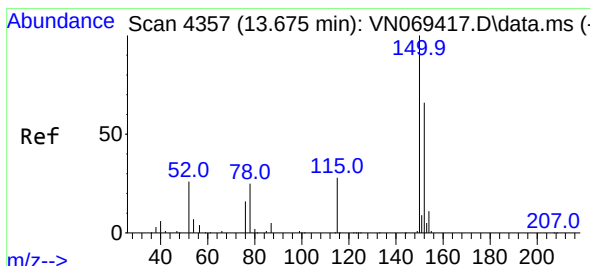
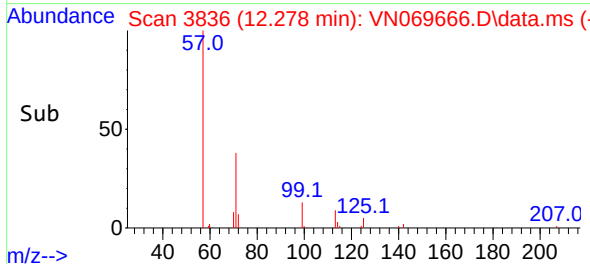
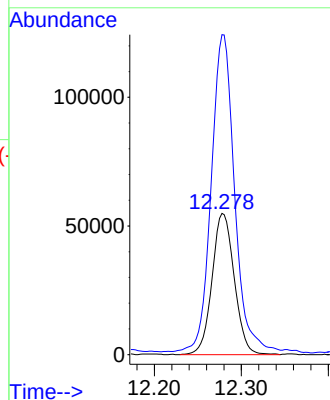
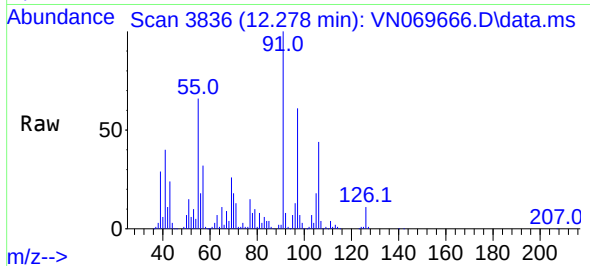
#69
o-Xylene
Concen: 3.026 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:106 Resp: 9751
Ion Ratio Lower Upper
106 100
91 233.3 105.8 317.3

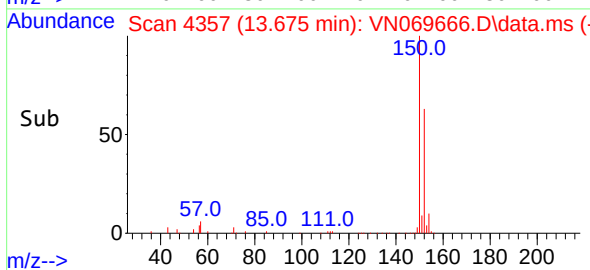
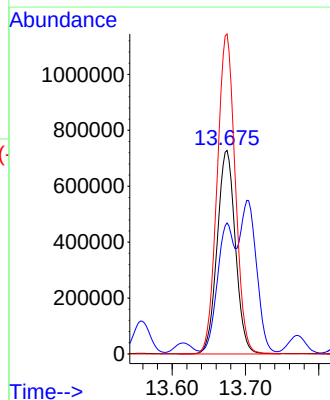
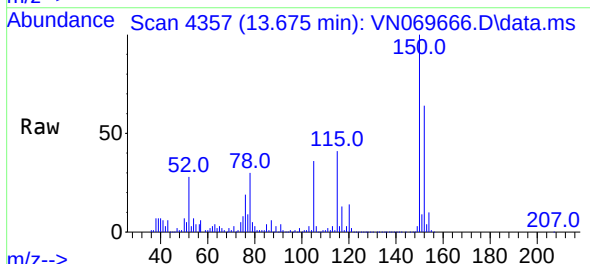
Manual Integrations
APPROVED

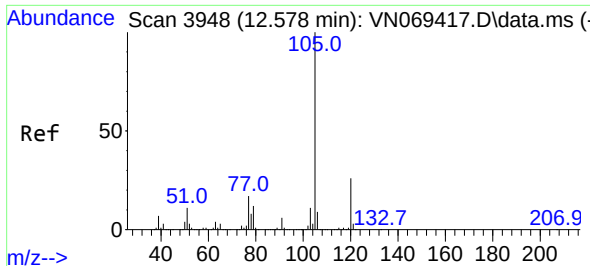
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

