

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029579.D
 Acq On : 18 Jun 2022 18:56
 Operator : JC/MD
 Sample : N3290-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1A

Quant Time: Jun 20 01:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	269440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154159	43.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	5.391	113	134677	45.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.600%
50) Toluene-d8	8.653	98	523598	48.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	202531	49.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	380635	498.936	ug/l	99
16) Acetone	2.380	43	14906	10.485	ug/l	97
17) Carbon Disulfide	2.520	76	2408	0.340	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	435725	45.979	ug/l	92
22) Diisopropyl ether	3.770	45	16720	1.918	ug/l #	84
25) 2-Butanone	4.568	43	14374	6.397	ug/l	97
31) Cyclohexane	5.477	56	76645	16.007	ug/l	94
39) Methylcyclohexane	7.385	83	102512	20.661	ug/l	90
40) Benzene	6.044	78	8708814	738.265	ug/l	98
48) Methyl methacrylate	7.659	41	12401	3.987	ug/l #	54
52) Toluene	8.720	92	62187	8.233	ug/l	98
67) Ethyl Benzene	10.195	91	2382819	166.103	ug/l	97
68) m/p-Xylenes	10.305	106	264746	47.323	ug/l	99
69) o-Xylene	10.647	106	40389	7.307	ug/l	100
73) Isopropylbenzene	10.964	105	1716093	116.899	ug/l	99
78) n-propylbenzene	11.305	91	5263607	318.355	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	62407m	5.048	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	744067	60.345	ug/l	100
85) sec-Butylbenzene	11.890	105	247113	16.541	ug/l	98
86) p-Isopropyltoluene	12.012	119	12574m	1.005	ug/l	
89) n-Butylbenzene	12.335	91	328706	31.135	ug/l #	63
95) Naphthalene	13.780	128	3993869	290.810	ug/l	98

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

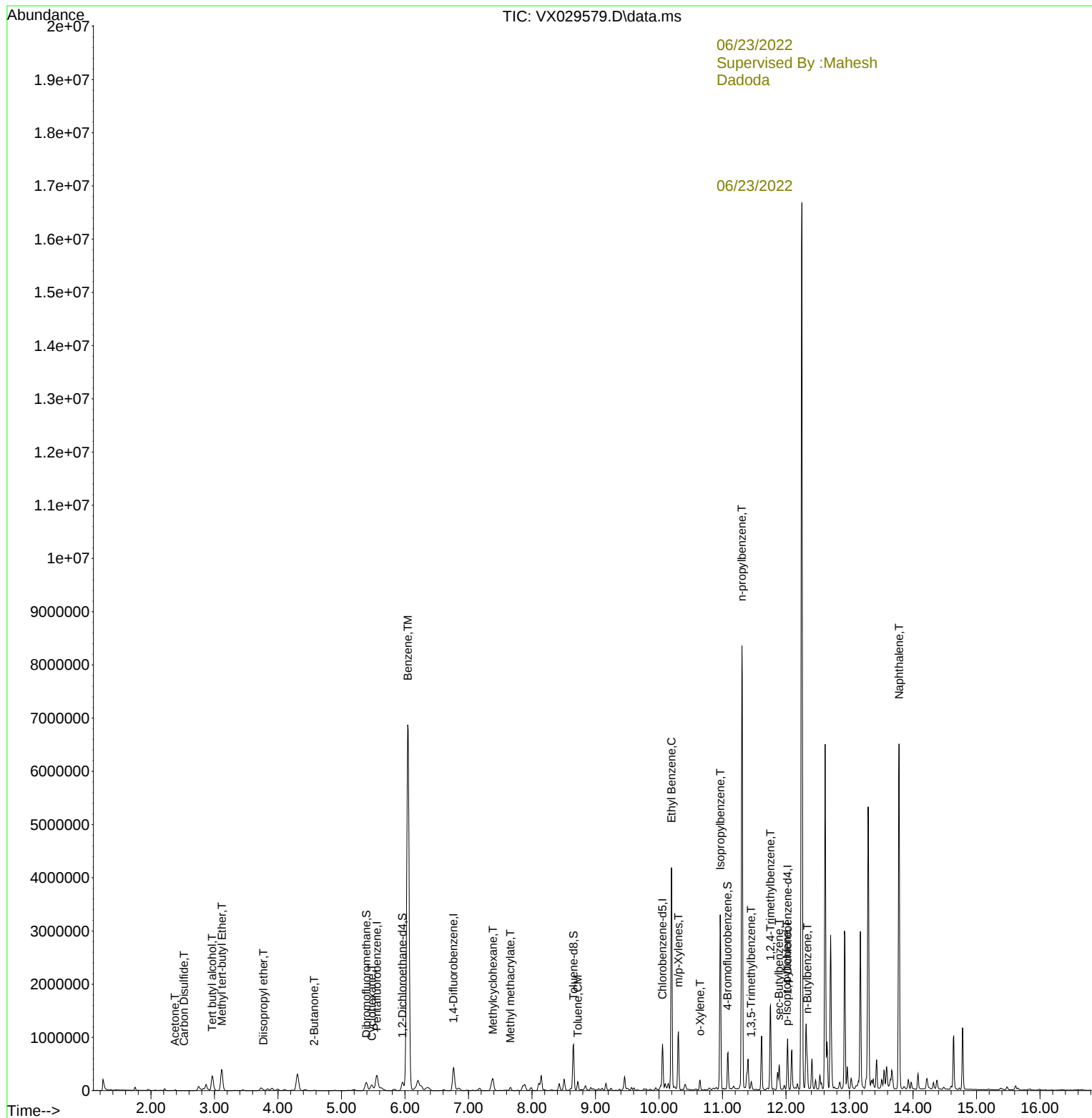
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Data File : VX029579.D
Acq On : 18 Jun 2022 18:56
Operator : JC/MD
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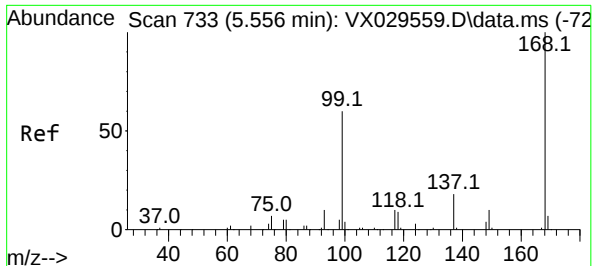
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Quant Time: Jun 20 01:36:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

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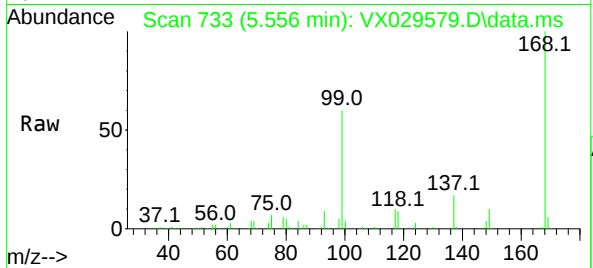
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

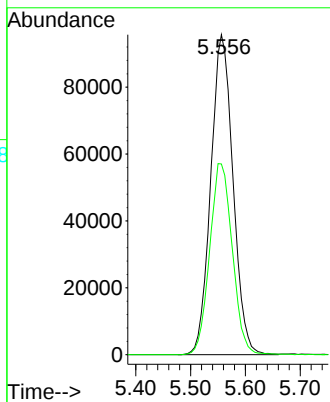
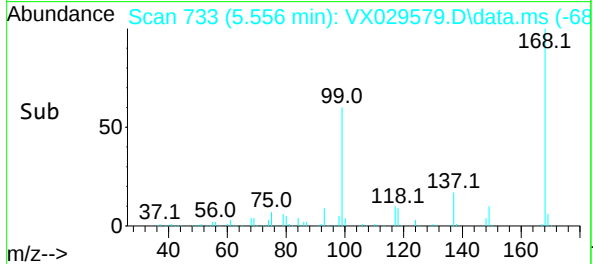
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion:168 Resp: 269440
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5

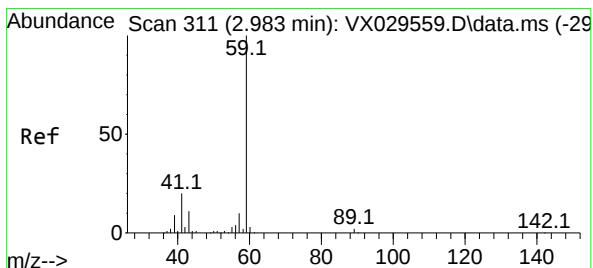
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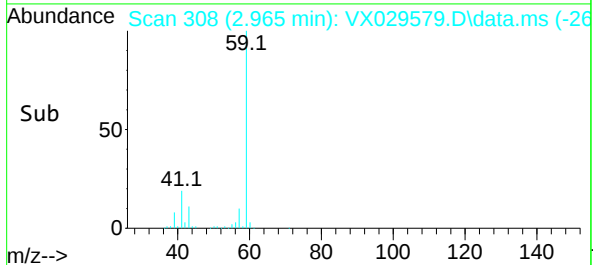
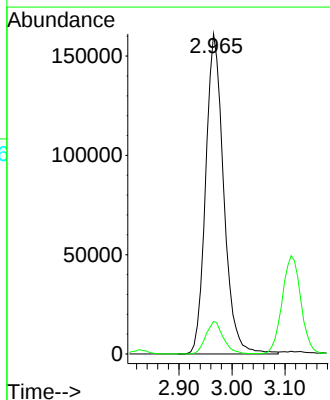
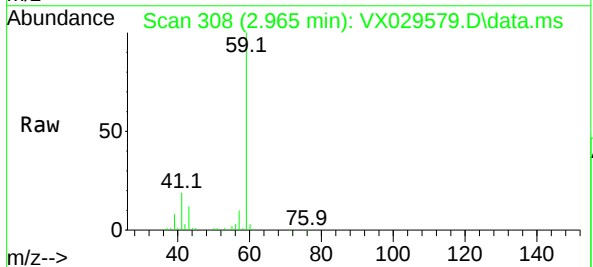
06/23/2022
Supervised By :Mahesh
Dadoda

