

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074263.D
 Acq On : 02 Sep 2022 00:28
 Operator : JC\MD
 Sample : N4376-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: Sep 02 05:43:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John
 Carlone 09/02/2022
 Supervised By : Mahesh
 Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	212508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	409433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	400380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	172096	52.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	7.951	113	130125	48.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.680%			
50) Toluene-d8	10.381	98	500221	47.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.669	95	209444	65.641	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 131.280%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.287	59	620720	856.975	ug/l	100
16) Acetone	4.222	43	32956	14.961	ug/l	96
19) Methyl tert-butyl Ether	5.540	73	189117	20.520	ug/l #	1
22) Diisopropyl ether	6.416	45	62924	5.559	ug/l #	69
25) 2-Butanone	7.269	43	19090	5.417	ug/l #	77
31) Cyclohexane	8.022	56	256694	47.128	ug/l	89
39) Methylcyclohexane	9.398	83	130387	25.694	ug/l	94
40) Benzene	8.392	78	12847536	946.532	ug/l	100
52) Toluene	10.445	92	590550	73.815	ug/l	99
67) Ethyl Benzene	11.786	91	9718849	601.108	ug/l	99
68) m/p-Xylenes	11.898	106	4159889	692.590	ug/l	94
69) o-Xylene	12.222	106	2230345	372.670	ug/l	95
73) Isopropylbenzene	12.522	105	578357	31.896	ug/l	99
78) n-propylbenzene	12.857	91	1754123	84.868	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	1165225	79.015	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	7291164	512.294	ug/l	98
85) sec-Butylbenzene	13.439	105	86680m	4.899	ug/l	
86) p-Isopropyltoluene	13.557	119	43088	3.129	ug/l #	77
89) n-Butylbenzene	13.880	91	82744	6.900	ug/l #	77
95) Naphthalene	15.433	128	3192795	195.302	ug/l	100

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

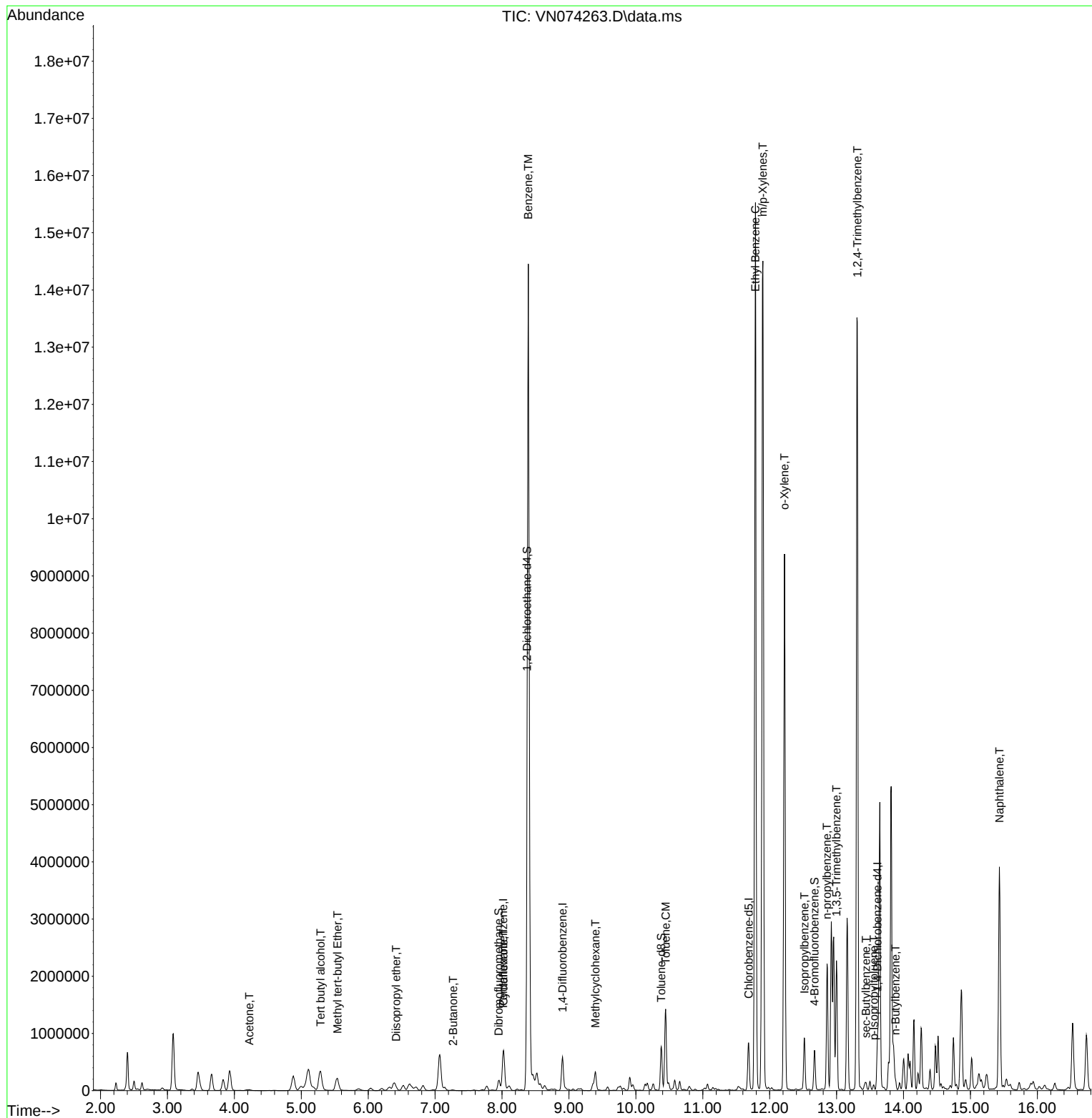
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
Data File : VN074263.D
Acq On : 02 Sep 2022 00:28
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Quant Time: Sep 02 05:43:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

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APPROVED

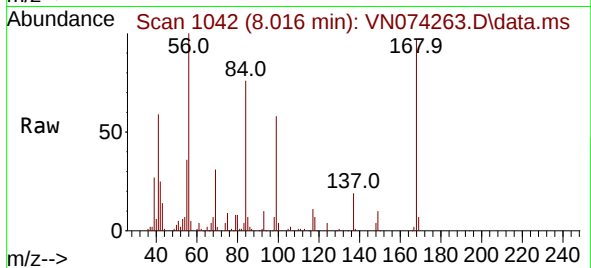
Reviewed By :John
Carlone 09/02/2022
Supervised By :Mahesh
Dadoda 09/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

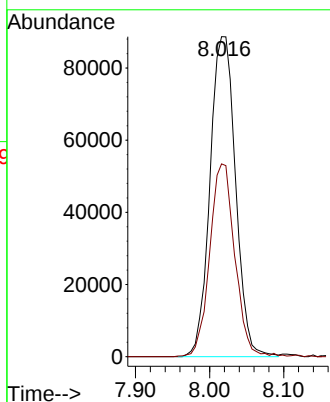
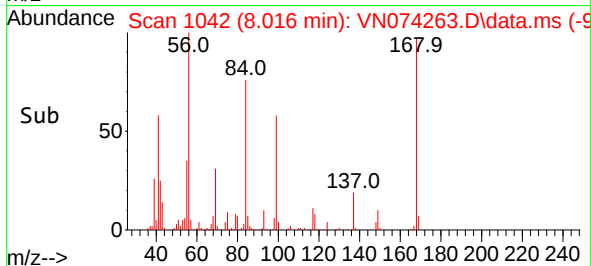
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion:168 Resp: 212508
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5

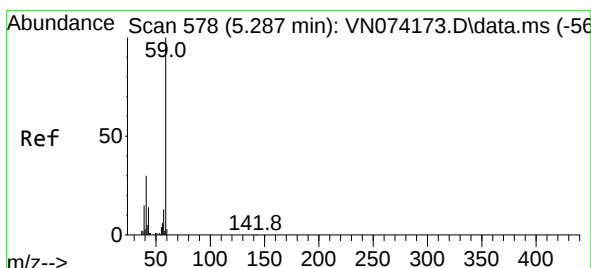
Manual Integrations
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Reviewed By :John
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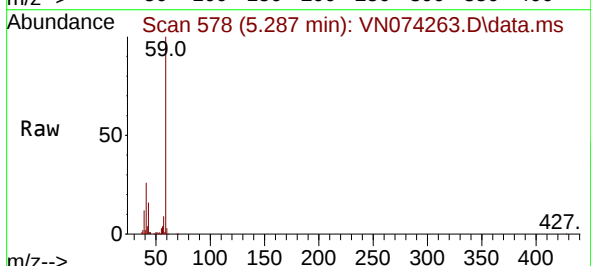


