

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070281.D
 Acq On : 21 Dec 2021 20:57
 Operator : JC/MD
 Sample : M5039-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2021
 Supervised By :Mahesh Dadoda 12/23/2021

Quant Time: Dec 21 21:19:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	817873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1389245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1204016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	430824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	665120	52.670	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.340%			
35) Dibromofluoromethane	8.021	113	436620	50.175	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.360%			
50) Toluene-d8	10.440	98	1672174	47.857	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.720%			
62) 4-Bromofluorobenzene	12.731	95	556451	43.959	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.920%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	25469	10.670	ug/l #	71
16) Acetone	4.293	43	80937	10.655	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	158078	5.219	ug/l #	1
39) Methylcyclohexane	9.459	83	56878	3.616	ug/l #	85
40) Benzene	8.458	78	70866	1.753	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	54191	2.868	ug/l	94
67) Ethyl Benzene	11.843	91	355906	8.021	ug/l	98
68) m/p-Xylenes	11.953	106	52959	3.278	ug/l	97
69) o-Xylene	12.280	106	12032m	0.739	ug/l	
73) Isopropylbenzene	12.578	105	94774	2.473	ug/l	98
78) n-propylbenzene	12.921	91	328236	7.695	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	82369	2.803	ug/l	97
85) sec-Butylbenzene	13.501	105	41914	1.131	ug/l #	70
89) n-Butylbenzene	13.938	91	26827m	1.142	ug/l	

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

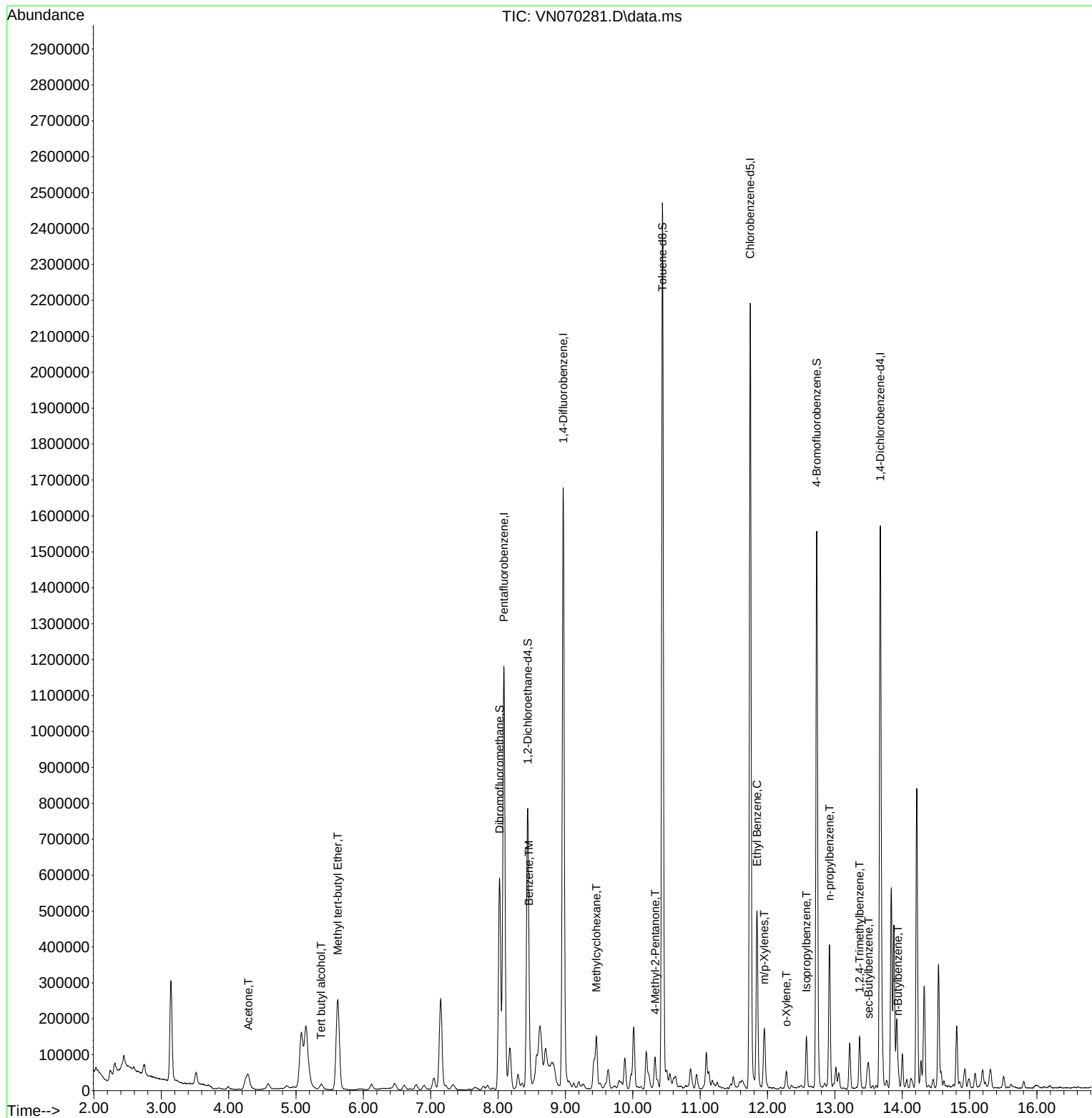
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070281.D
Acq On : 21 Dec 2021 20:57
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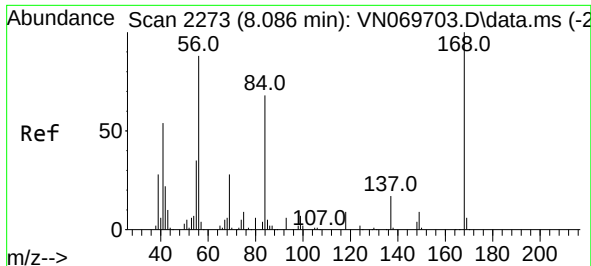
Instrument :
MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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APPROVED

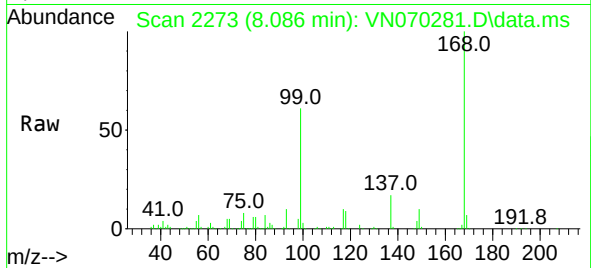
Reviewed By : Semsettin Yesilyurt 12/23/2021
Supervised By : Mahesh Dadoda 12/23/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