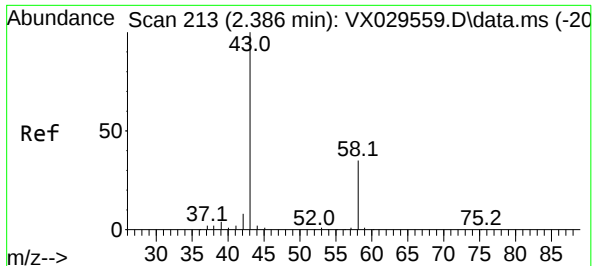
06/23/2022



#11
Tert butyl alcohol
Concen: 498.936 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion: 59 Resp: 380635
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5





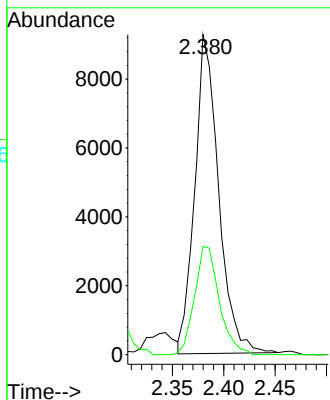
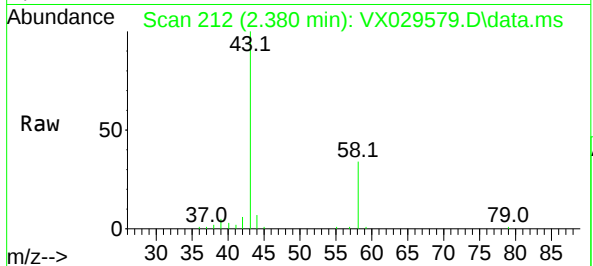
#16
Acetone
Concen: 10.485 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tgt Ion: 43 Resp: 14900
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2

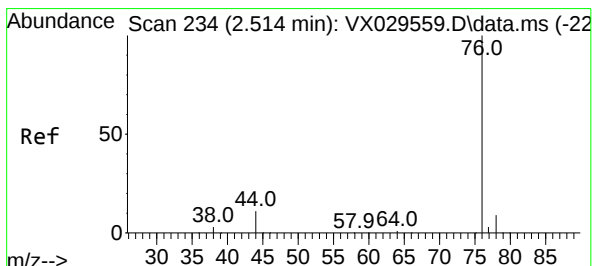
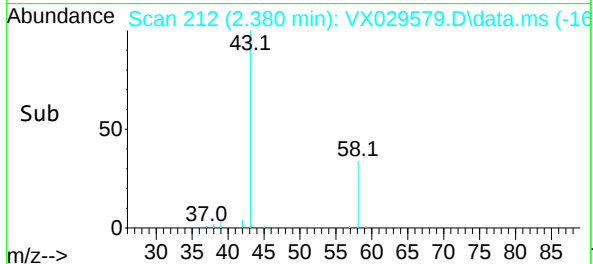
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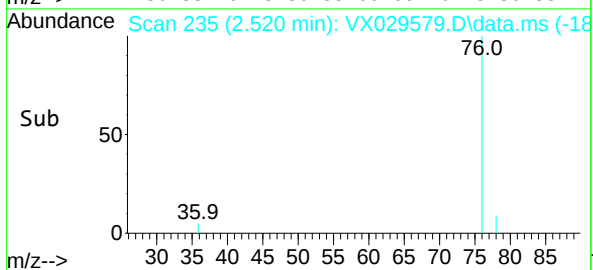
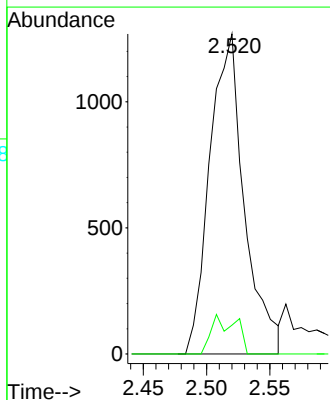
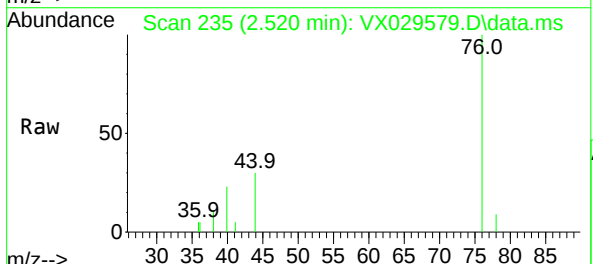
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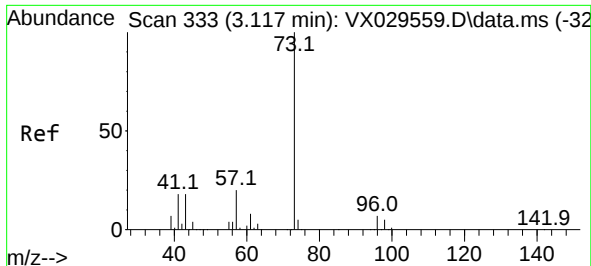
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#17
Carbon Disulfide
Concen: 0.340 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion: 76 Resp: 2408
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





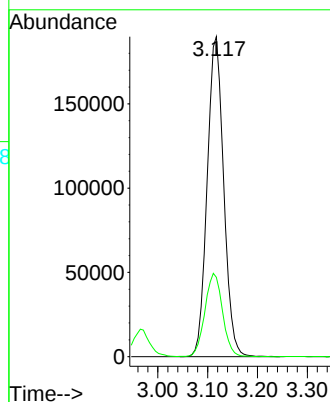
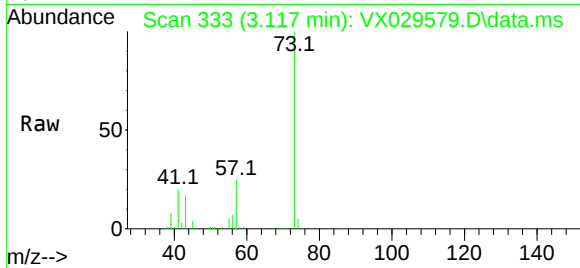
#19
Methyl tert-butyl Ether
Concen: 45.979 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tgt Ion: 73 Resp: 435729
Ion Ratio Lower Upper
73 100
57 24.7 16.8 25.2

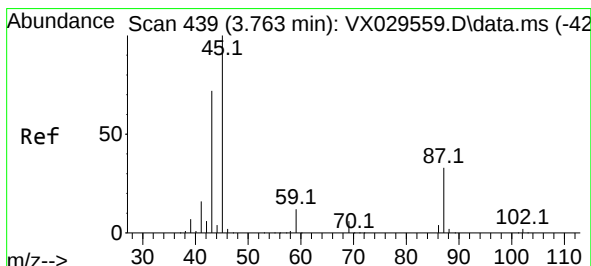
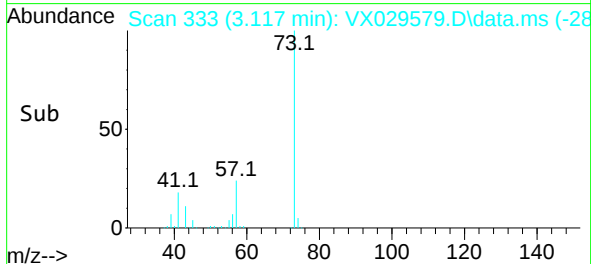
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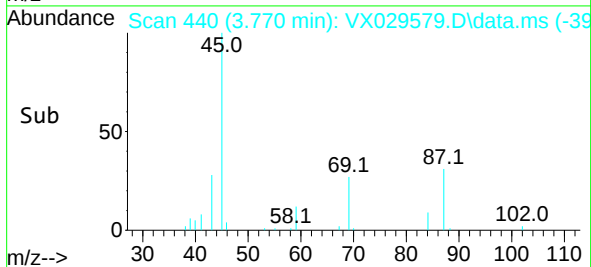
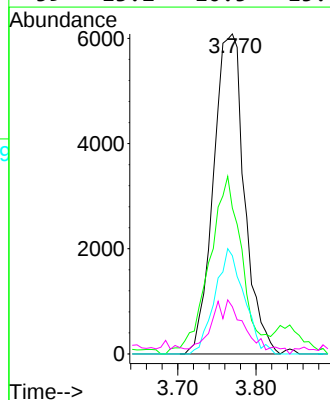
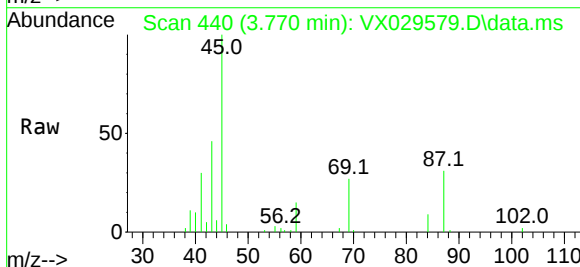
06/23/2022
Supervised By :Mahesh
Dadoda