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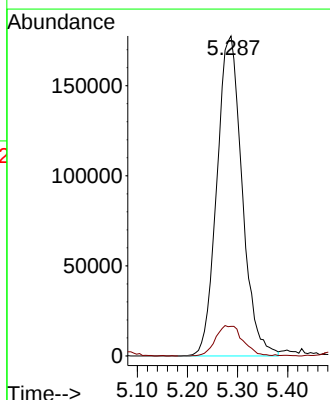
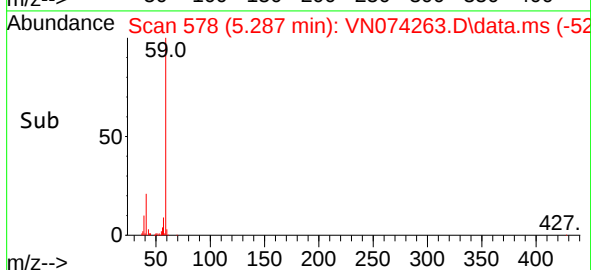
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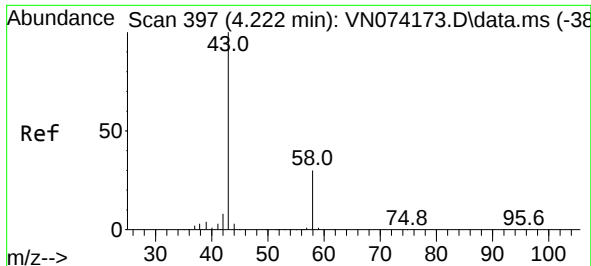


#11
Tert butyl alcohol
Concen: 856.975 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



Tgt Ion: 59 Resp: 620720
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5





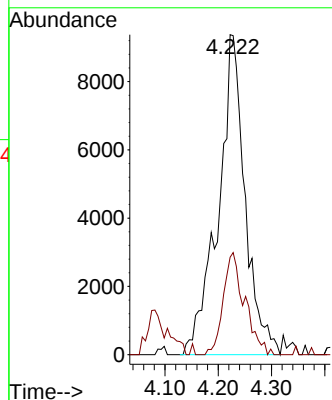
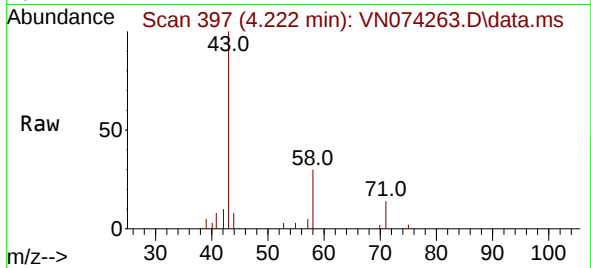
#16
Acetone
Concen: 14.961 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Tgt Ion: 43 Resp: 32950
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0

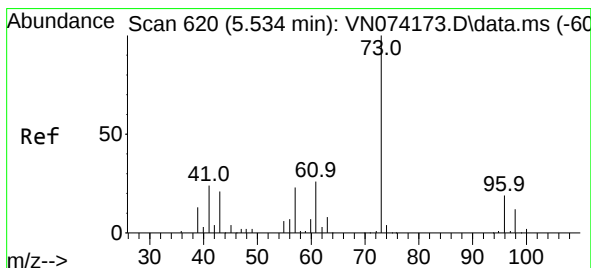
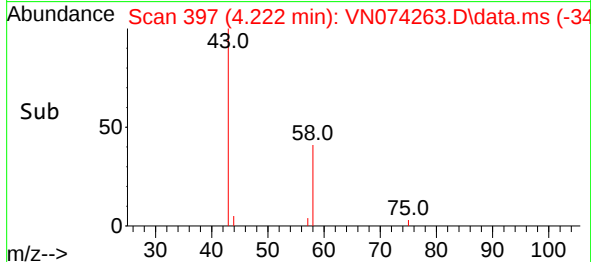
Manual Integrations
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Reviewed By :John
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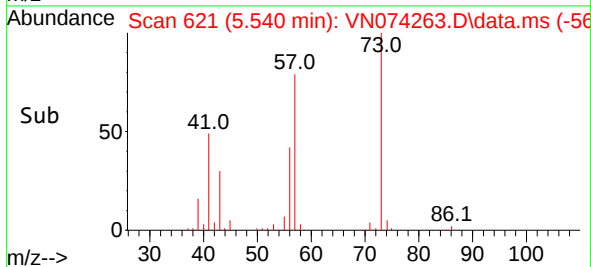
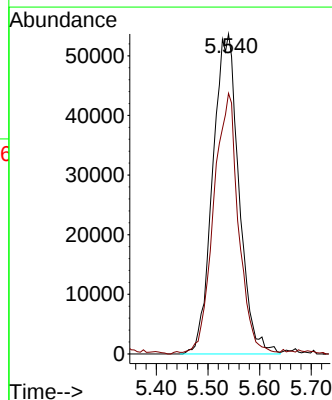
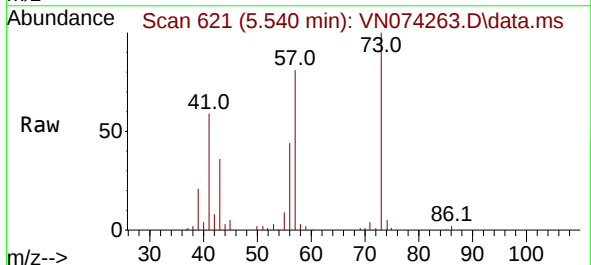
09/02/2022
Supervised By :Mahesh
Dadoda

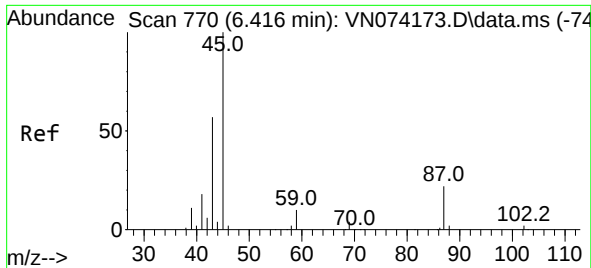
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#19
Methyl tert-butyl Ether
Concen: 20.520 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

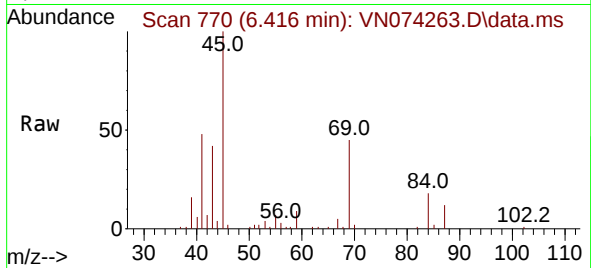
Tgt Ion: 73 Resp: 189117
Ion Ratio Lower Upper
73 100
57 81.0 17.6 26.4#





#22
Diisopropyl ether
Concen: 5.559 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

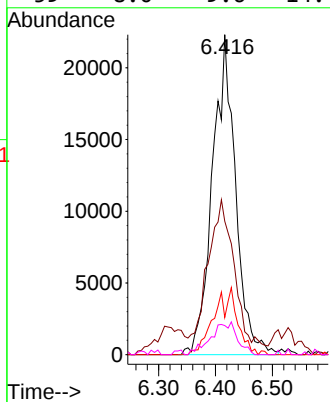
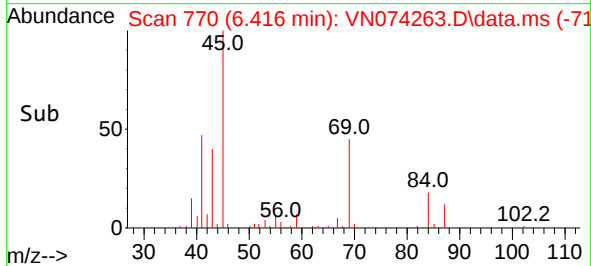
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion: 45 Resp: 62924
Ion Ratio Lower Upper
45 100
43 33.9 46.6 70.0
87 11.6 24.3 36.5
59 8.0 9.6 14.4#