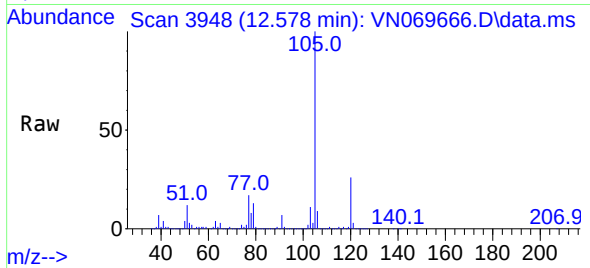
Tgt Ion:152 Resp: 1255910
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 156.4 0.0 344.4





#73
Isopropylbenzene
Concen: 61.765 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

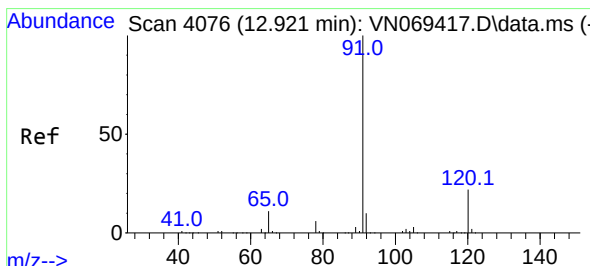
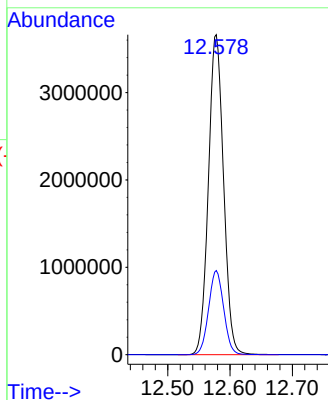
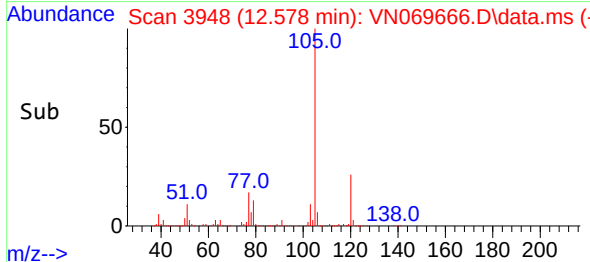
Instrument :
MSVOA_N
ClientSampleId :
MW-1



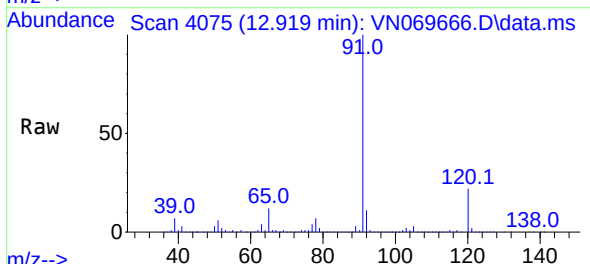
Tgt Ion:105 Resp: 6176352
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

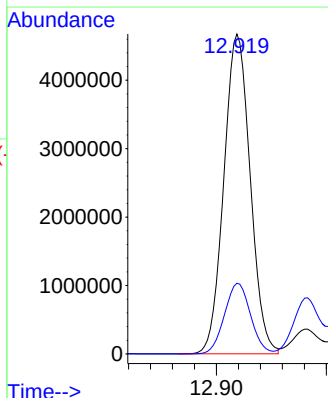
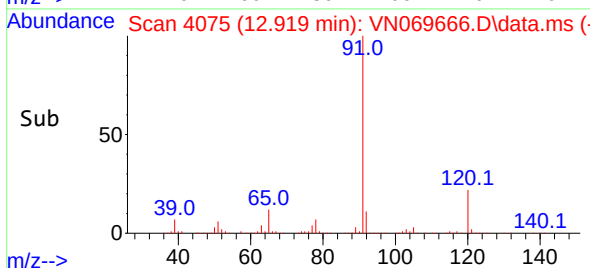
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

