

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029577.D
 Acq On : 18 Jun 2022 18:09
 Operator : JC/MD
 Sample : N3290-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:35:33 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

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 Dadoda
 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	266214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153970	43.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.380%		
35) Dibromofluoromethane	5.391	113	134609	46.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.720%		
50) Toluene-d8	8.653	98	512765	48.342	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.085	95	193798	48.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.900%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	1284240	1726.985	ug/l	99
16) Acetone	2.386	43	16326	11.623	ug/l	100
17) Carbon Disulfide	2.520	76	2139	0.306	ug/l #	92
19) Methyl tert-butyl Ether	3.117	73	233585	24.947	ug/l #	49
22) Diisopropyl ether	3.763	45	47307	5.492	ug/l #	87
25) 2-Butanone	4.580	43	12475	5.619	ug/l	91
31) Cyclohexane	5.477	56	66675	14.093	ug/l #	96
39) Methylcyclohexane	7.385	83	64722	13.210	ug/l	92
40) Benzene	6.044	78	2441000	209.553	ug/l	99
52) Toluene	8.720	92	135101	18.112	ug/l	95
67) Ethyl Benzene	10.195	91	1584452	114.029	ug/l	97
68) m/p-Xylenes	10.305	106	385520	71.145	ug/l	97
69) o-Xylene	10.646	106	163449	30.530	ug/l	97
73) Isopropylbenzene	10.963	105	288609	20.718	ug/l	98
78) n-propylbenzene	11.305	91	845229	53.871	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	409958	34.944	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	618665	52.874	ug/l	100
85) sec-Butylbenzene	11.890	105	45314	3.196	ug/l	97
86) p-Isopropyltoluene	12.012	119	15517m	1.307	ug/l	
89) n-Butylbenzene	12.329	91	75053	7.492	ug/l #	36
95) Naphthalene	13.780	128	636312	48.825	ug/l	99

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

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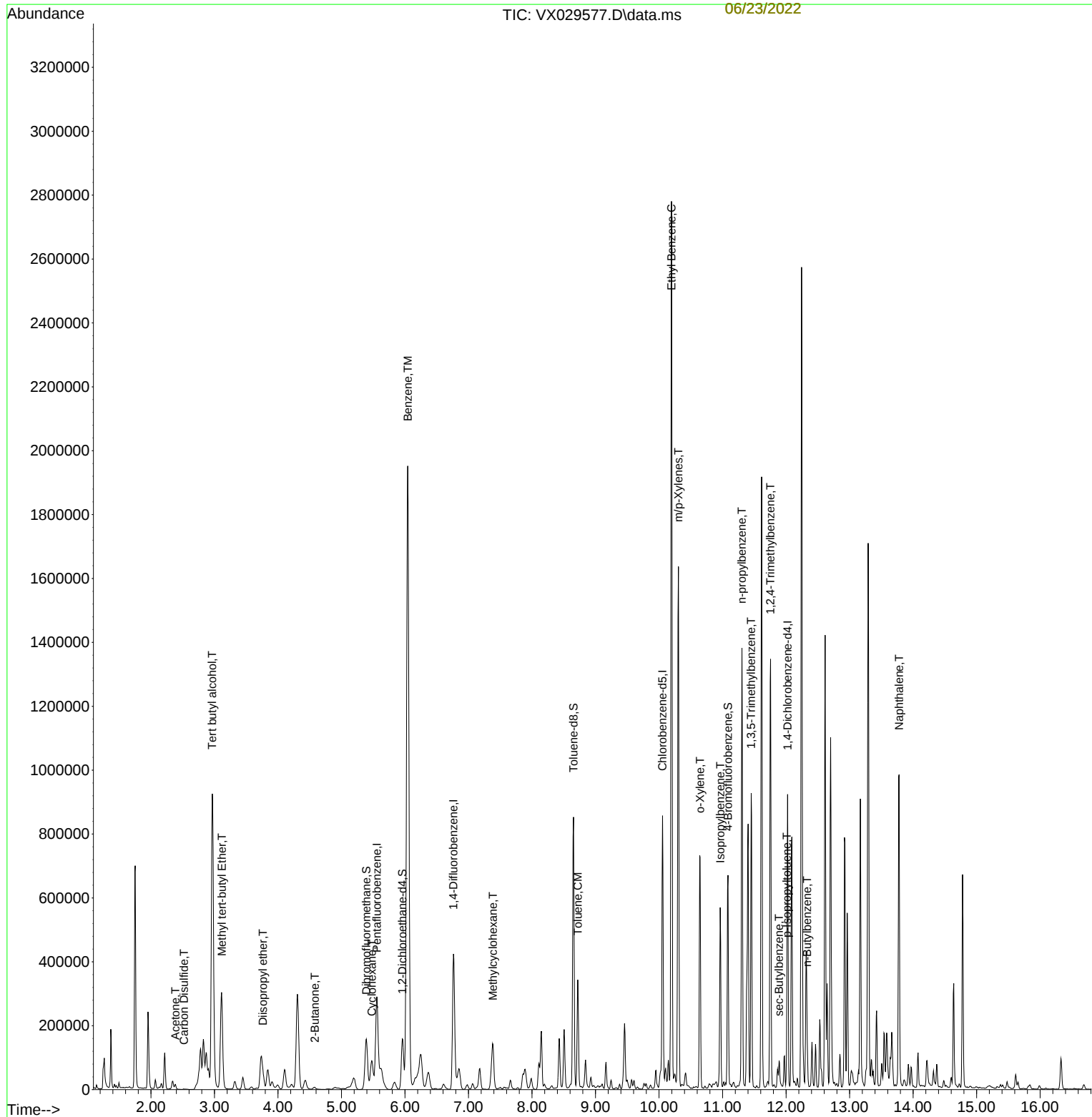
Instrument :
MSVOA_X
ClientSampleId :