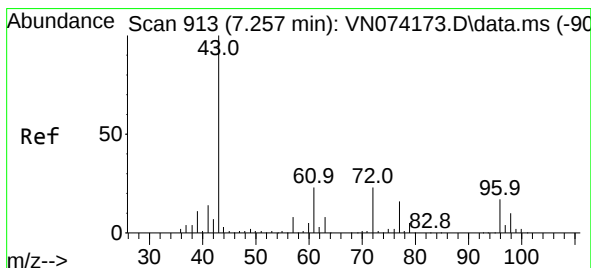
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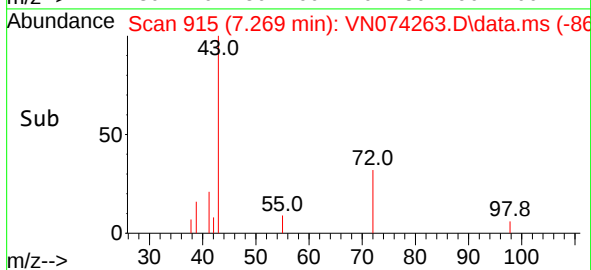
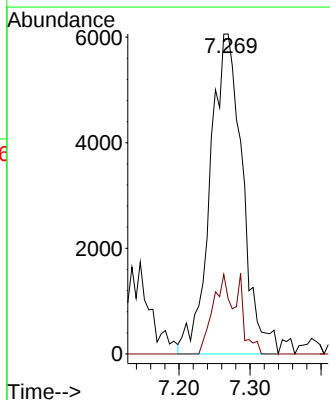
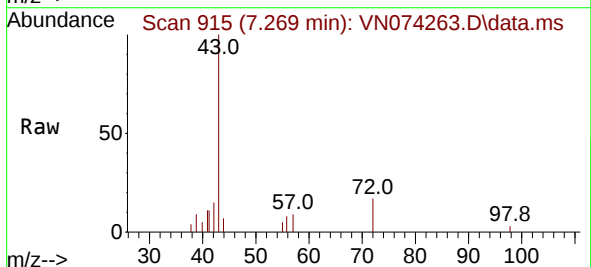
09/02/2022
Supervised By :Mahesh
Dadoda

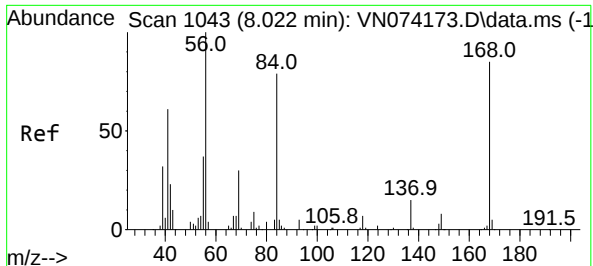
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#25
2-Butanone
Concen: 5.417 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

Tgt Ion: 43 Resp: 19090
Ion Ratio Lower Upper
43 100
72 17.3 23.7 35.5#





#31

Cyclohexane

Concen: 47.128 ug/l

RT: 8.022 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN074263.D

Acq: 02 Sep 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

MW-38

Tgt Ion: 56 Resp: 256694

Ion Ratio Lower Upper

56 100

69 30.3 27.8 41.8

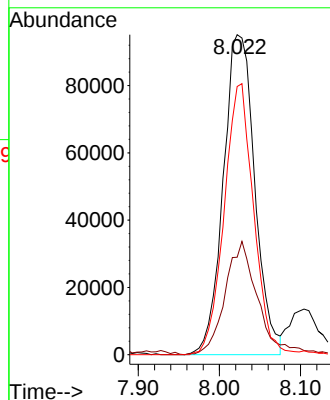
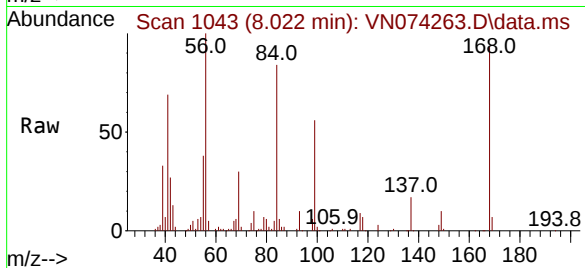
84 83.8 76.9 115.3

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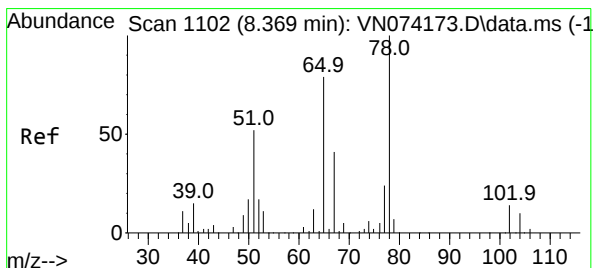
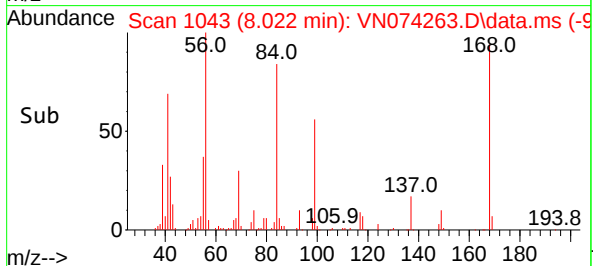


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#33

1,2-Dichloroethane-d4

Concen: 52.205 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074263.D

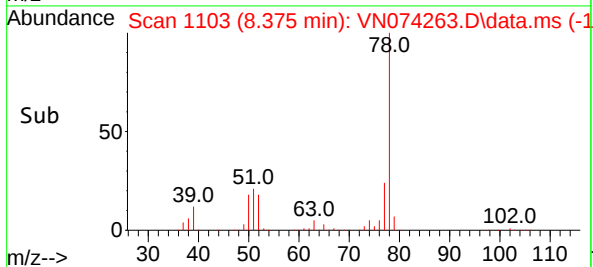
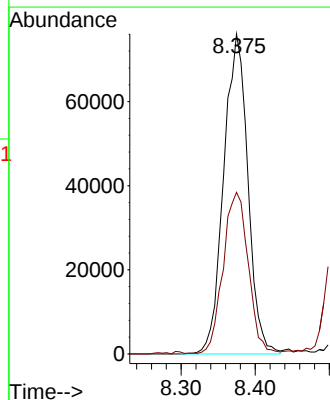
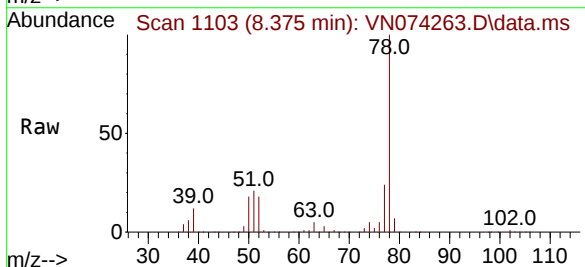
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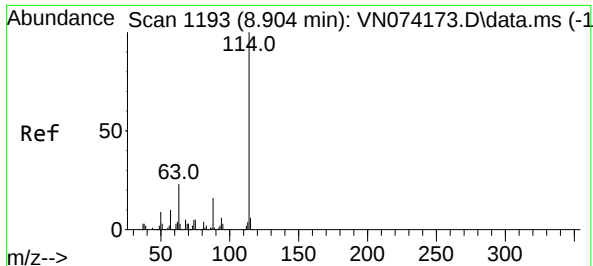
Tgt Ion: 65 Resp: 172096

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074263.D

Acq: 02 Sep 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

MW-38

Tgt Ion:114 Resp: 40943

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

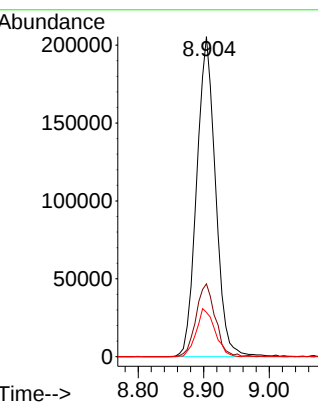
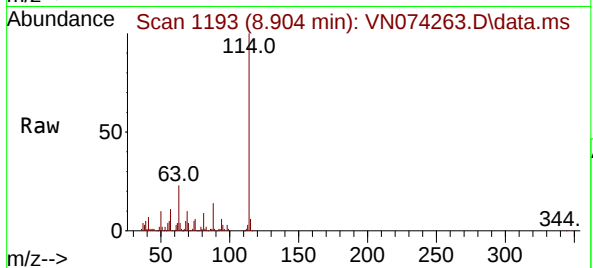
88 13.8 0.0 32.6