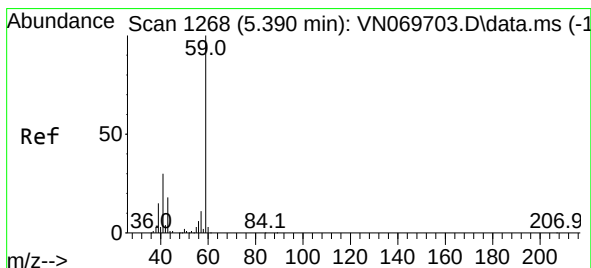
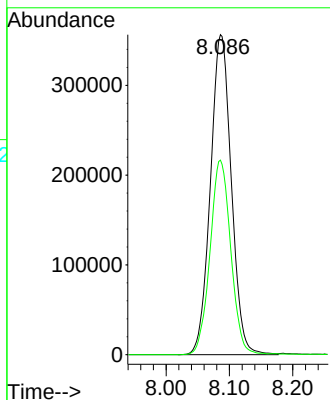
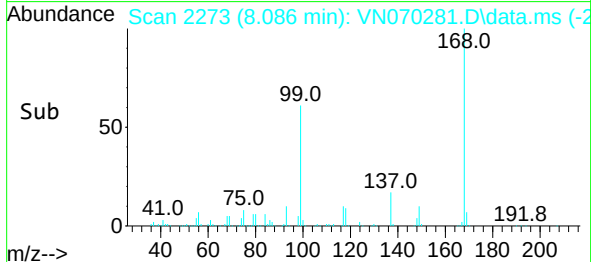
Instrument :
MSVOA_N
ClientSampleId :
MW-16



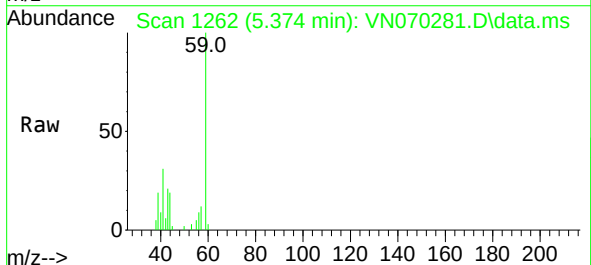
Tgt Ion:168 Resp: 81787
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

Manual Integrations
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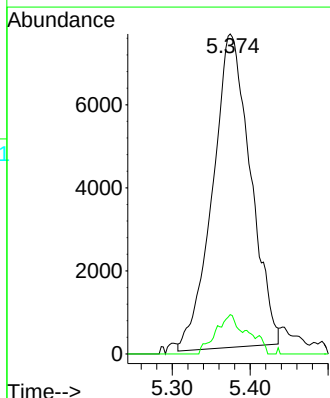
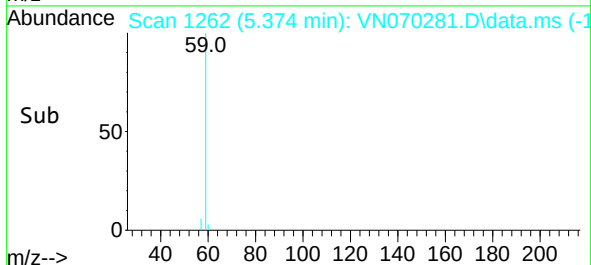
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

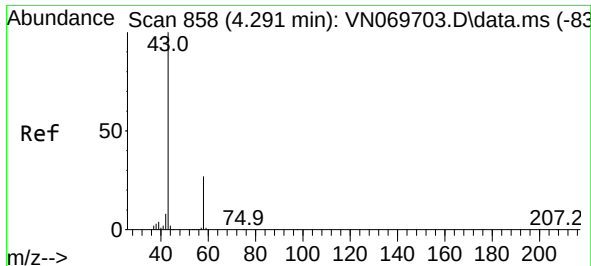


#11
Tert butyl alcohol
Concen: 10.670 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57



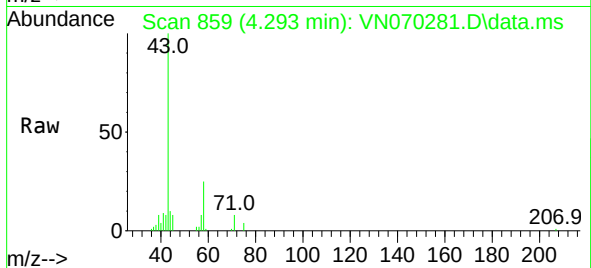
Tgt Ion: 59 Resp: 25469
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#16
Acetone
Concen: 10.655 ug/l
RT: 4.293 min Scan# 8093
Delta R.T. 0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

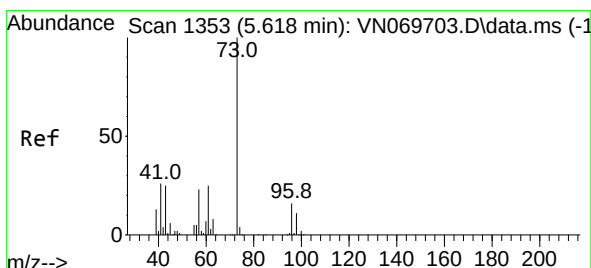
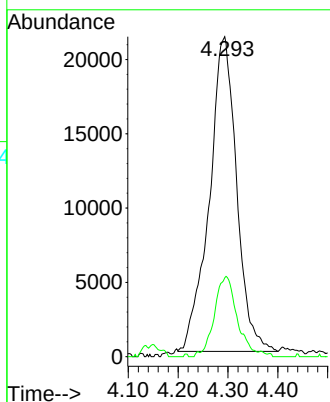
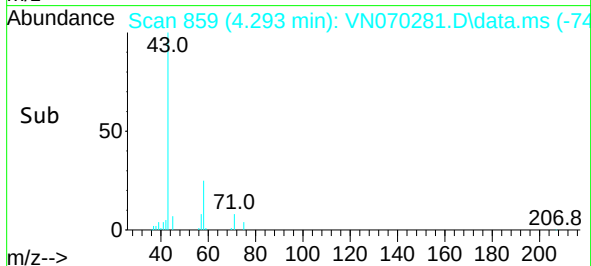
Instrument :
MSVOA_N
ClientSampleId :
MW-16