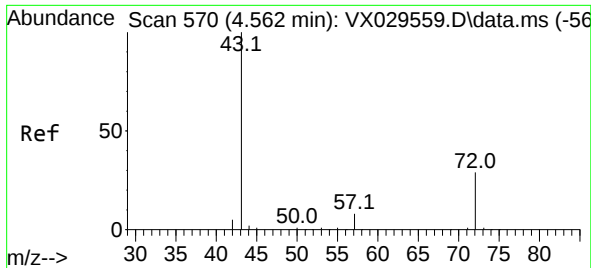
06/23/2022



#22
Diisopropyl ether
Concen: 1.918 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

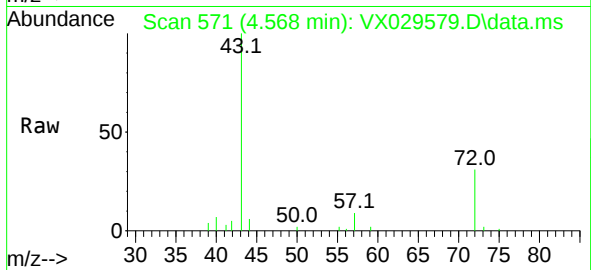
Tgt Ion: 45 Resp: 16720
Ion Ratio Lower Upper
45 100
43 43.7 50.8 76.2#
87 30.7 26.6 39.8
59 13.2 10.5 15.7





#25
2-Butanone
Concen: 6.397 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

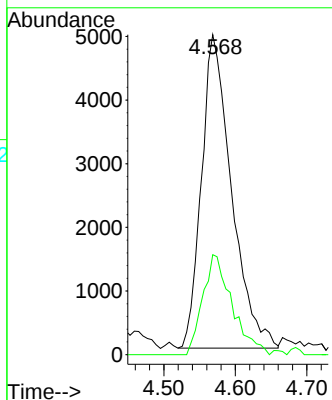
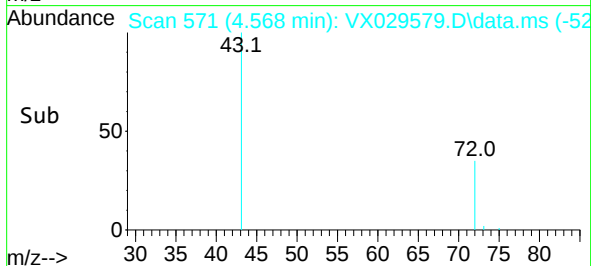
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion: 43 Resp: 14374
Ion Ratio Lower Upper
43 100
72 31.9 24.4 36.6

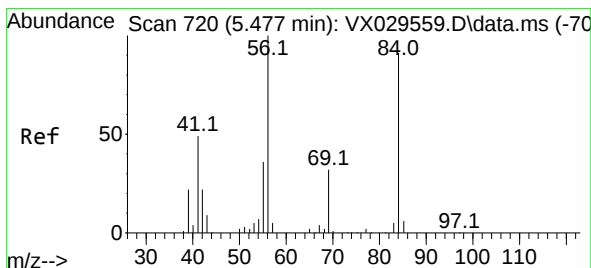
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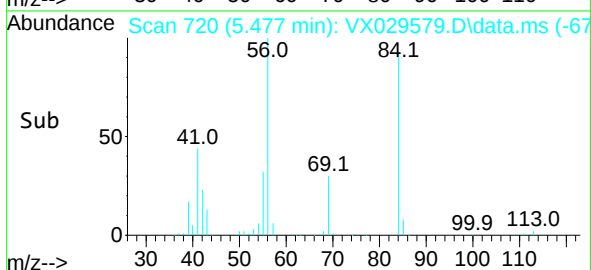
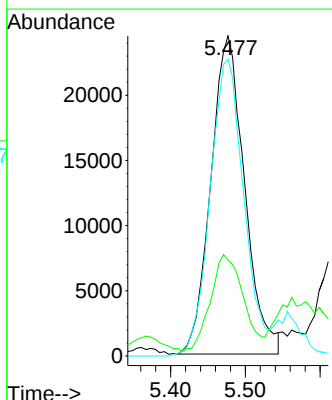
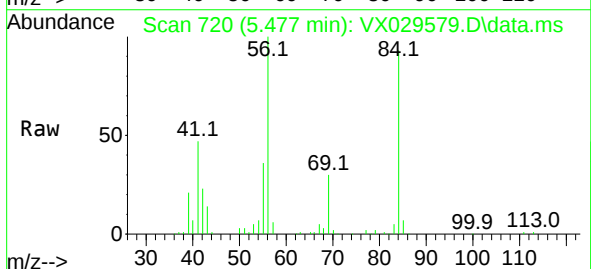
06/23/2022
Supervised By :Mahesh
Dadoda

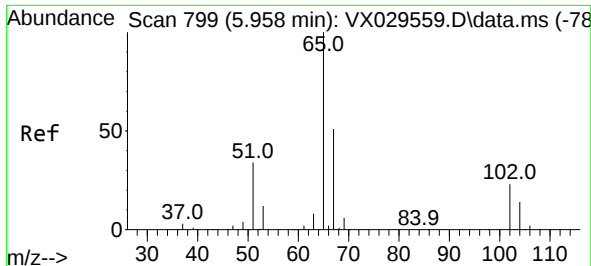
06/23/2022



#31
Cyclohexane
Concen: 16.007 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion: 56 Resp: 76645
Ion Ratio Lower Upper
56 100
69 27.9 26.7 40.1
84 92.5 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.222 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029579.D

Acq: 18 Jun 2022 18:56

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

Tgt Ion: 65 Resp: 154159

Ion Ratio Lower Upper

65 100

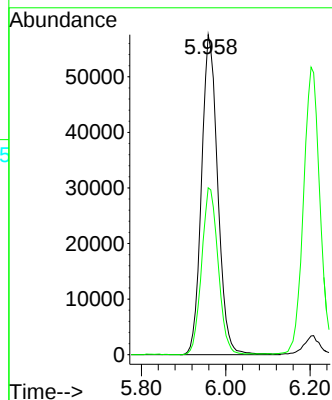
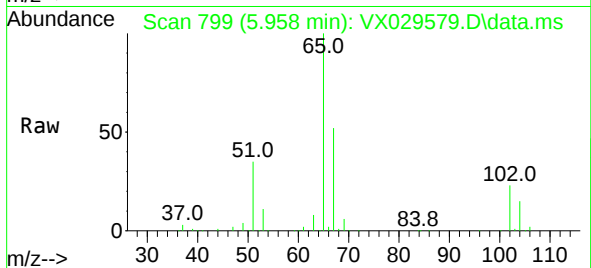
67 53.1 0.0 107.4

Manual Integrations

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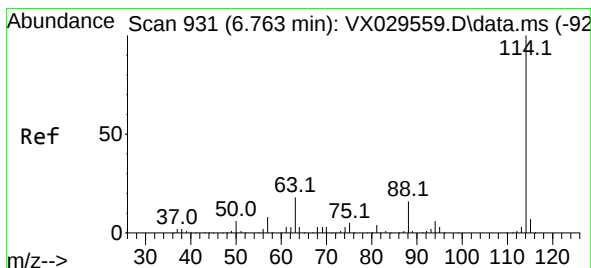
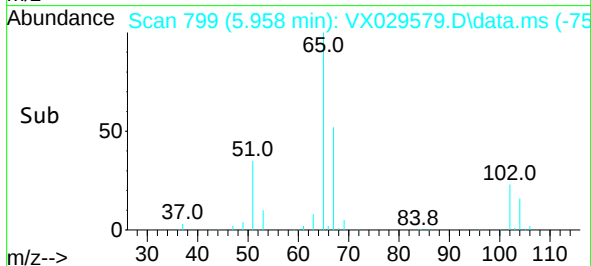
Supervised By :Mahesh Dadoda 06/23/2022