Manual Integrations

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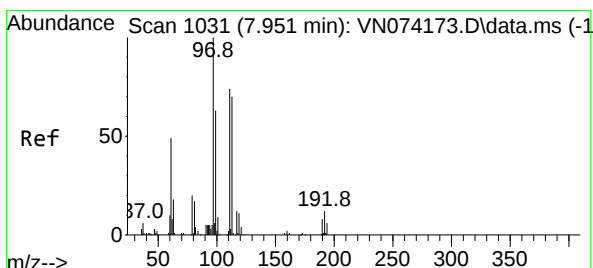
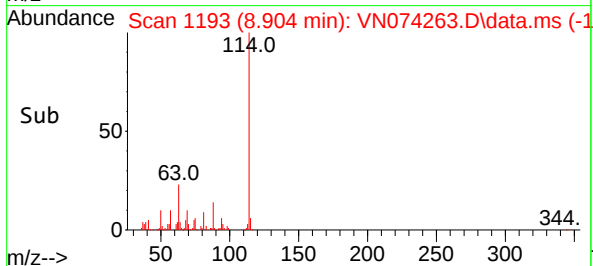


09/02/2022

Supervised By :Mahesh

Dadoda

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#35

Dibromofluoromethane

Concen: 48.841 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074263.D

Acq: 02 Sep 2022 00:28

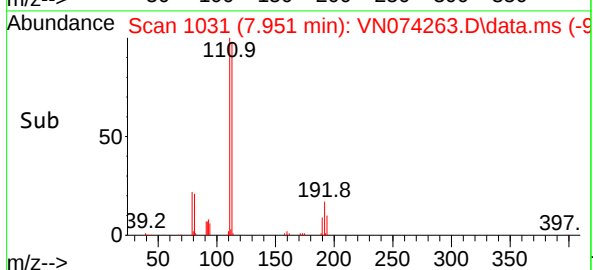
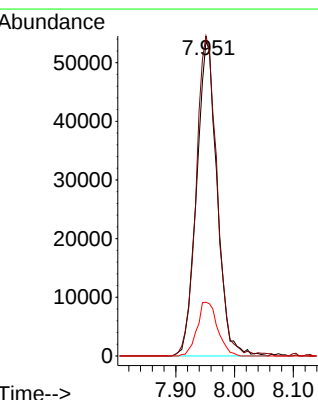
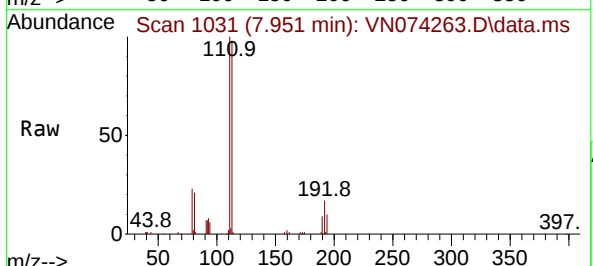
Tgt Ion:113 Resp: 130125

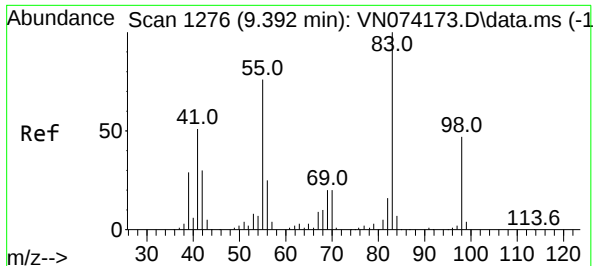
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.0 17.0 25.6#





#39

Methylcyclohexane

Concen: 25.694 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074263.D

Acq: 02 Sep 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

MW-38

Tgt Ion: 83 Resp: 13038

Ion Ratio Lower Upper

83 100

55 78.5 57.8 86.8

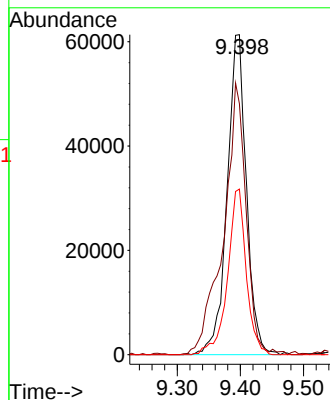
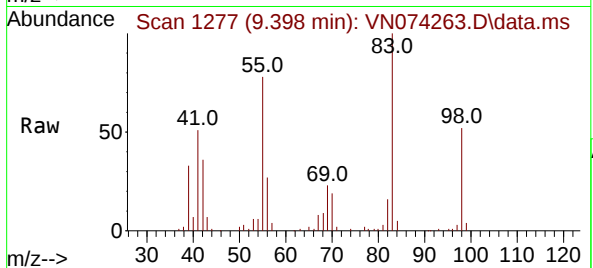
98 51.7 39.4 59.2

Manual Integrations

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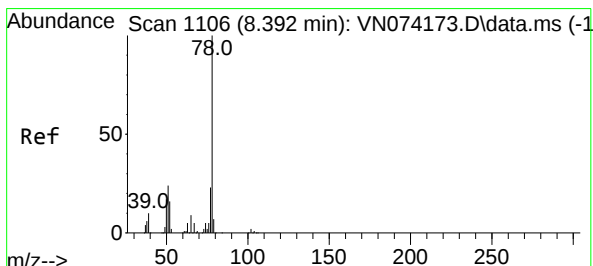
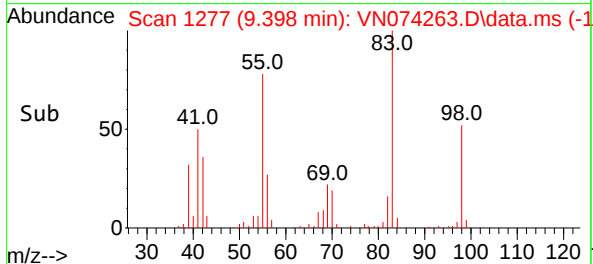


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Dadoda

09/02/2022



#40

Benzene

Concen: 946.532 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074263.D

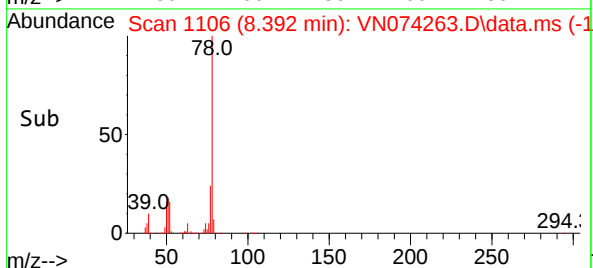
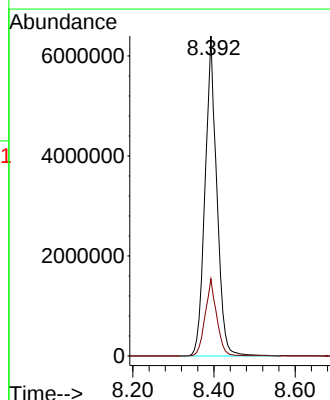
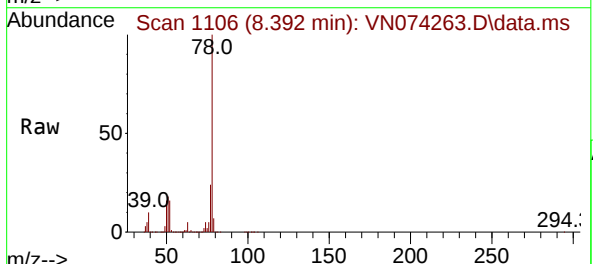
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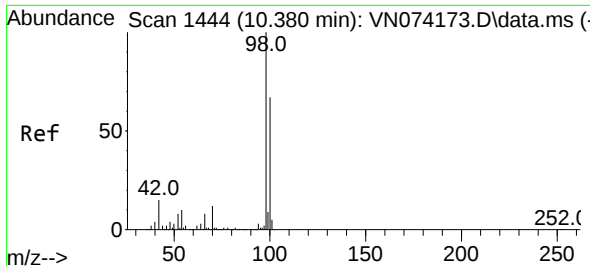
Tgt Ion: 78 Resp:12847536

Ion Ratio Lower Upper

78 100

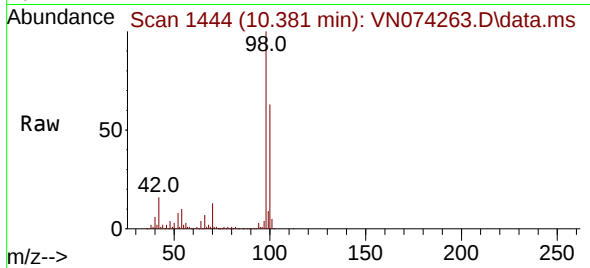
77 24.1 19.4 29.0





#50
Toluene-d8
Concen: 47.675 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