Tgt Ion: 43 Resp: 8093
Ion Ratio Lower Upper
43 100
58 25.0 23.1 34.7

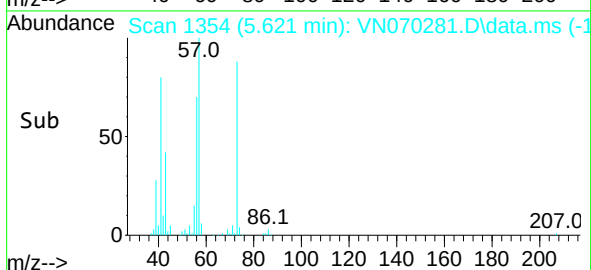
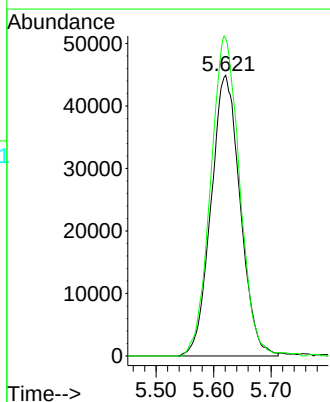
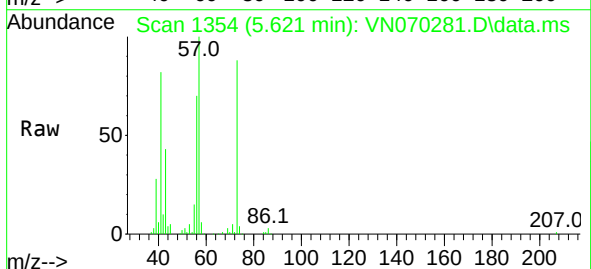
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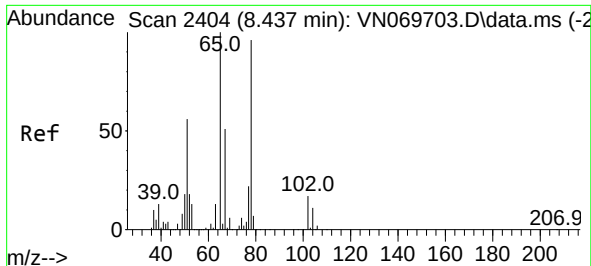
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#19
Methyl tert-butyl Ether
Concen: 5.219 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Tgt Ion: 73 Resp: 158078
Ion Ratio Lower Upper
73 100
57 113.2 16.8 25.2#





#33

1,2-Dichloroethane-d4

Concen: 52.670 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070281.D

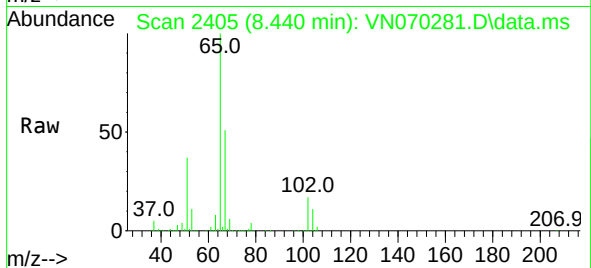
Acq: 21 Dec 2021 20:57

Instrument :

MSVOA_N

ClientSampleId :

MW-16



Tgt Ion: 65 Resp: 665120

Ion Ratio Lower Upper

65 100

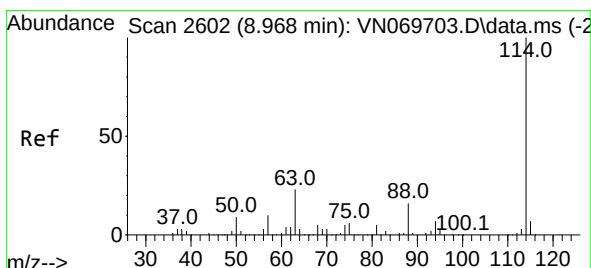
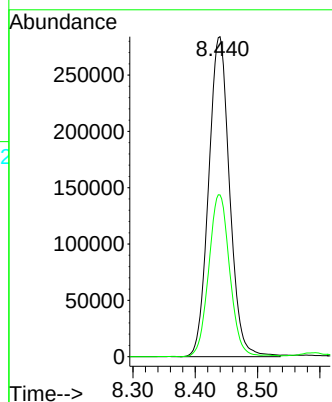
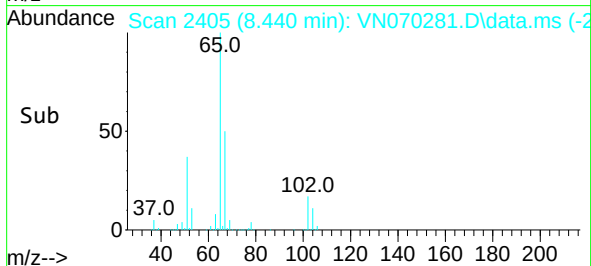
67 50.5 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070281.D

Acq: 21 Dec 2021 20:57

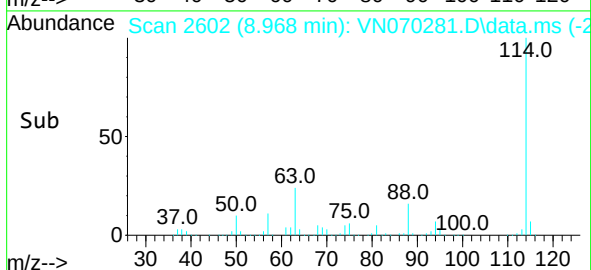
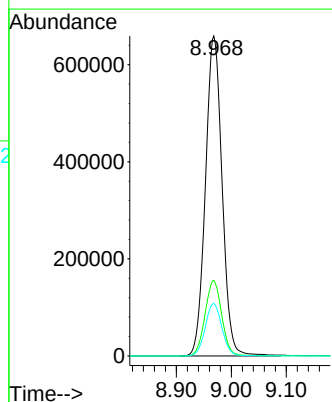
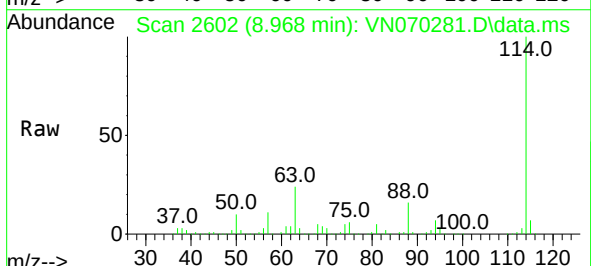
Tgt Ion:114 Resp: 1389245

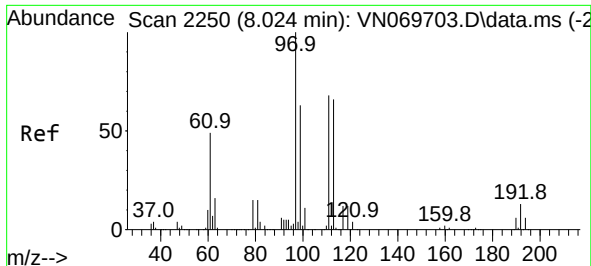
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

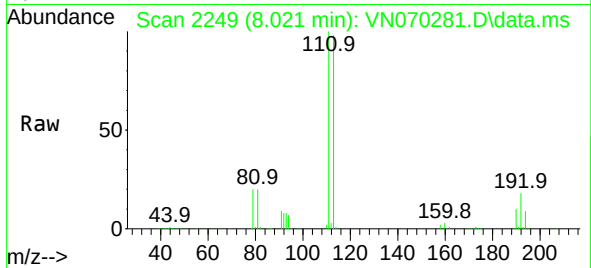
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.175 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