06/23/2022

Supervised By :Mahesh
Dadoda

06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029579.D

Acq: 18 Jun 2022 18:56

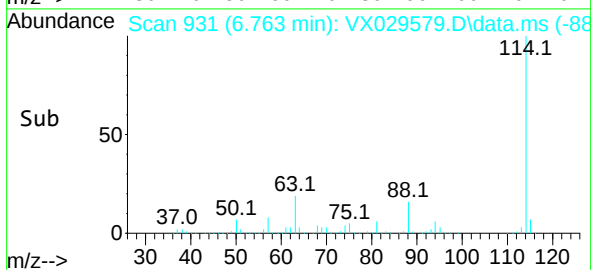
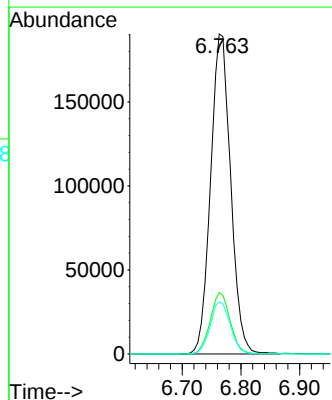
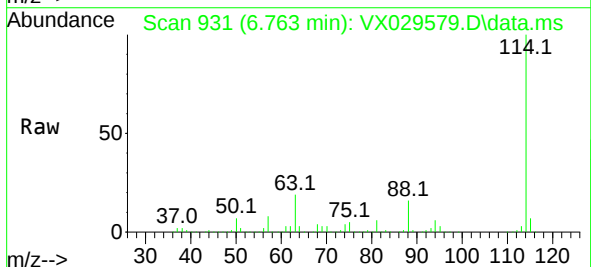
Tgt Ion:114 Resp: 451187

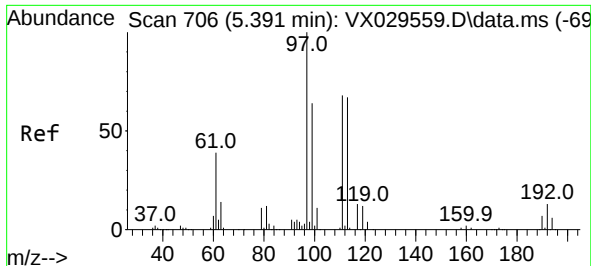
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

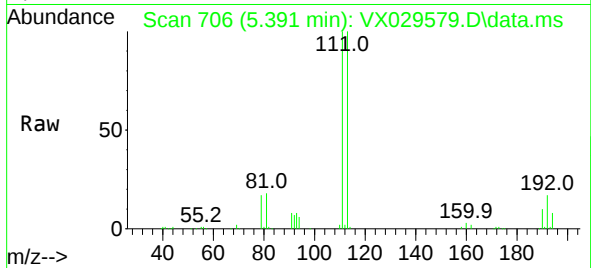
88 16.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 45.804 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

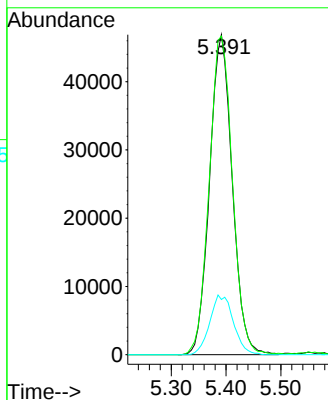
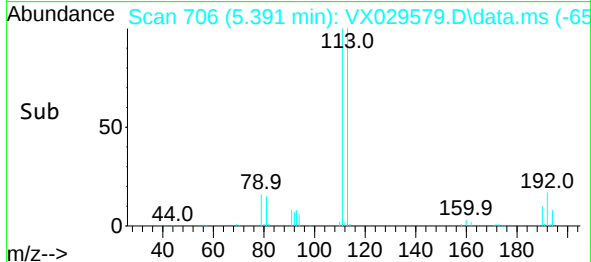
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion:113 Resp: 13467
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.4 16.9 25.3

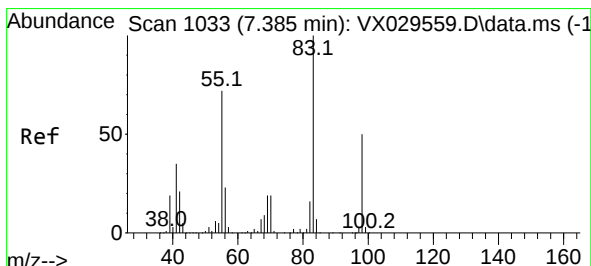
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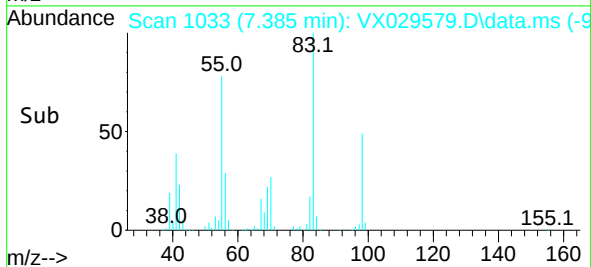
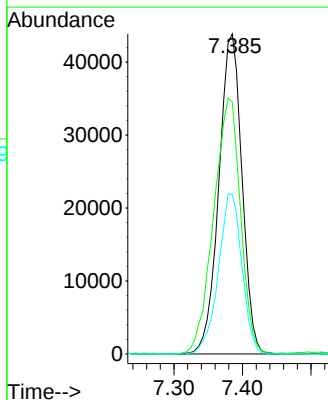
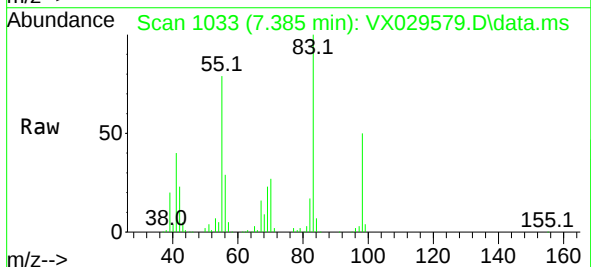
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Dadoda

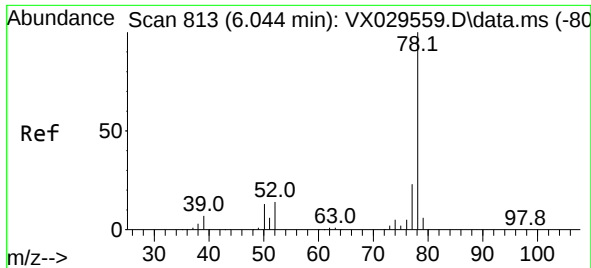
06/23/2022



#39
Methylcyclohexane
Concen: 20.661 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

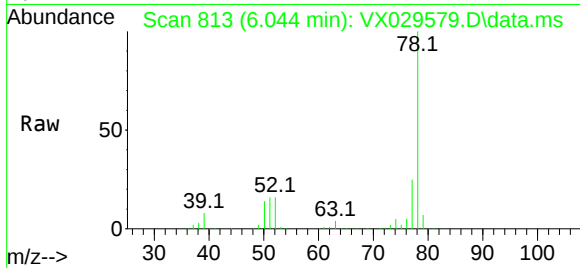
Tgt Ion: 83 Resp: 102512
Ion Ratio Lower Upper
83 100
55 78.8 54.6 81.8
98 49.8 37.4 56.2





#40
Benzene
Concen: 738.265 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

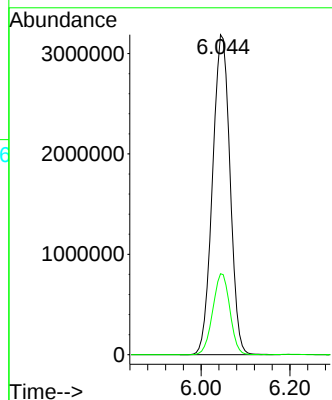
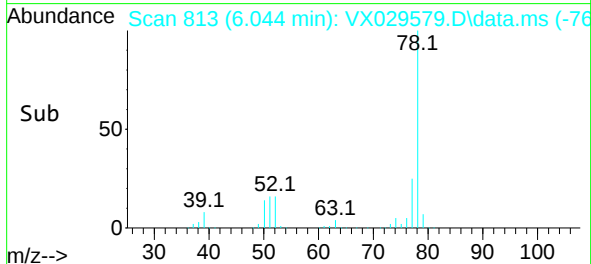
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion: 78 Resp: 8708814
Ion Ratio Lower Upper
78 100
77 25.3 19.3 28.9

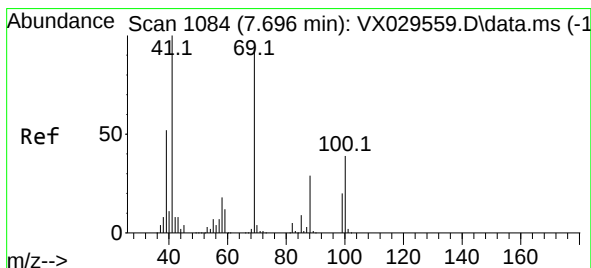
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