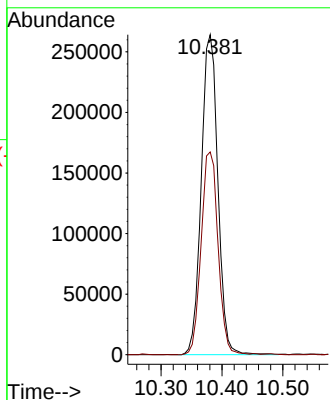
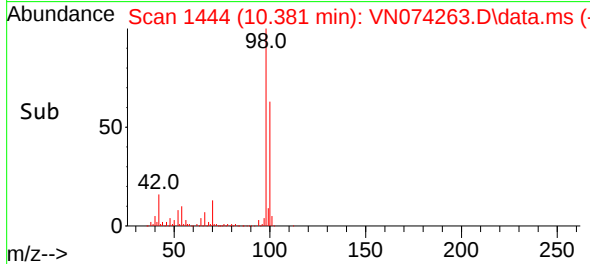
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion: 98 Resp: 50022
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

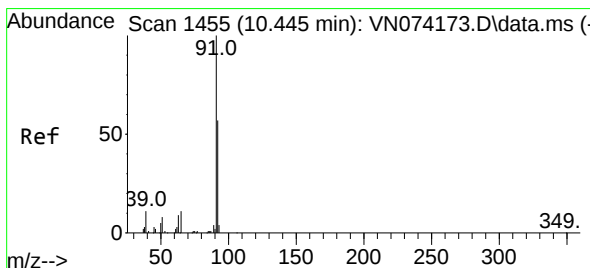
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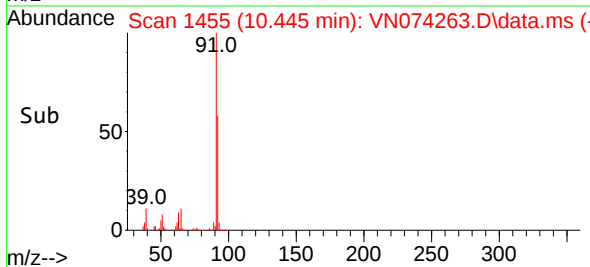
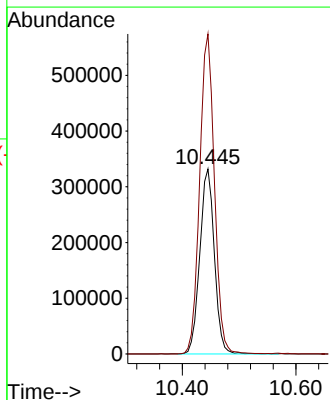
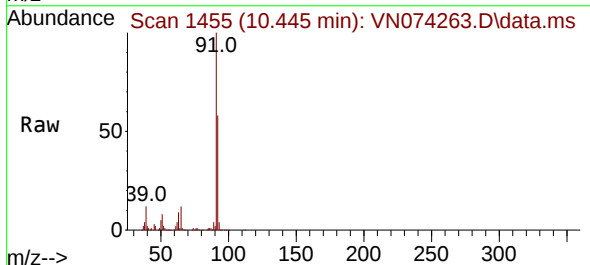
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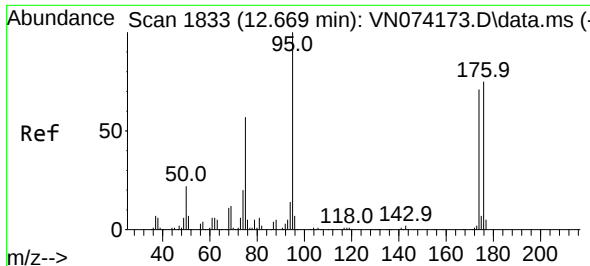
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#52
Toluene
Concen: 73.815 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

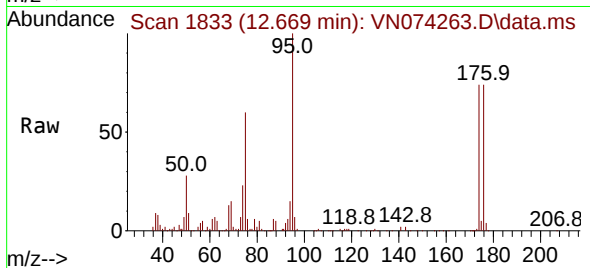
Tgt Ion: 92 Resp: 590550
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 65.641 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

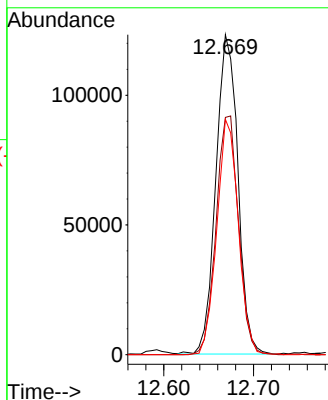
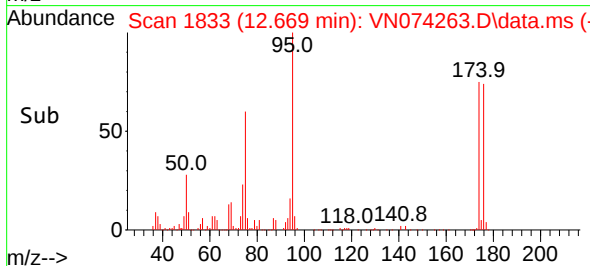
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion: 95 Resp: 20944
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 72.2 0.0 163.4

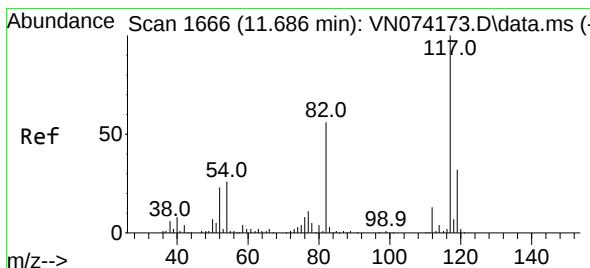
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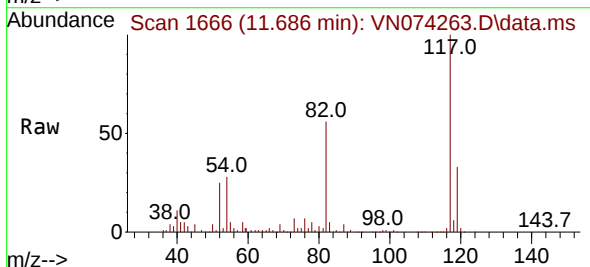


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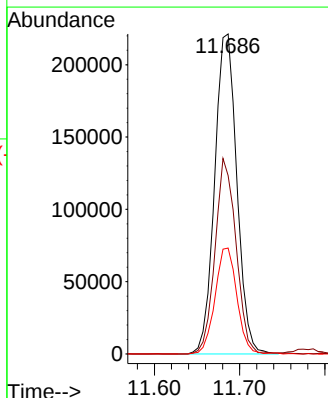
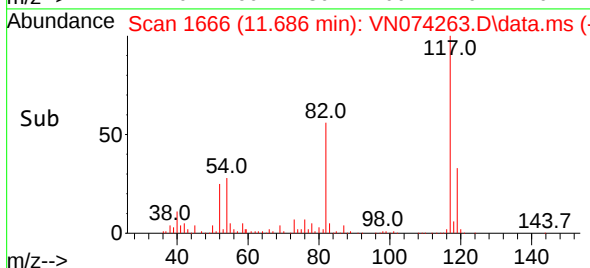
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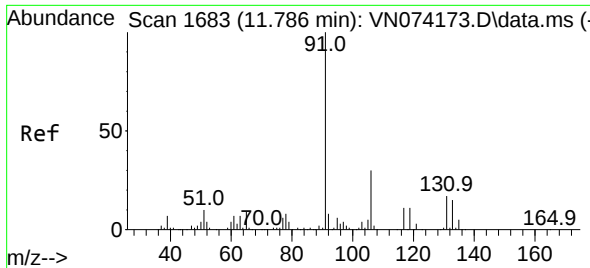