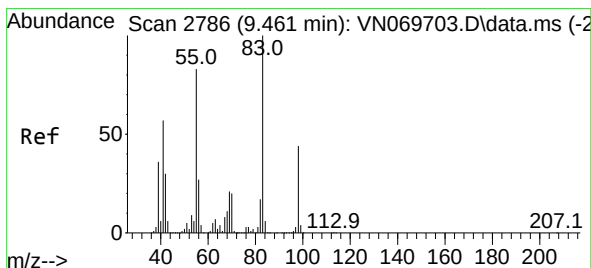
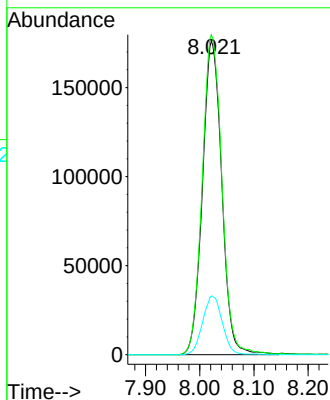
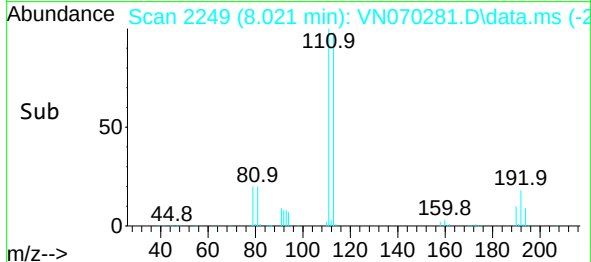
Instrument :
MSVOA_N
ClientSampleId :
MW-16



Tgt Ion:113 Resp: 436620
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.0 16.9 25.3

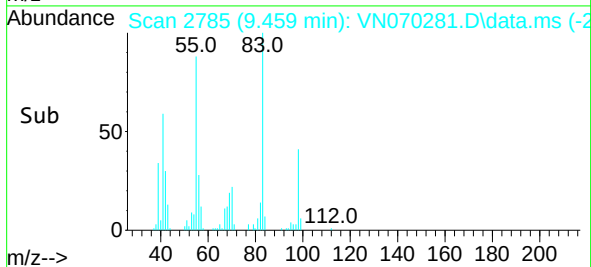
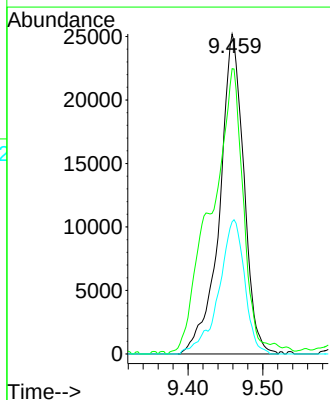
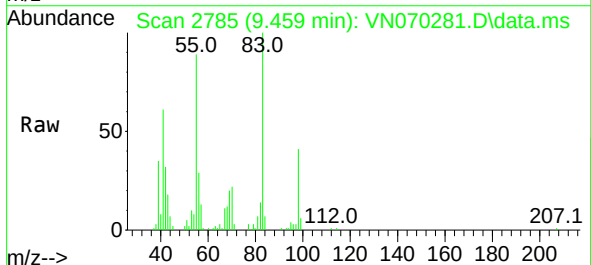
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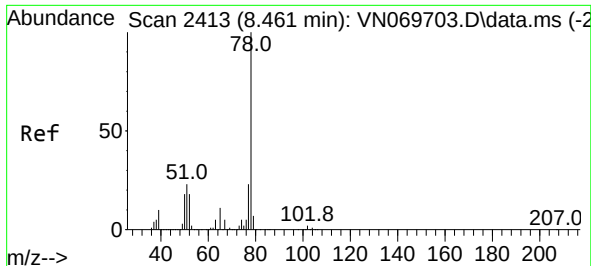
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#39
Methylcyclohexane
Concen: 3.616 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

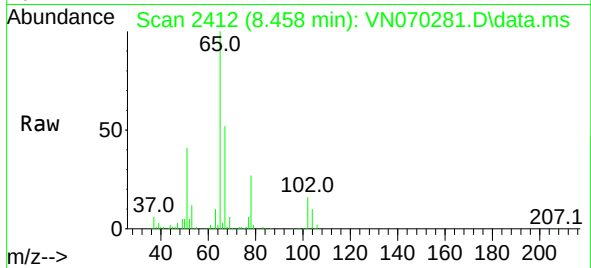
Tgt Ion: 83 Resp: 56878
Ion Ratio Lower Upper
83 100
55 87.3 58.1 87.1#
98 41.3 38.4 57.6





#40
Benzene
Concen: 1.753 ug/l
RT: 8.458 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

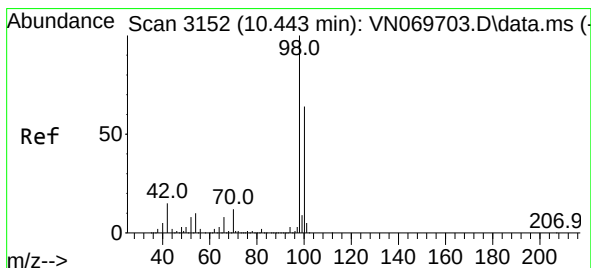
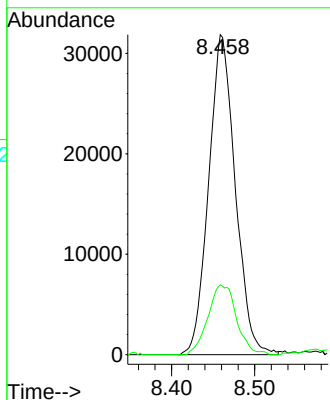
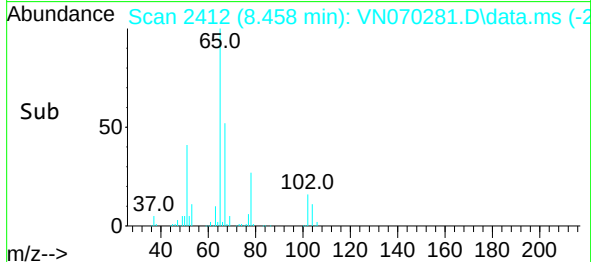
Instrument :
MSVOA_N
ClientSampleId :
MW-16