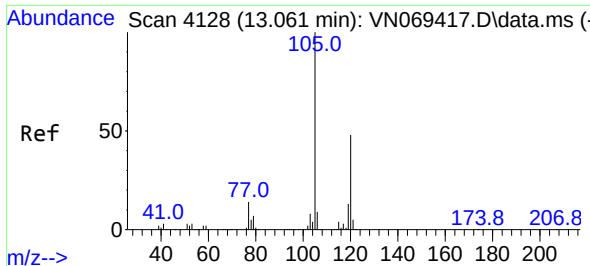


#78
n-propylbenzene
Concen: 69.222 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



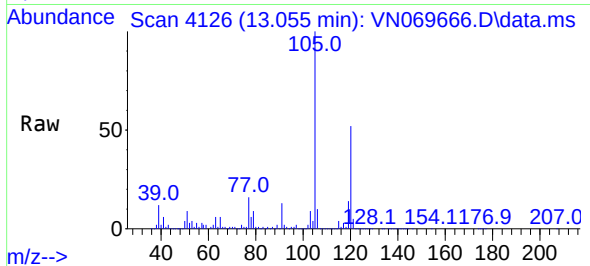
Tgt Ion: 91 Resp: 7788820
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#80
1,3,5-Trimethylbenzene
Concen: 184.936 ug/l
RT: 13.055 min Scan# 4128
Delta R.T. -0.006 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

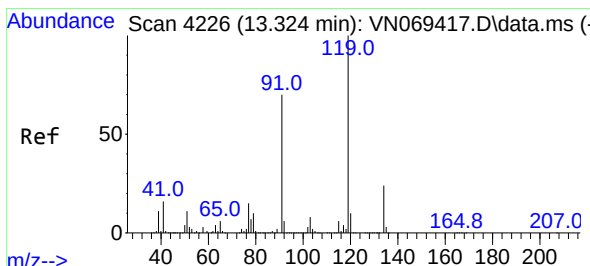
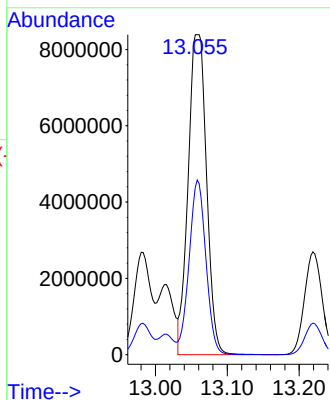
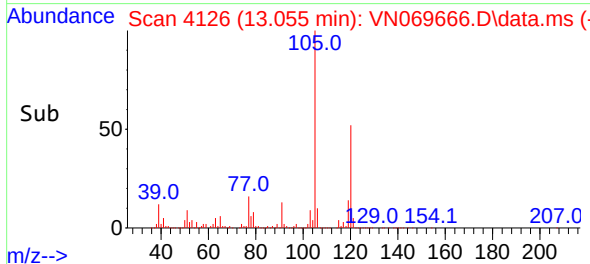
Instrument :
MSVOA_N
ClientSampleId :
MW-1



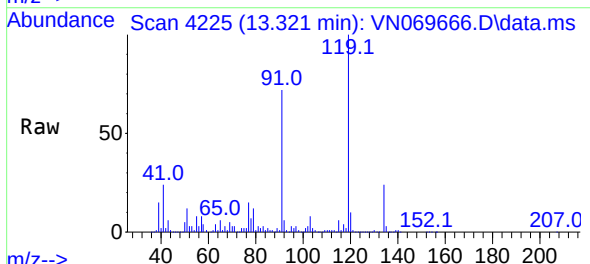
Tgt Ion:105 Resp:1495005
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.6

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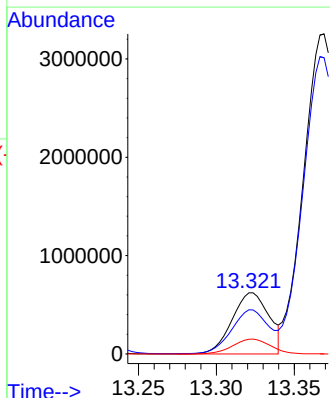
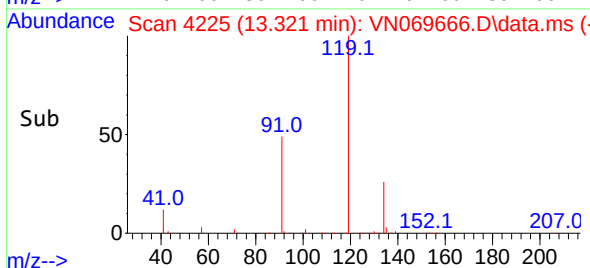
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