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



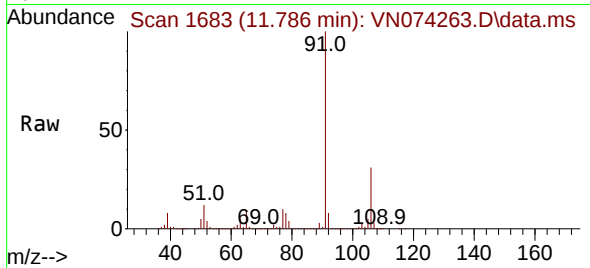
Tgt Ion:117 Resp: 400380
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 33.1 25.4 38.0





#67
Ethyl Benzene
Concen: 601.108 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

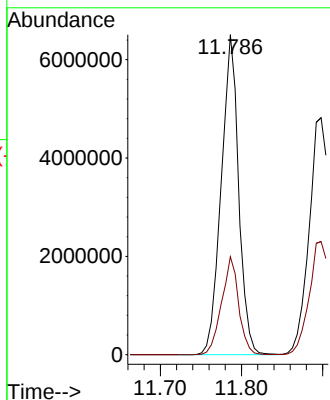
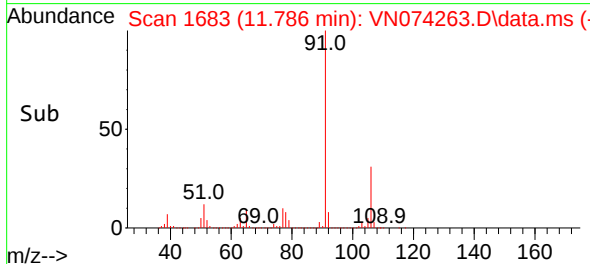
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion: 91 Resp: 9718849
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

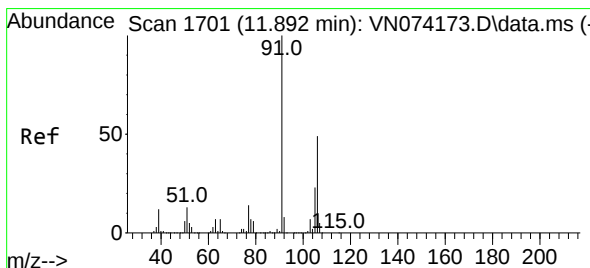
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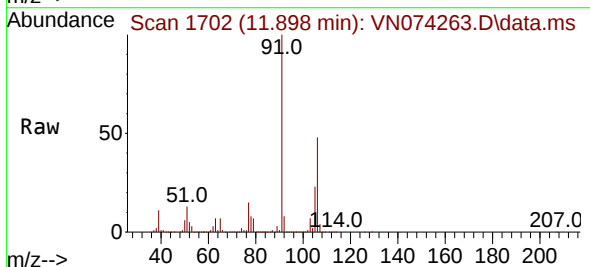


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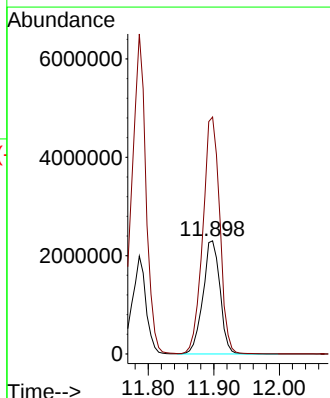
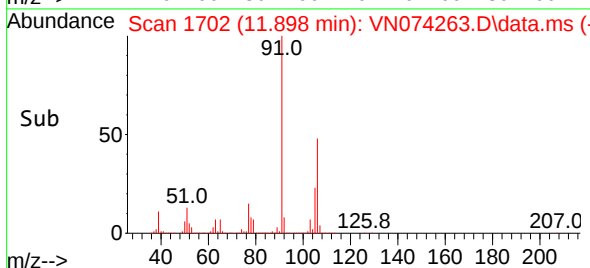
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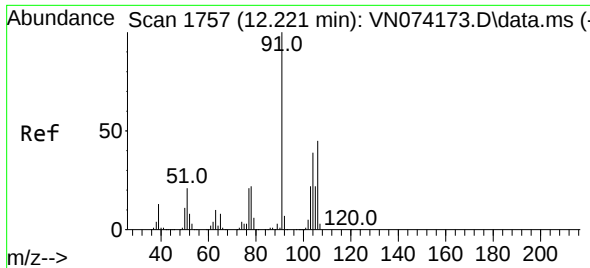


#68
m/p-Xylenes
Concen: 692.590 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



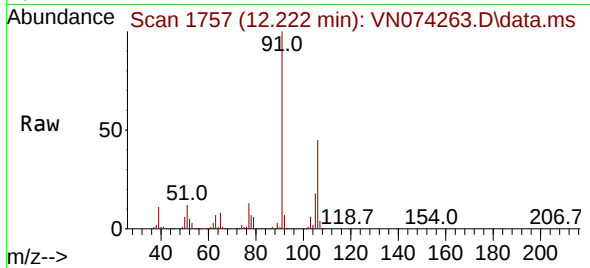
Tgt Ion:106 Resp: 4159889
Ion Ratio Lower Upper
106 100
91 208.3 158.9 238.3





#69
o-Xylene
Concen: 372.670 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

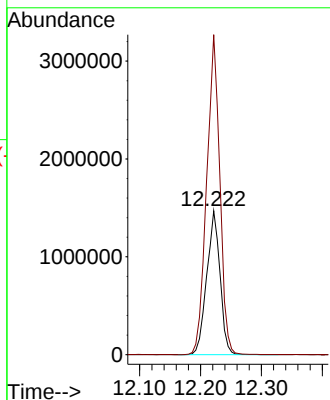
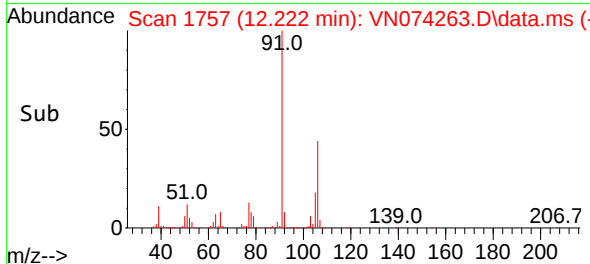
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion:106 Resp: 223034
Ion Ratio Lower Upper
106 100
91 220.3 106.0 318.0

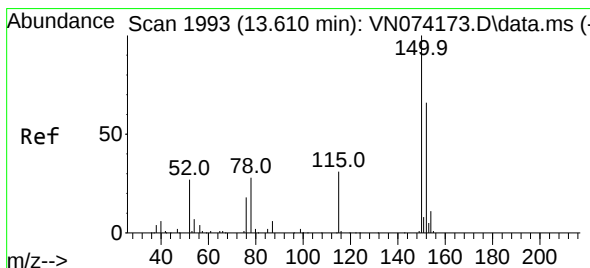
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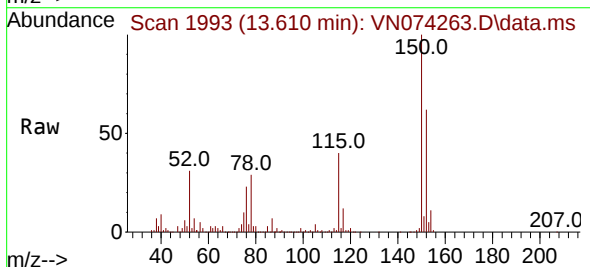


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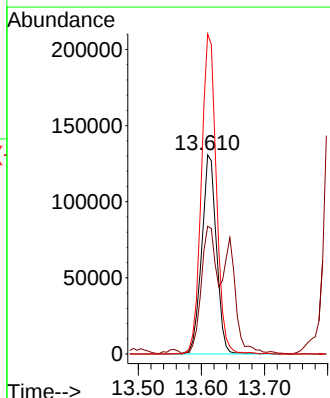
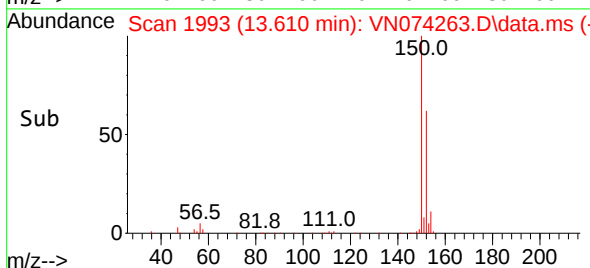
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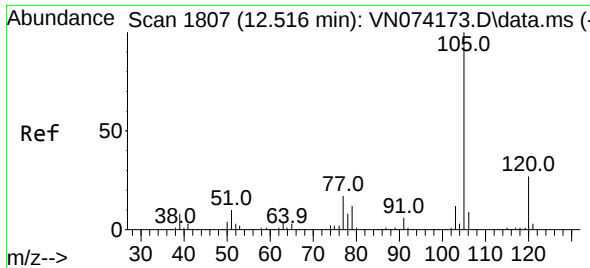