Tgt Ion: 78 Resp: 70860
Ion Ratio Lower Upper
78 100
77 21.8 18.6 27.8

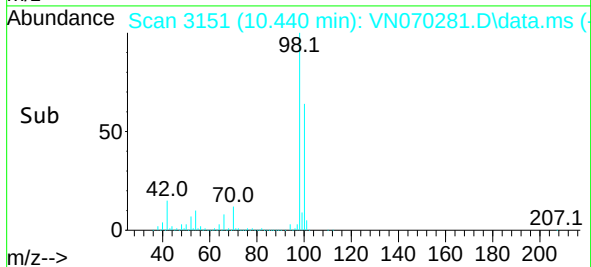
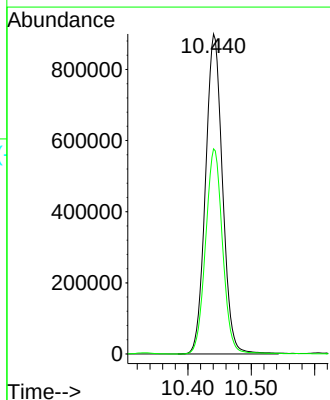
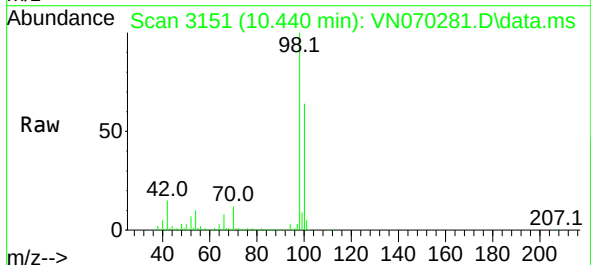
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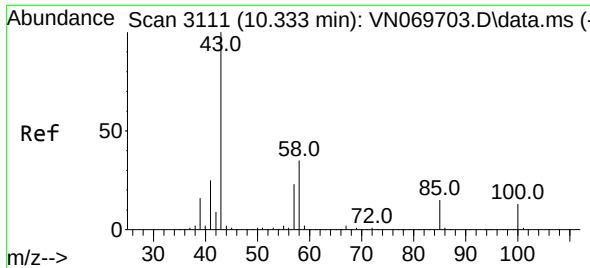
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 47.857 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Tgt Ion: 98 Resp: 1672174
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





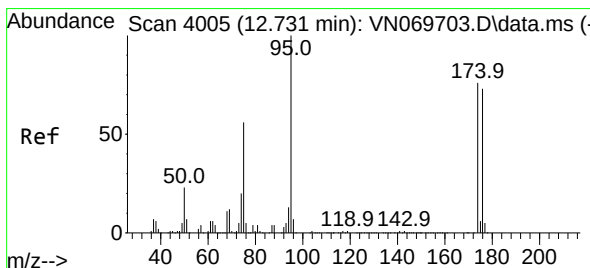
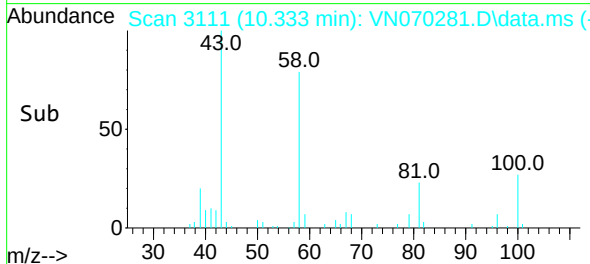
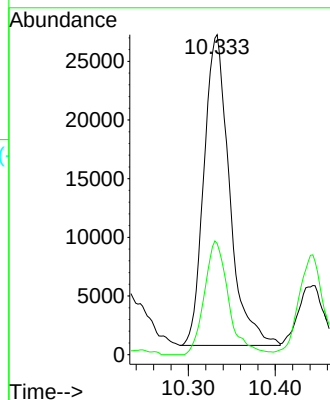
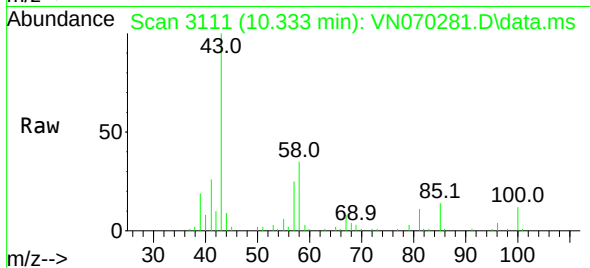
#51
4-Methyl-2-Pentanone
Concen: 2.868 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 43 Resp: 5419
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

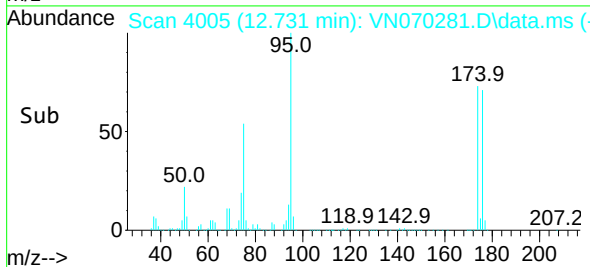
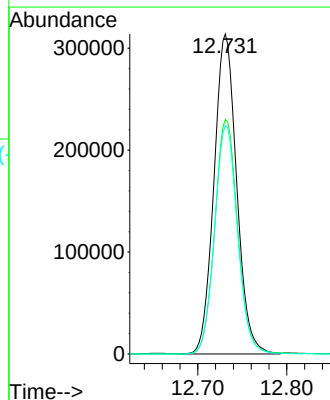
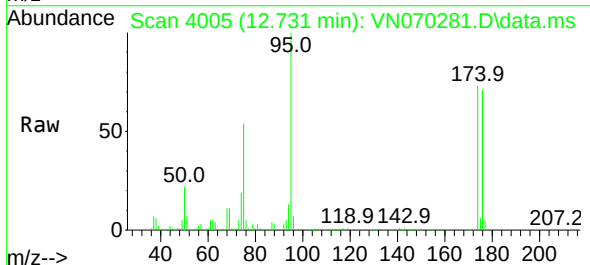
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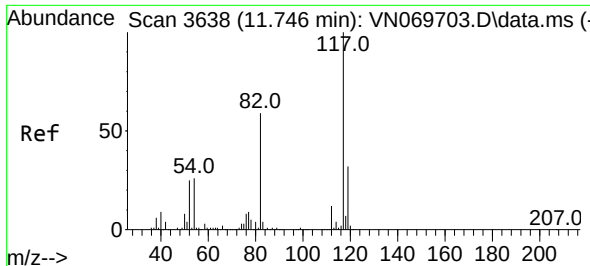
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 43.959 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

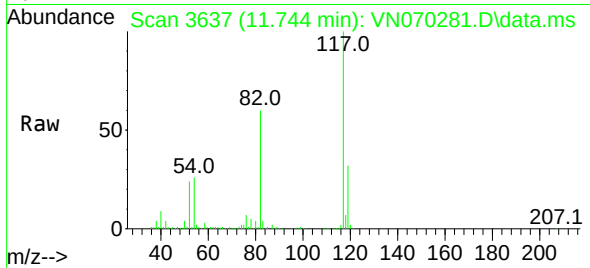
Tgt Ion: 95 Resp: 556451
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