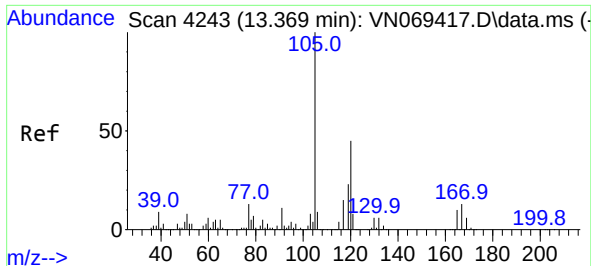


#83
tert-Butylbenzene
Concen: 14.552 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion:119 Resp: 1030884
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 24.6 12.4 37.4





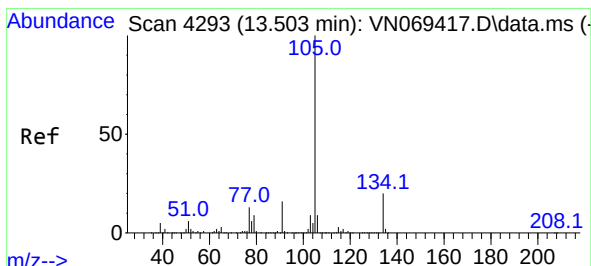
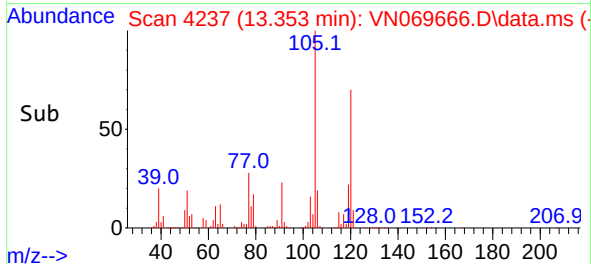
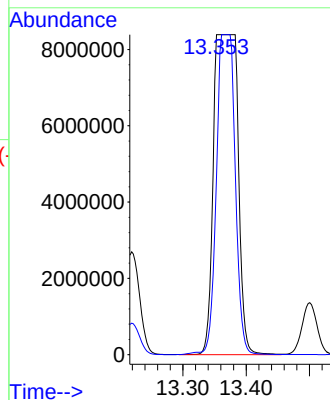
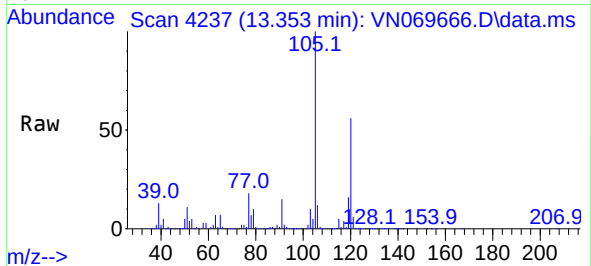
#84
1,2,4-Trimethylbenzene
Concen: 288.127 ug/l m
RT: 13.353 min Scan# 4237
Delta R.T. -0.016 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:105 Resp:2248591
Ion Ratio Lower Upper
105 100
120 6.1 22.8 68.4

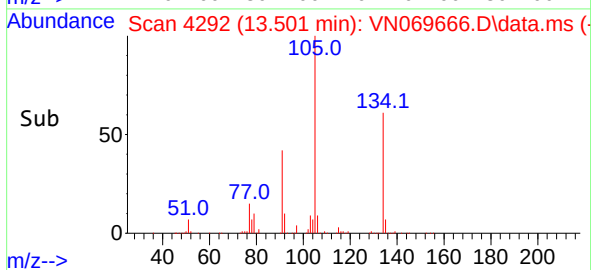
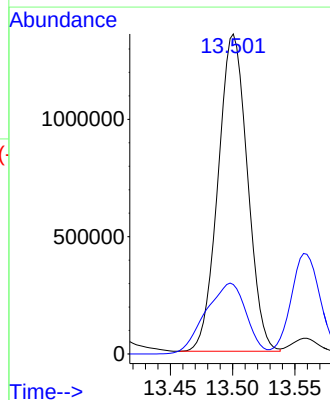
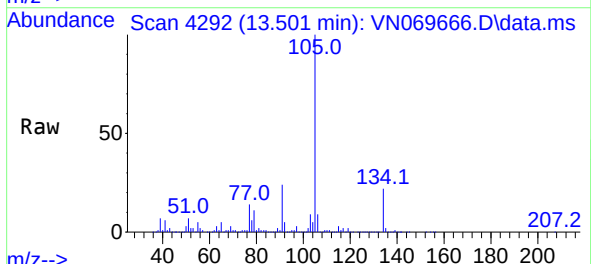
Manual Integrations
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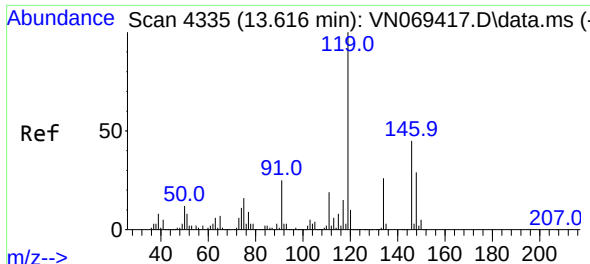
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#85
sec-Butylbenzene
Concen: 22.410 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Tgt Ion:105 Resp: 2217701
Ion Ratio Lower Upper
105 100
134 30.9 10.4 31.1