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



Tgt Ion:152 Resp: 211730
Ion Ratio Lower Upper
152 100
115 65.8 28.9 86.7
150 163.2 0.0 356.2





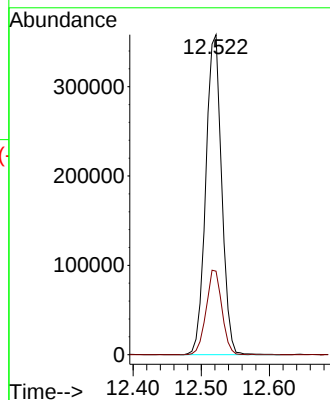
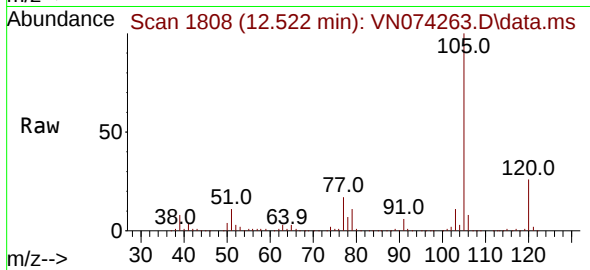
#73
Isopropylbenzene
Concen: 31.896 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Tgt Ion:105 Resp: 57835
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

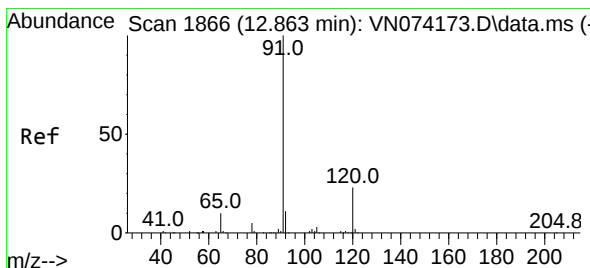
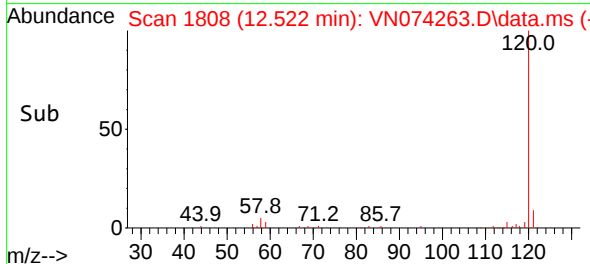
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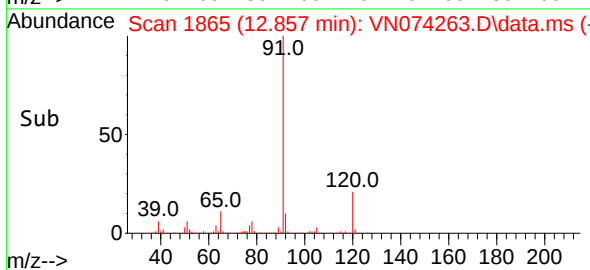
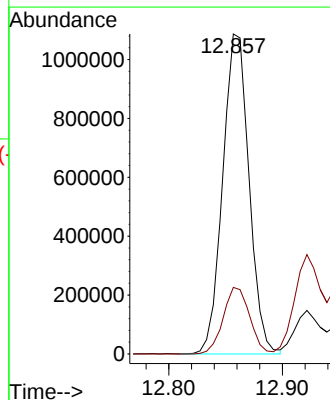
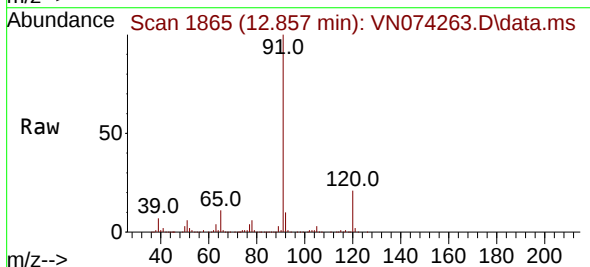
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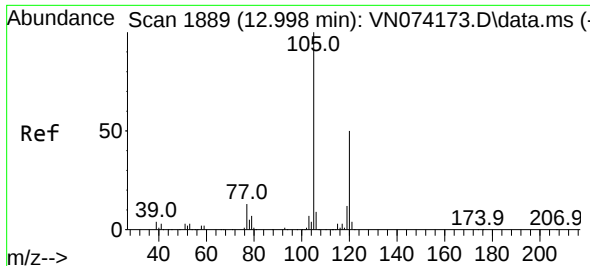
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#78
n-propylbenzene
Concen: 84.868 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

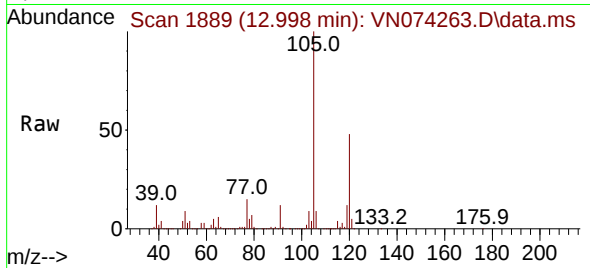
Tgt Ion: 91 Resp: 1754123
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 79.015 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

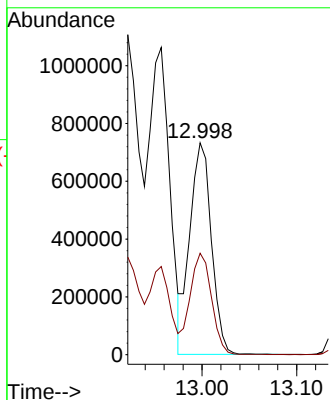
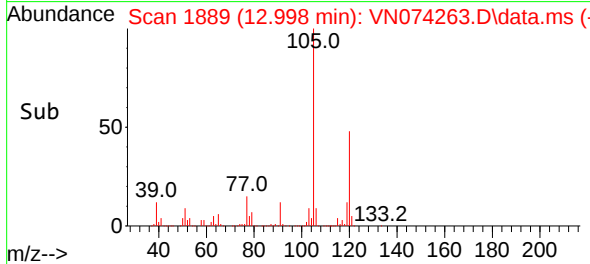
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion:105 Resp: 1165225
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7

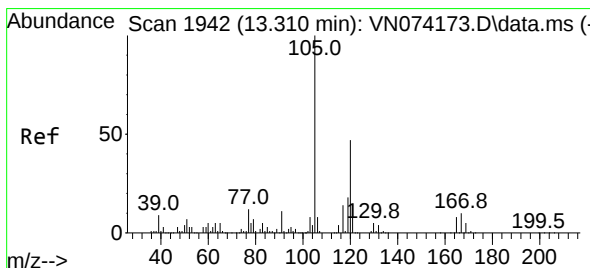
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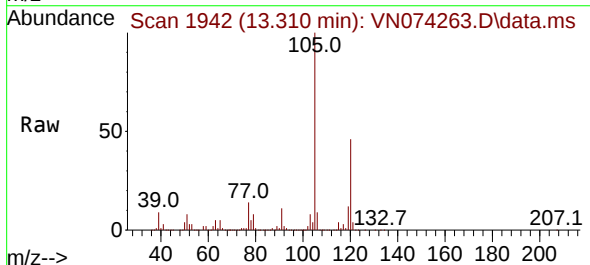