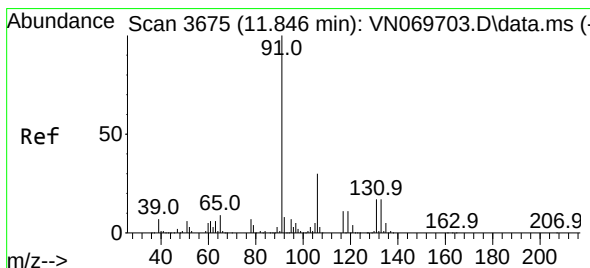
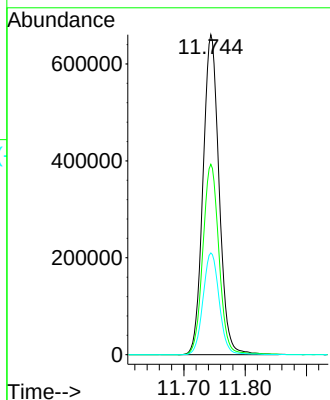
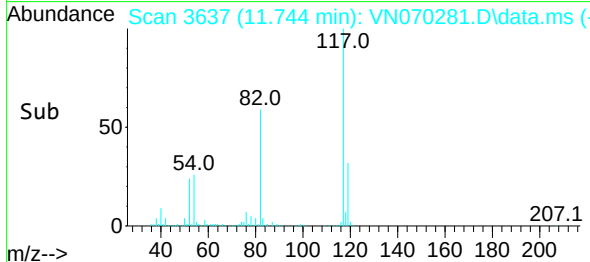
Instrument :
MSVOA_N
ClientSampleId :
MW-16



Tgt Ion: 117 Resp: 1204010
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.8 25.4 38.2

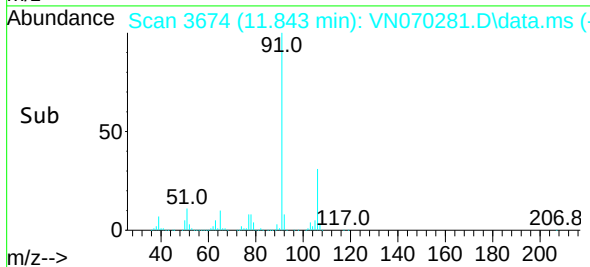
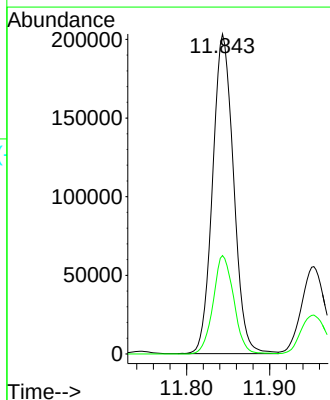
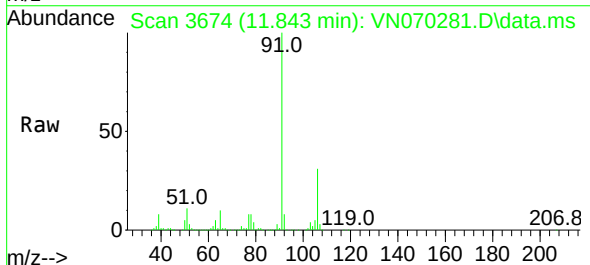
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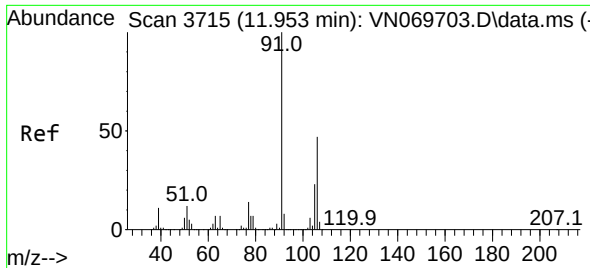
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#67
Ethyl Benzene
Concen: 8.021 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Tgt Ion: 91 Resp: 355906
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5





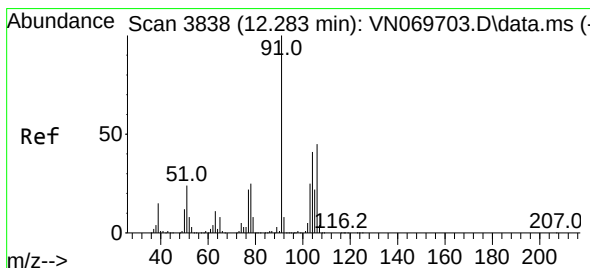
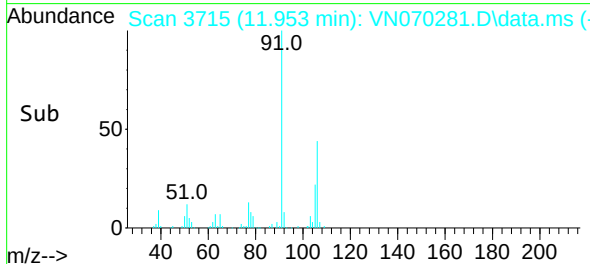
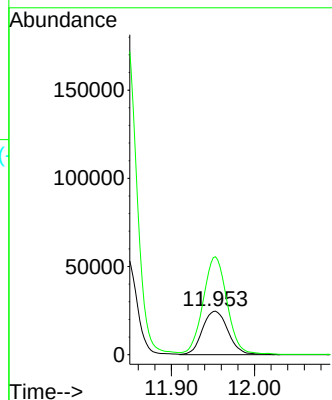
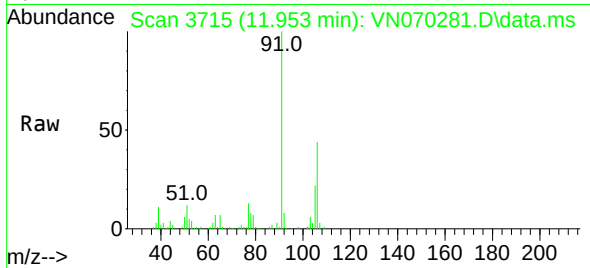
#68
m/p-Xylenes
Concen: 3.278 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:106 Resp: 52958
Ion Ratio Lower Upper
106 100
91 205.3 160.6 240.8