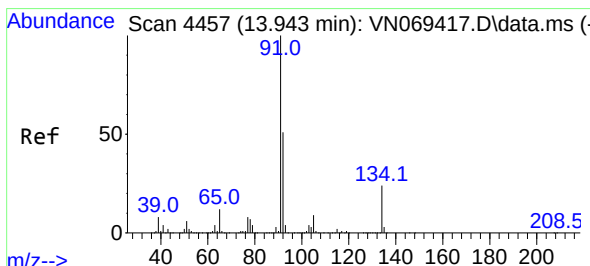
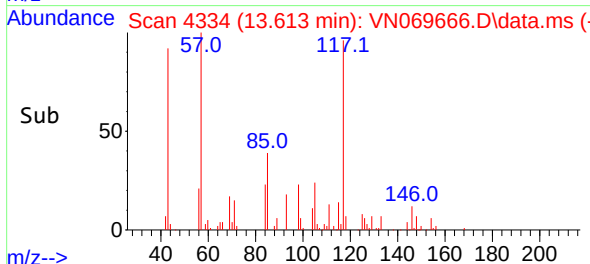
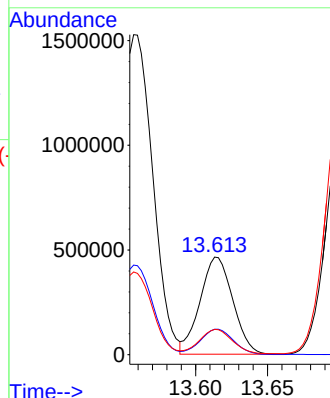
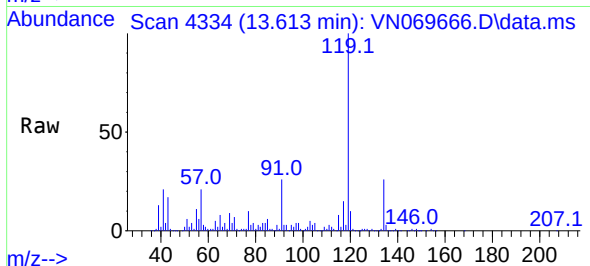
#86
p-Isopropyltoluene
Concen: 9.353 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:119 Resp: 73473
Ion Ratio Lower Upper
119 100
134 26.4 13.6 40.7
91 24.8 11.4 34.1

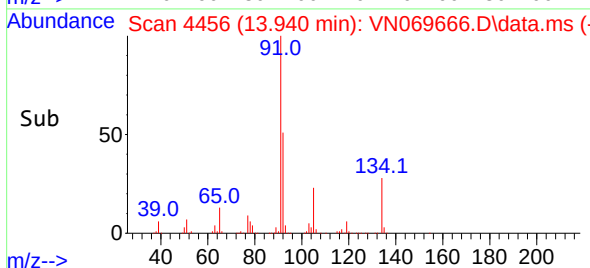
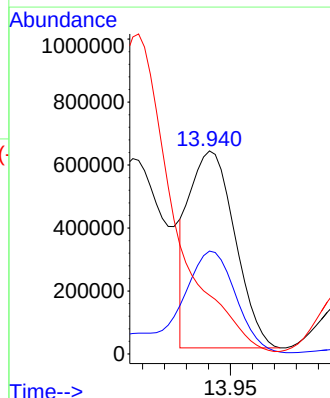
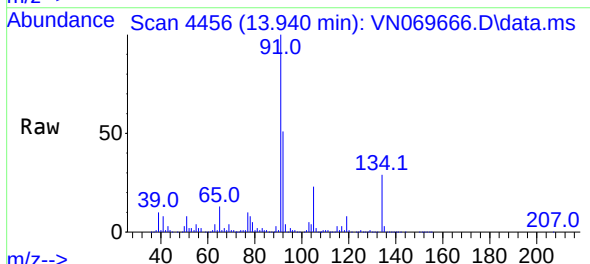
Manual Integrations
APPROVED