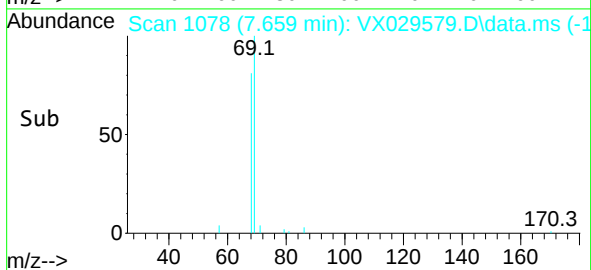
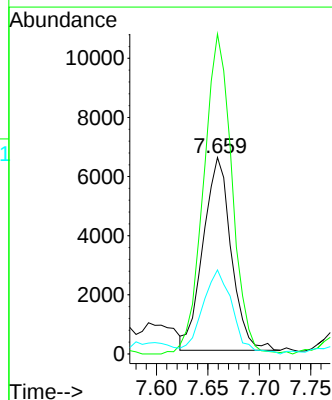
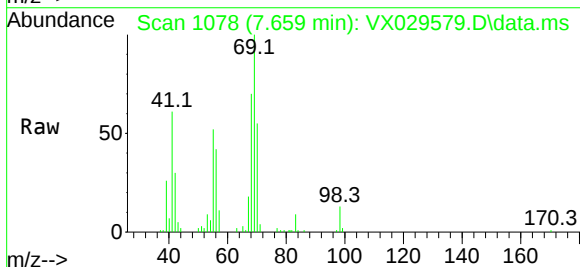
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Dadoda

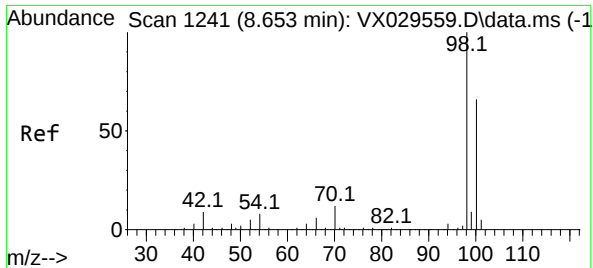
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#48
Methyl methacrylate
Concen: 3.987 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

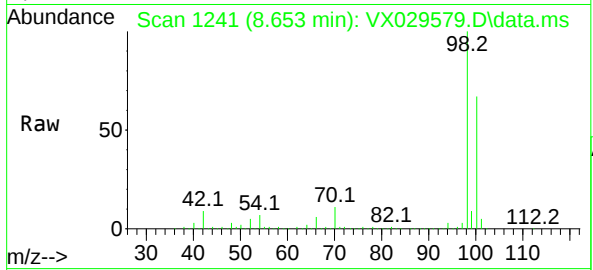
Tgt Ion: 41 Resp: 12401
Ion Ratio Lower Upper
41 100
69 167.9 82.5 123.7#
39 46.4 43.8 65.8





#50
Toluene-d8
Concen: 48.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

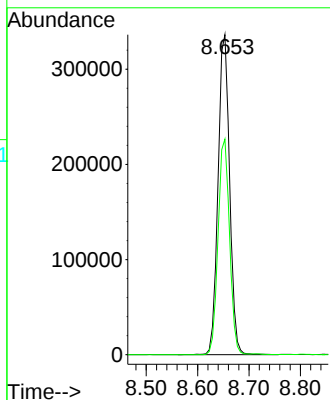
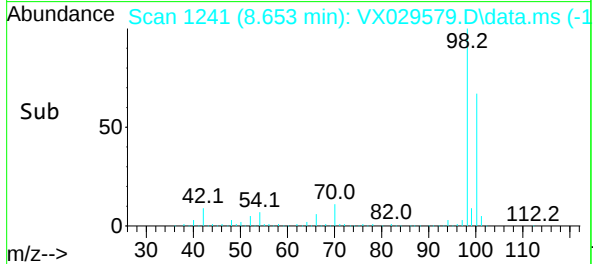
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion: 98 Resp: 523598
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

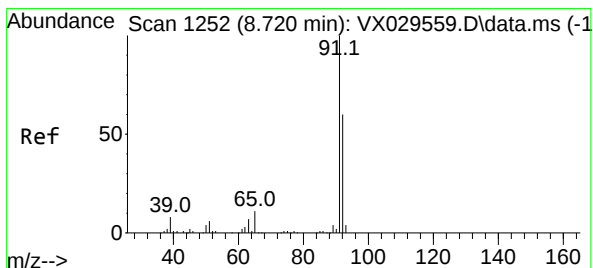
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



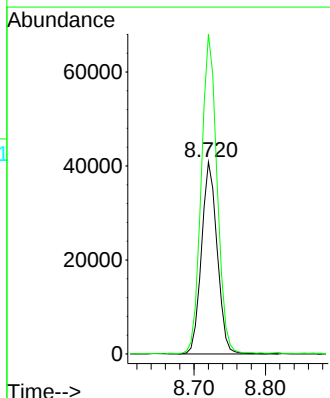
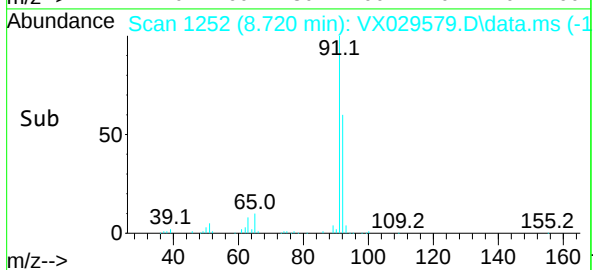
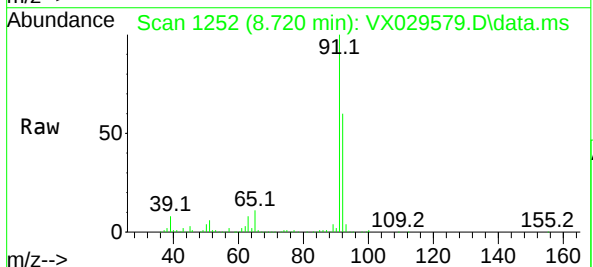
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Dadoda

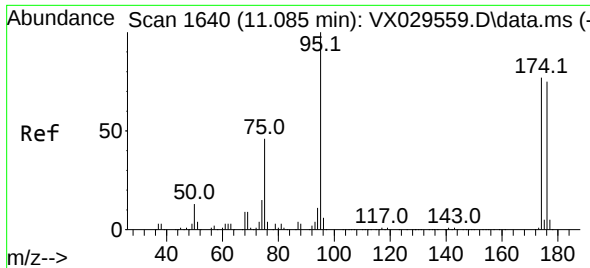
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#52
Toluene
Concen: 8.233 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

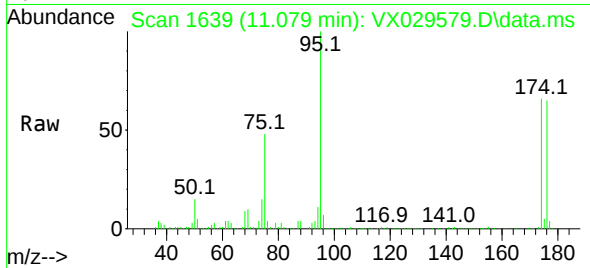
Tgt Ion: 92 Resp: 62187
Ion Ratio Lower Upper
92 100
91 168.8 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

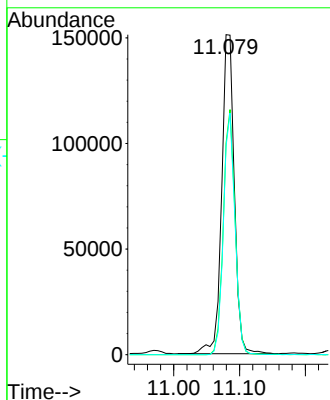
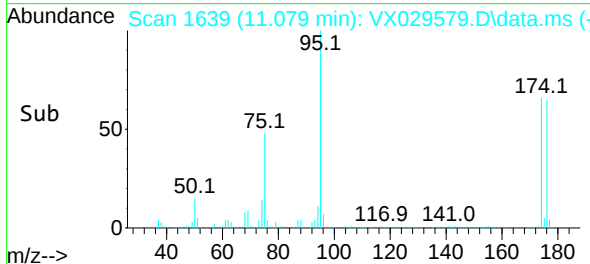
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion: 95 Resp: 20253
Ion Ratio Lower Upper
95 100
174 71.0 0.0 163.0
176 69.1 0.0 155.0

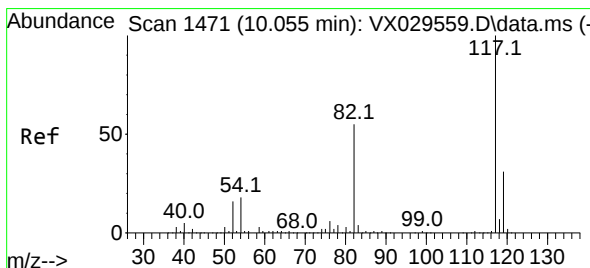
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Supervised By :Mahesh Dadoda 06/23/2022