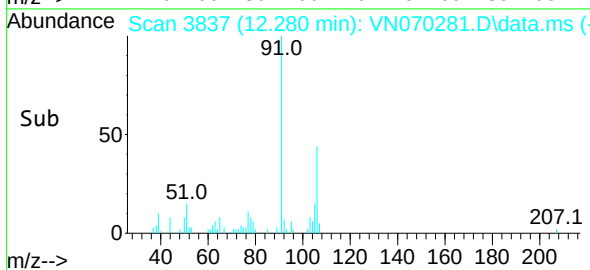
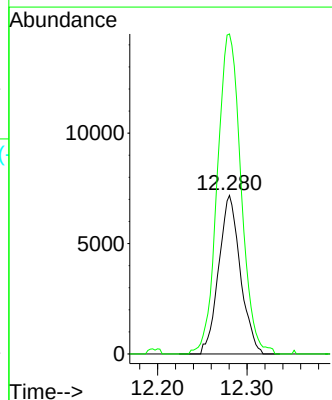
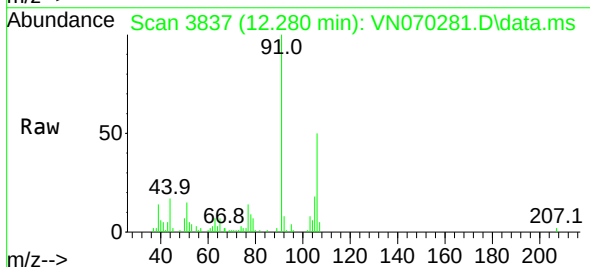
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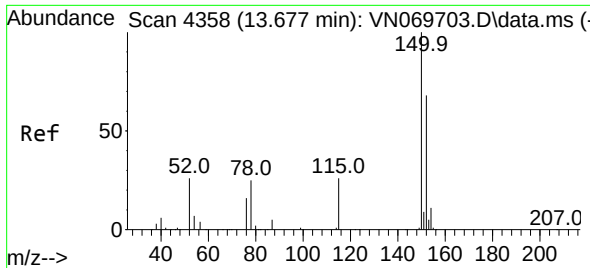
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#69
o-Xylene
Concen: 0.739 ug/l m
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

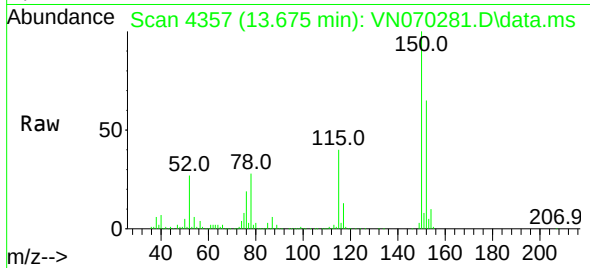
Tgt Ion:106 Resp: 12032
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

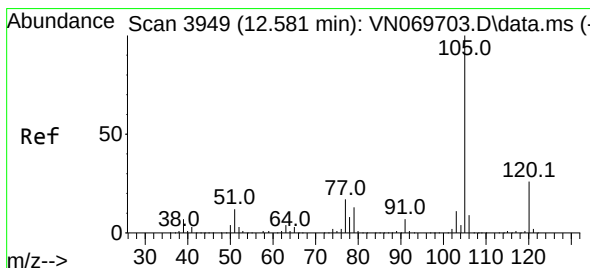
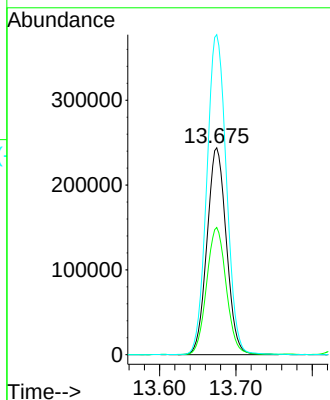
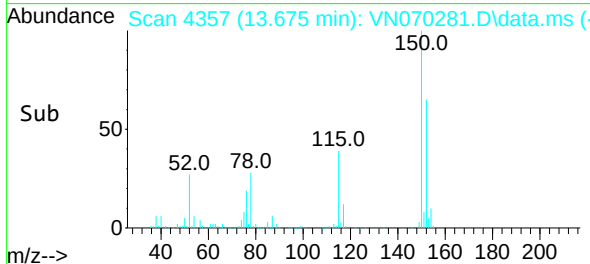
Instrument :
MSVOA_N
ClientSampleId :
MW-16



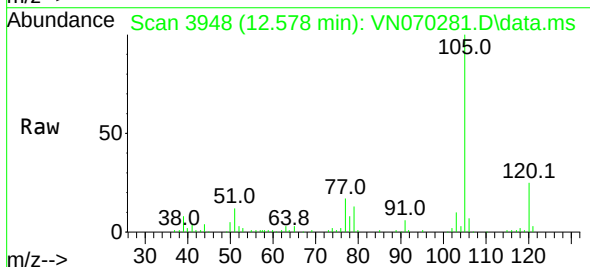
Tgt Ion:152 Resp: 430824
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 156.8 0.0 344.4

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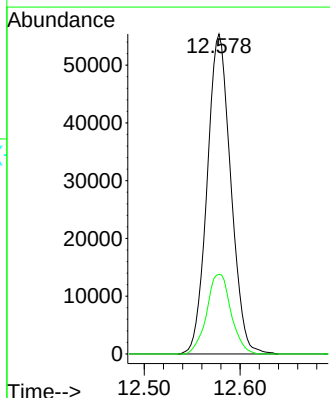
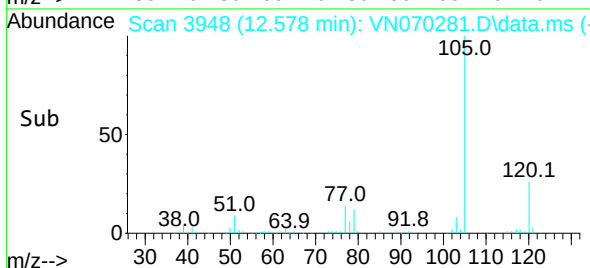
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

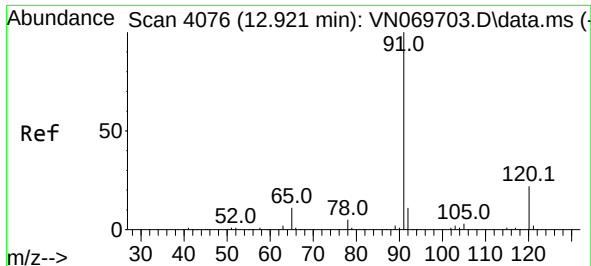


#73
Isopropylbenzene
Concen: 2.473 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57



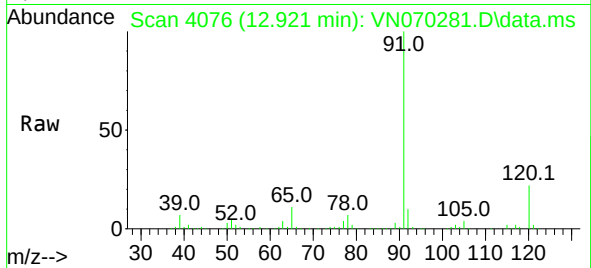
Tgt Ion:105 Resp: 94774
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1