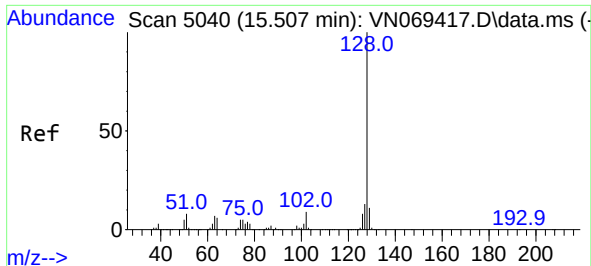
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#89
n-Butylbenzene
Concen: 13.773 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

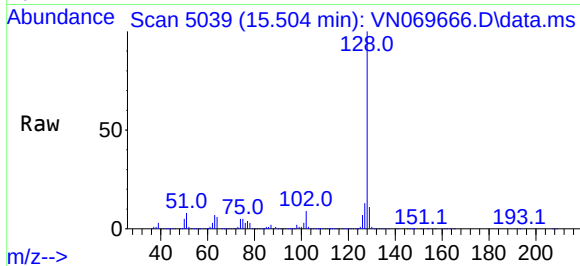
Tgt Ion: 91 Resp: 902252
Ion Ratio Lower Upper
91 100
92 66.6 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 86.021 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11

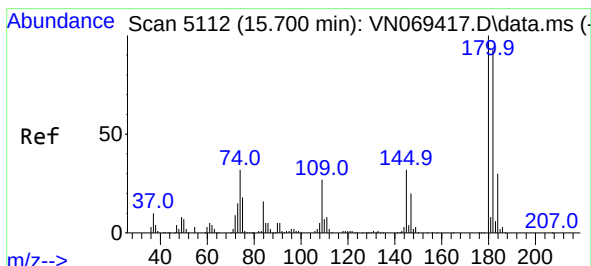
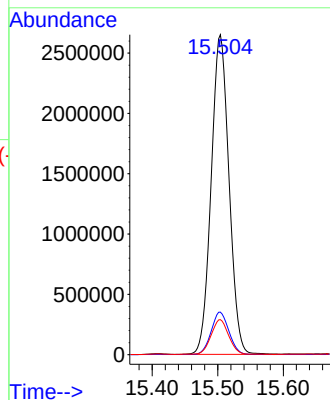
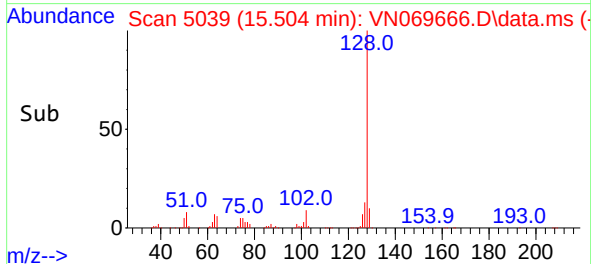
Instrument :
MSVOA_N
ClientSampleId :
MW-1



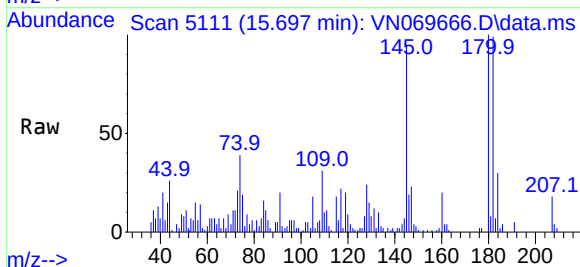
Tgt Ion:128 Resp: 4992129
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 4.709 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN069666.D
Acq: 29 Nov 2021 16:11



Tgt Ion:180 Resp: 31067
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 65.1 15.0 45.1#