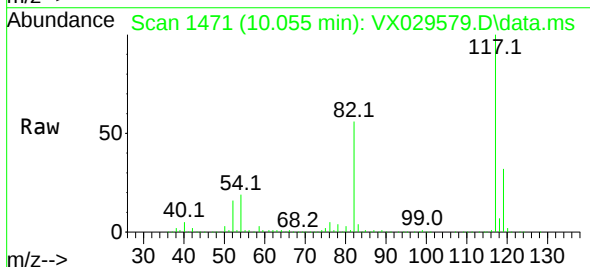


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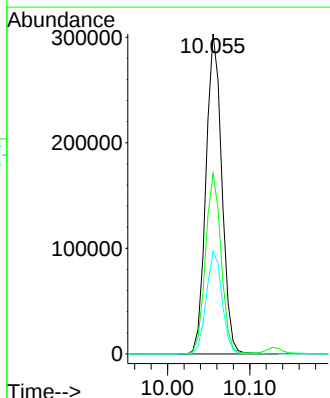
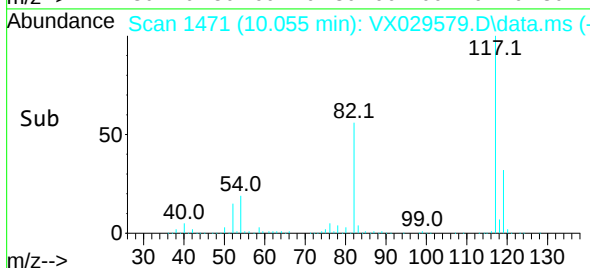
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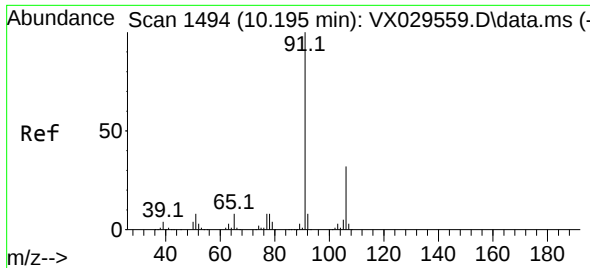


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56



Tgt Ion:117 Resp: 406409
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.0 24.8 37.2





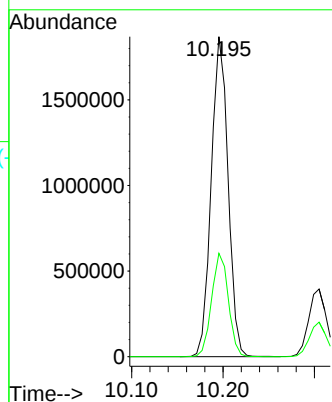
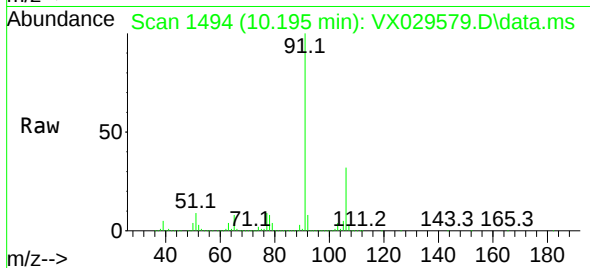
#67
Ethyl Benzene
Concen: 166.103 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tgt Ion: 91 Resp: 2382819
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

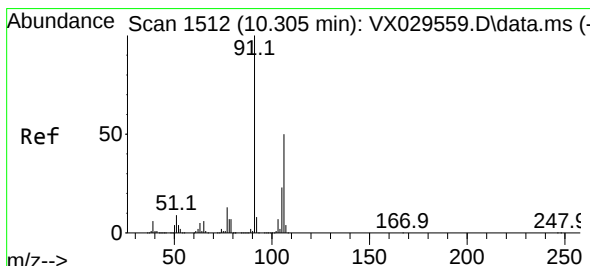
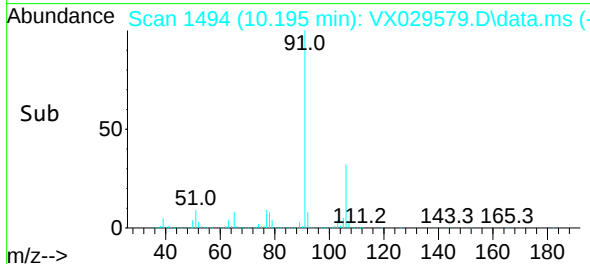
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Supervised By :Mahesh Dadoda 06/23/2022



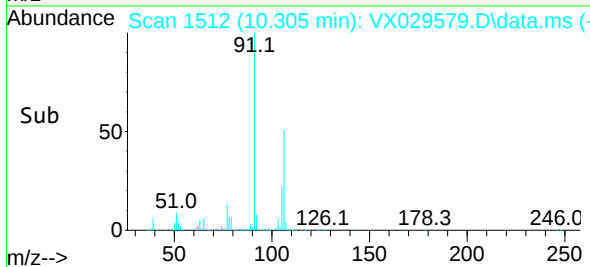
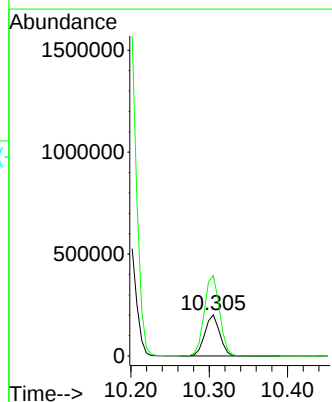
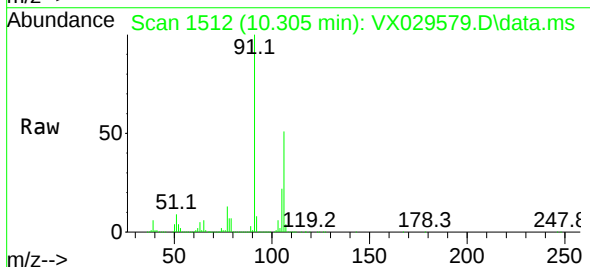
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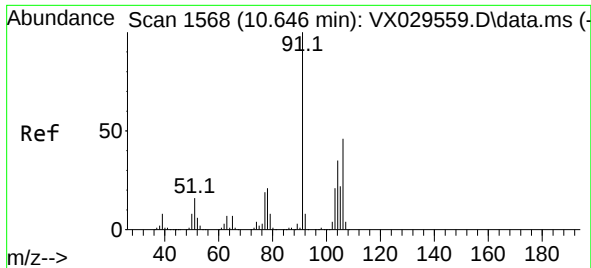
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#68
m/p-Xylenes
Concen: 47.323 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion:106 Resp: 264746
Ion Ratio Lower Upper
106 100
91 201.6 160.4 240.6





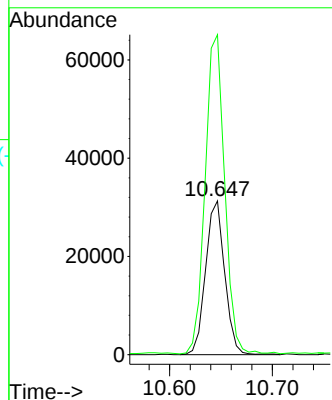
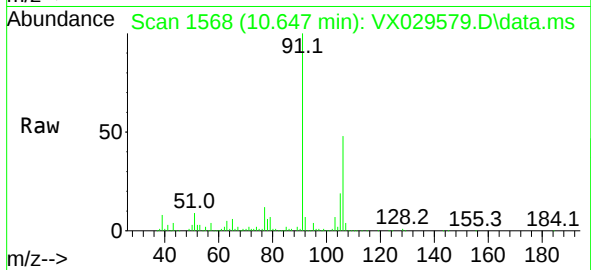
#69
o-Xylene
Concen: 7.307 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tgt Ion:106 Resp: 40389
Ion Ratio Lower Upper
106 100
91 211.8 106.1 318.1

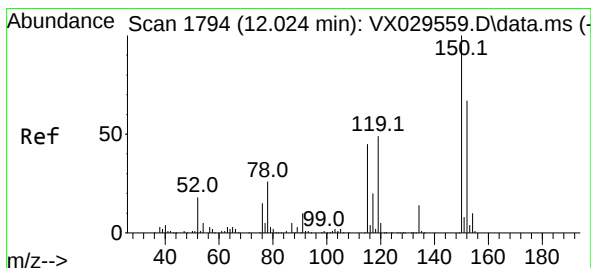
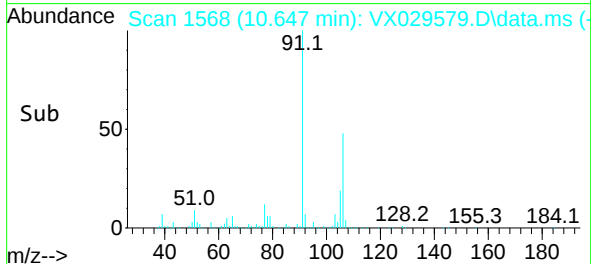
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Supervised By :Mahesh Dadoda 06/23/2022