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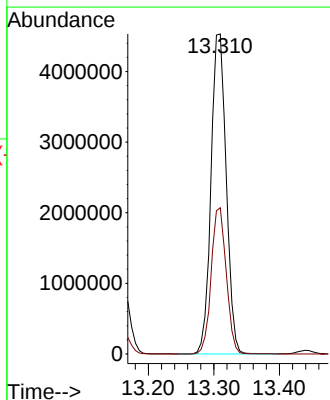
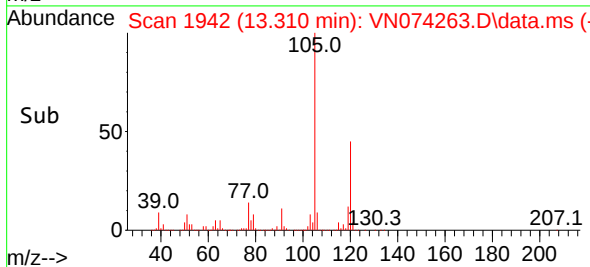
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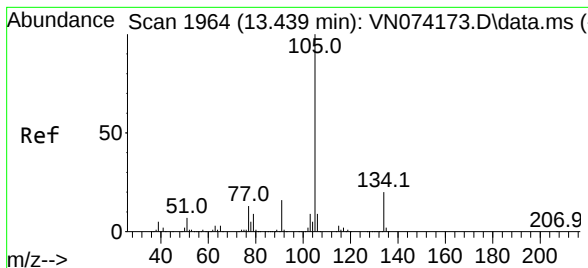


#84
1,2,4-Trimethylbenzene
Concen: 512.294 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



Tgt Ion:105 Resp: 7291164
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8





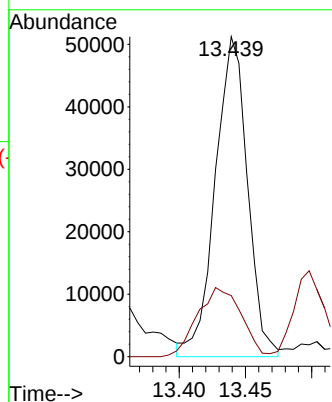
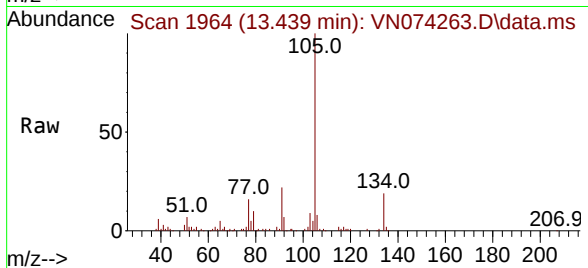
#85
 sec-Butylbenzene
 Concen: 4.899 ug/l m
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074263.D
 Acq: 02 Sep 2022 00:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Tgt Ion:105 Resp: 86680
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

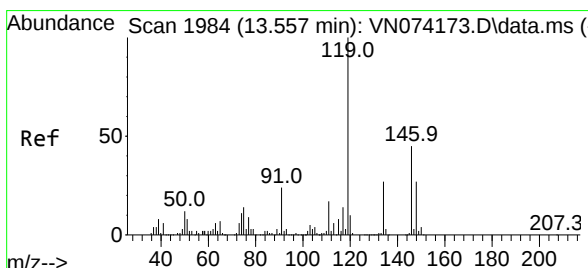
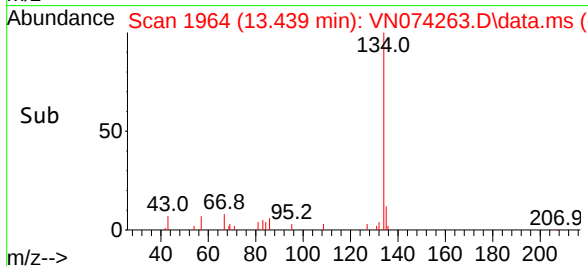
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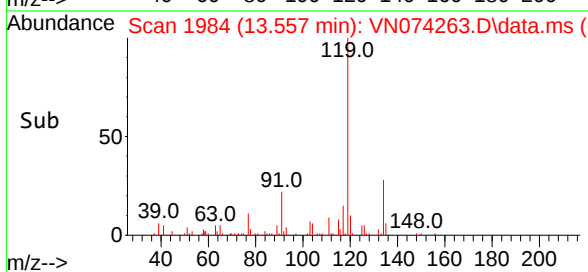
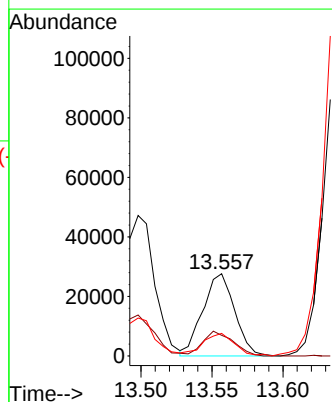
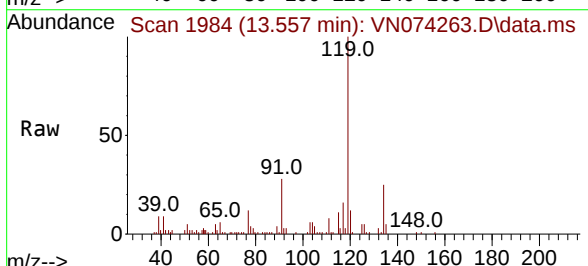
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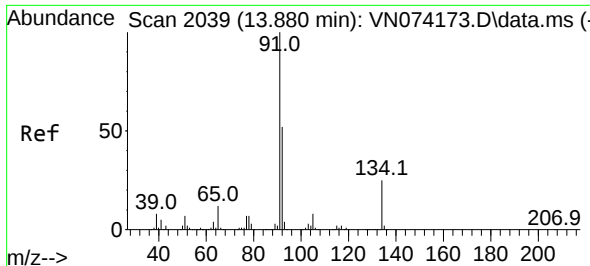
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#86
 p-Isopropyltoluene
 Concen: 3.129 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074263.D
 Acq: 02 Sep 2022 00:28

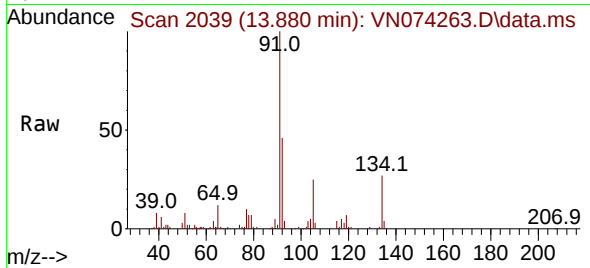
Tgt Ion:119 Resp: 43088
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 0.0 11.3 33.9





#89
n-Butylbenzene
Concen: 6.900 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28

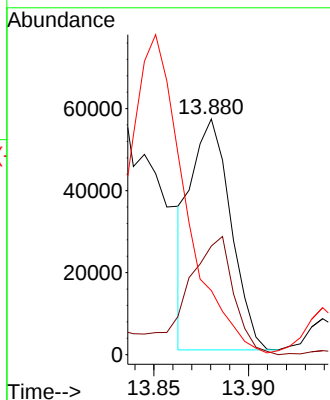
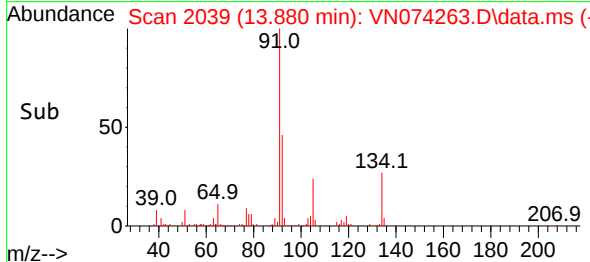
Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion: 91 Resp: 82744
Ion Ratio Lower Upper
91 100
92 59.8 26.9 80.7
134 0.0 13.6 40.8

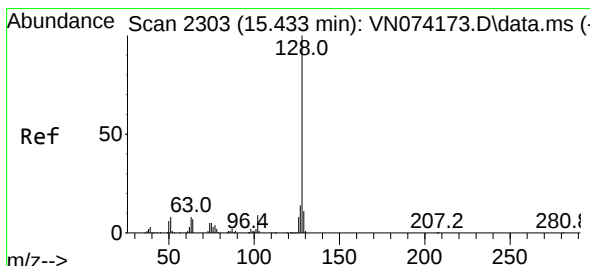
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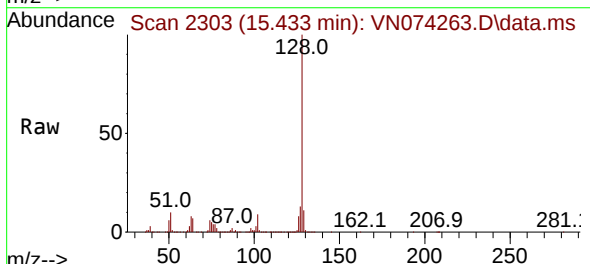


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#95
Naphthalene
Concen: 195.302 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074263.D
Acq: 02 Sep 2022 00:28



Tgt Ion:128 Resp: 3192795
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.6 13.0