#78
n-propylbenzene
Concen: 7.695 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

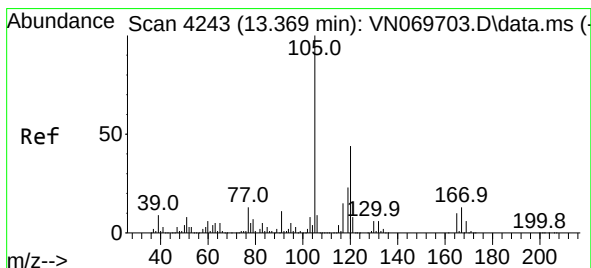
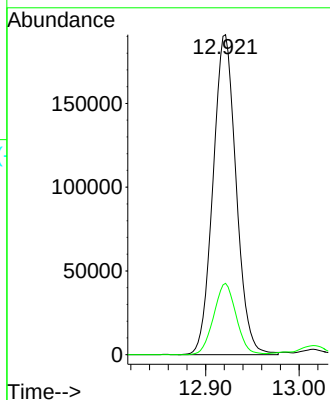
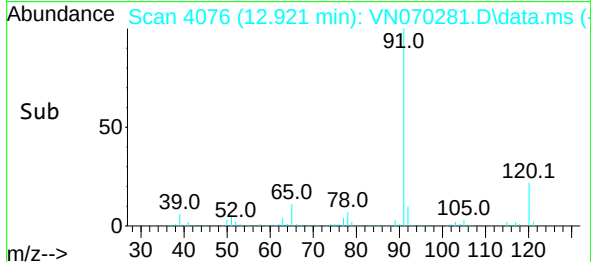
Instrument :
MSVOA_N
ClientSampleId :
MW-16



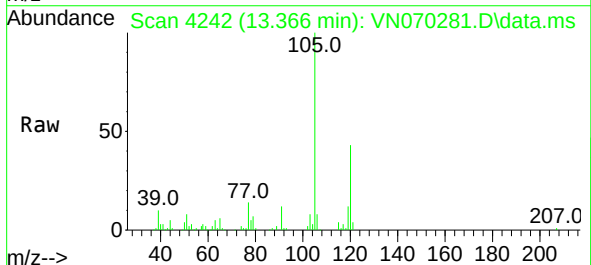
Tgt Ion: 91 Resp: 328230
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

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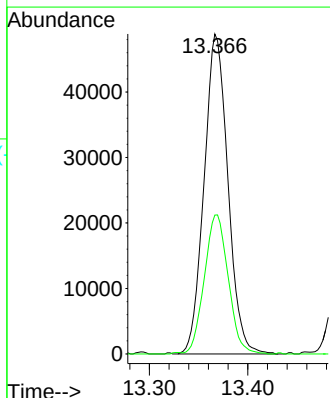
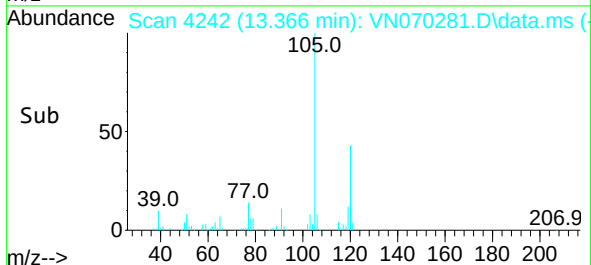
Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021

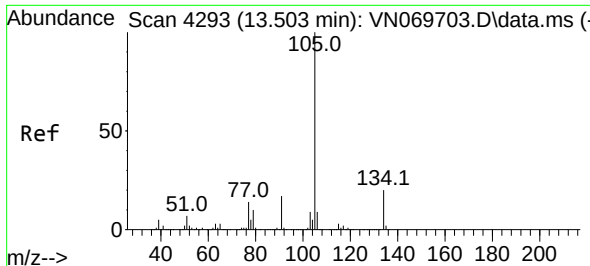


#84
1,2,4-Trimethylbenzene
Concen: 2.803 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57



Tgt Ion:105 Resp: 82369
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





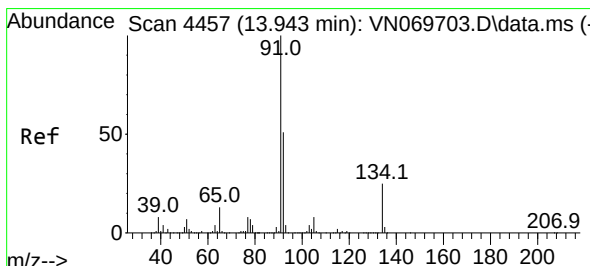
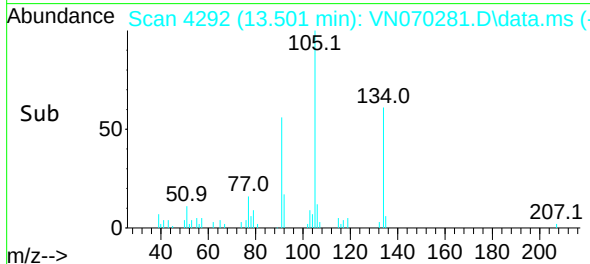
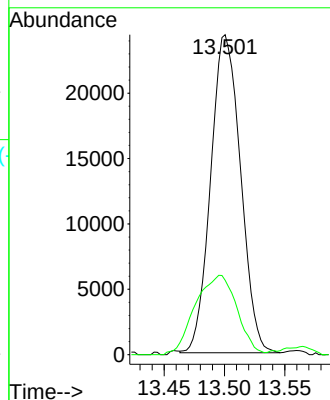
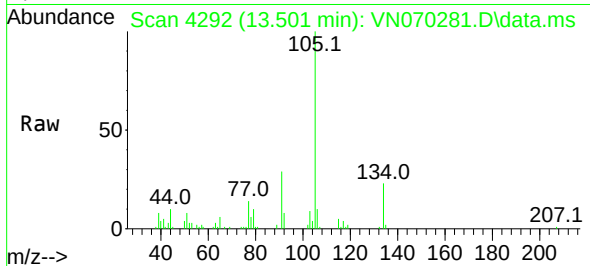
#85
sec-Butylbenzene
Concen: 1.131 ug/l
RT: 13.501 min Scan# 41914
Delta R.T. -0.003 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:105 Resp: 41914
Ion Ratio Lower Upper
105 100
134 34.8 10.4 31.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/23/2021
Supervised By :Mahesh Dadoda 12/23/2021



#89
n-Butylbenzene
Concen: 1.142 ug/l m
RT: 13.938 min Scan# 4455
Delta R.T. -0.005 min
Lab File: VN070281.D
Acq: 21 Dec 2021 20:57

Tgt Ion: 91 Resp: 26827
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 0.0 13.6 40.8