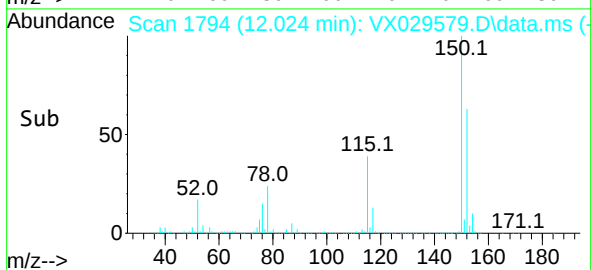
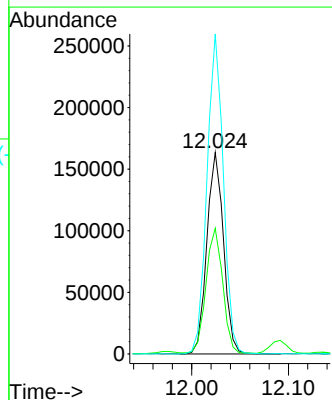
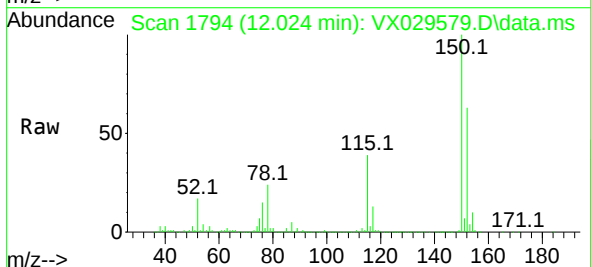
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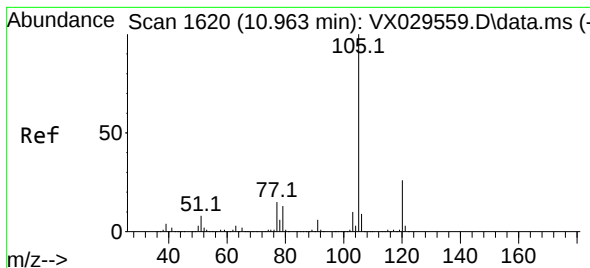
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion:152 Resp: 195790
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 156.3 0.0 338.2





#73

Isopropylbenzene

Concen: 116.899 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX029579.D

Acq: 18 Jun 2022 18:56

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

Tgt Ion:105 Resp: 171609

Ion Ratio Lower Upper

105 100

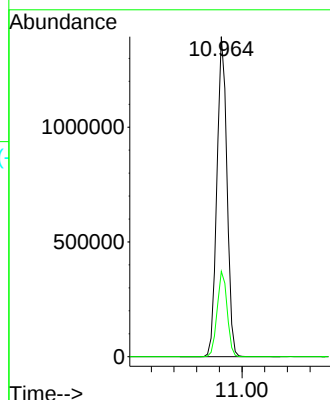
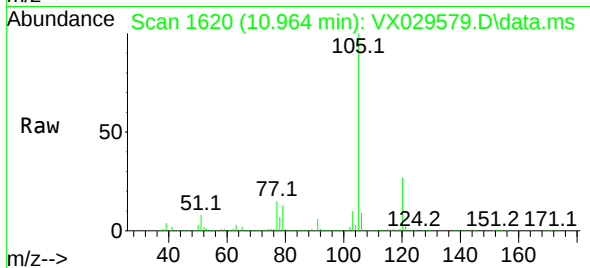
120 26.5 13.5 40.5

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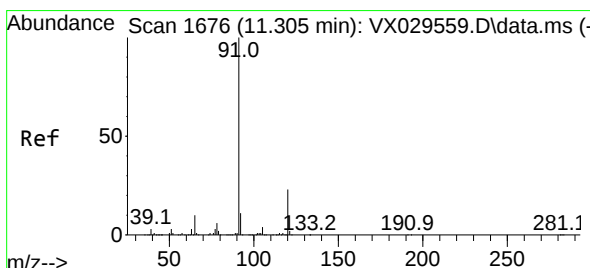
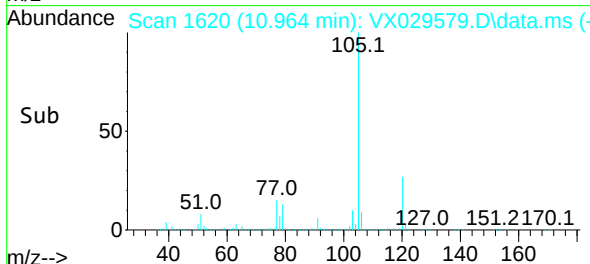
Supervised By :Mahesh Dadoda 06/23/2022



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Supervised By :Mahesh
Dadoda

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#78

n-propylbenzene

Concen: 318.355 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029579.D

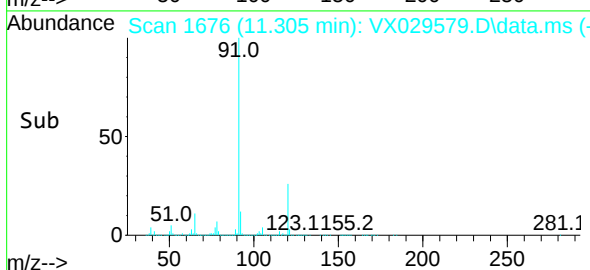
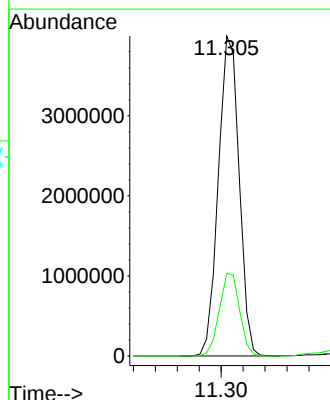
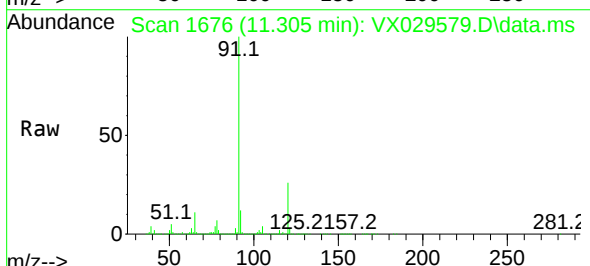
Acq: 18 Jun 2022 18:56

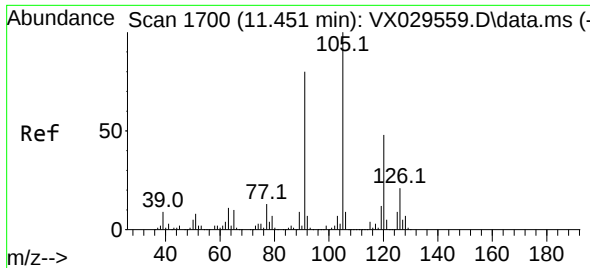
Tgt Ion: 91 Resp: 5263607

Ion Ratio Lower Upper

91 100

120 25.2 11.6 34.8





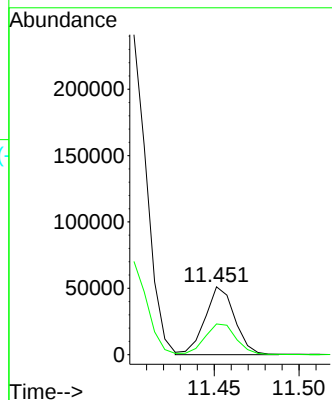
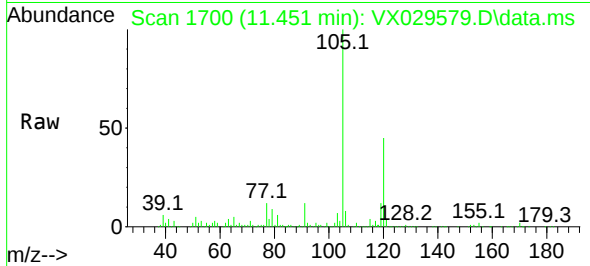
#80
1,3,5-Trimethylbenzene
Concen: 5.048 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tgt Ion:105 Resp: 62407
Ion Ratio Lower Upper
105 100
120 194.4 24.3 72.9

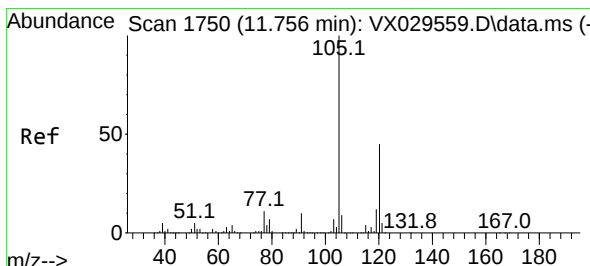
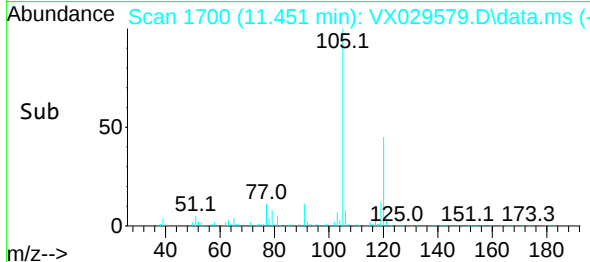
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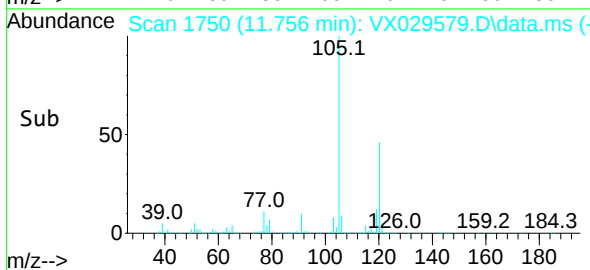
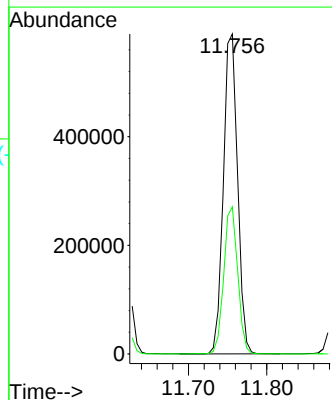
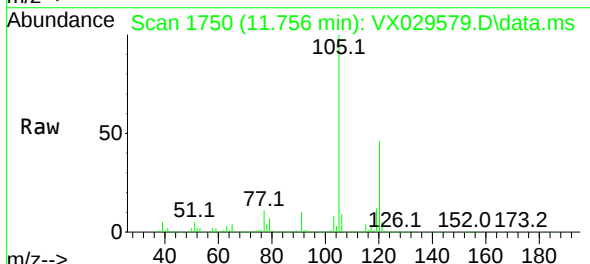
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Dadoda

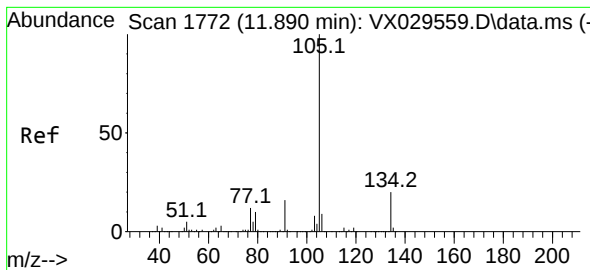
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#84
1,2,4-Trimethylbenzene
Concen: 60.345 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion:105 Resp: 744067
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





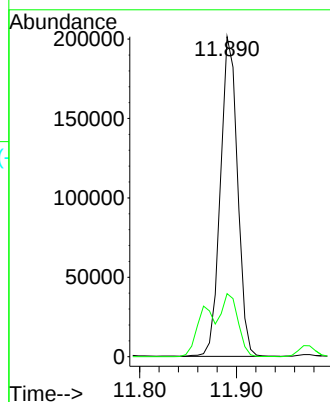
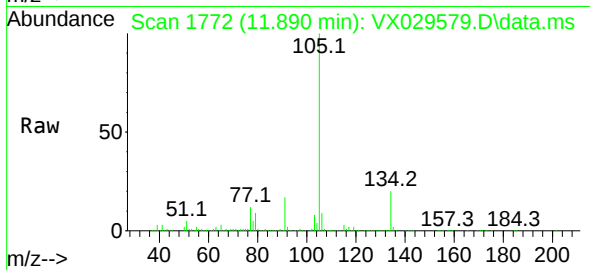
#85
 sec-Butylbenzene
 Concen: 16.541 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029579.D
 Acq: 18 Jun 2022 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1A

Tgt Ion:105 Resp: 24711
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4

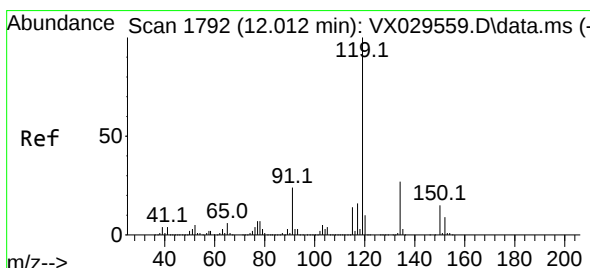
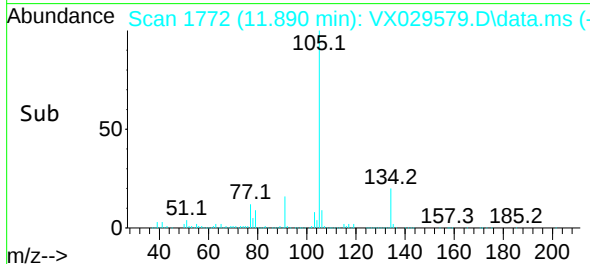
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 Supervised By :Mahesh Dadoda 06/23/2022



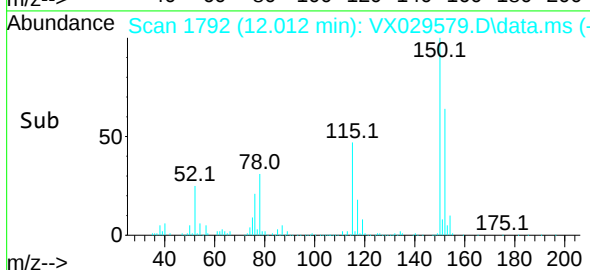
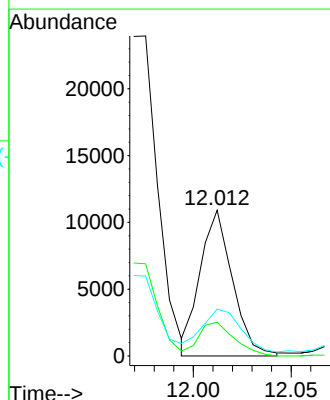
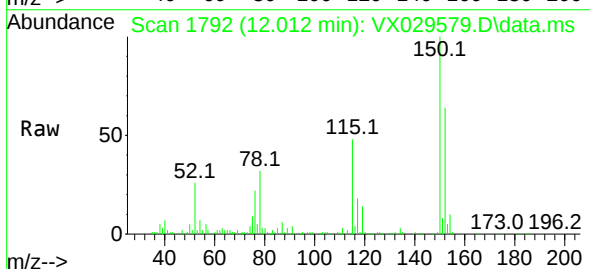
06/23/2022
 Supervised By :Mahesh
 Dadoda

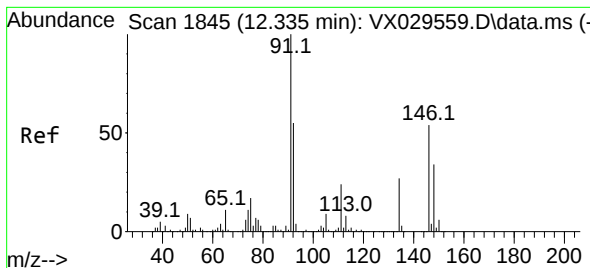
06/23/2022



#86
 p-Isopropyltoluene
 Concen: 1.005 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029579.D
 Acq: 18 Jun 2022 18:56

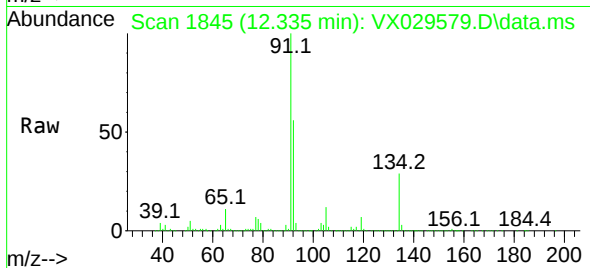
Tgt Ion:119 Resp: 12574
 Ion Ratio Lower Upper
 119 100
 134 100.2 13.0 39.0#
 91 0.0 11.3 33.9#





#89
n-Butylbenzene
Concen: 31.135 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

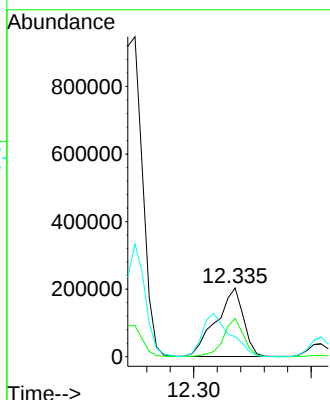
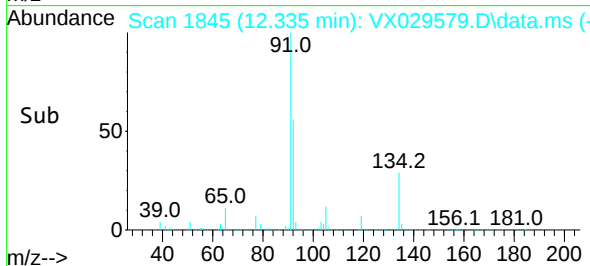
Instrument :
MSVOA_X
ClientSampleId :
MW-1A



Tgt Ion: 91 Resp: 328700
Ion Ratio Lower Upper
91 100
92 41.5 27.8 83.3
134 64.0 13.3 39.8

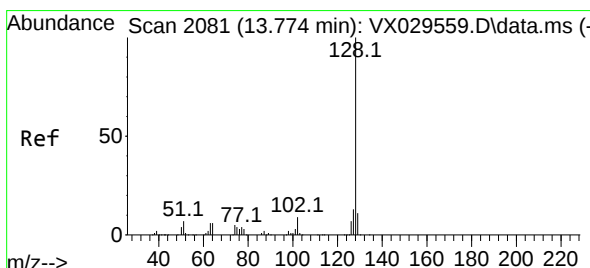
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



06/23/2022
Supervised By :Mahesh
Dadoda

06/23/2022



#95
Naphthalene
Concen: 290.810 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029579.D
Acq: 18 Jun 2022 18:56

Tgt Ion:128 Resp: 3993869
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.7 8.7 13.1