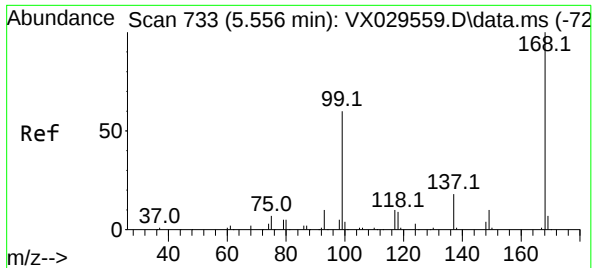
Quant Time: Jun 20 01:35:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/23/2022

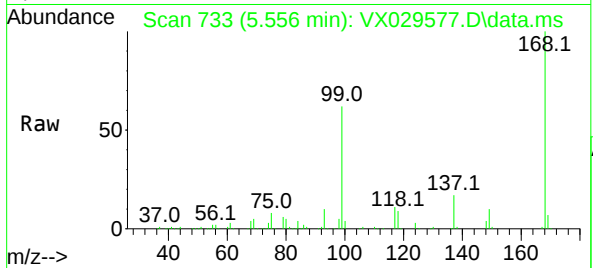
Supervised By :Mahesh
Dadoda
06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

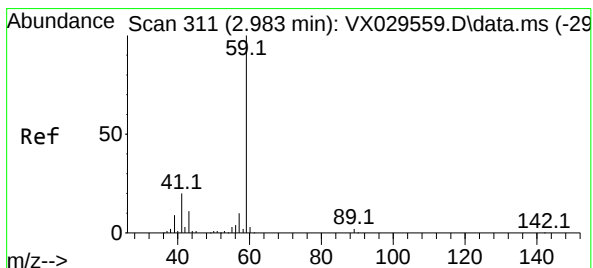
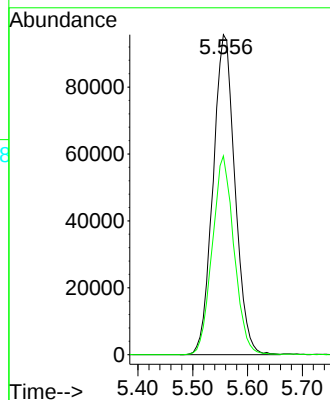


Tgt Ion:168 Resp: 266214
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5

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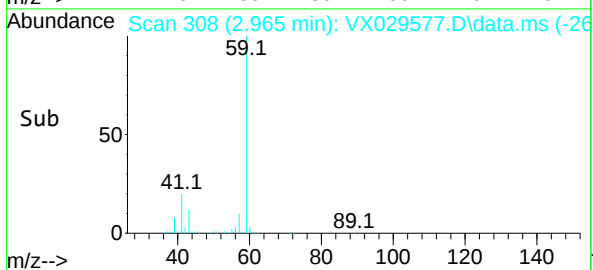
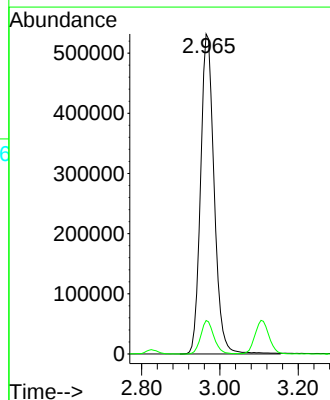
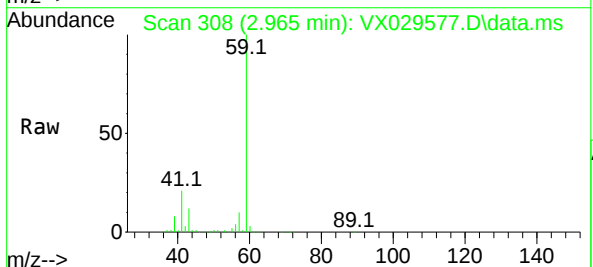
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

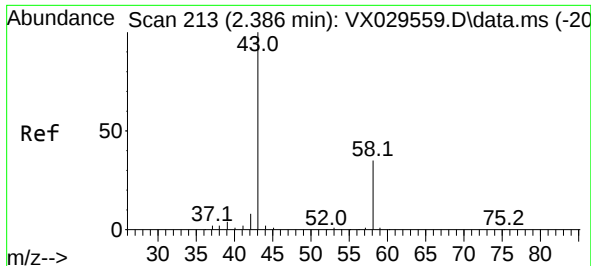
Supervised By :Mahesh
Dadoda
06/23/2022



#11
Tert butyl alcohol
Concen: 1726.985 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

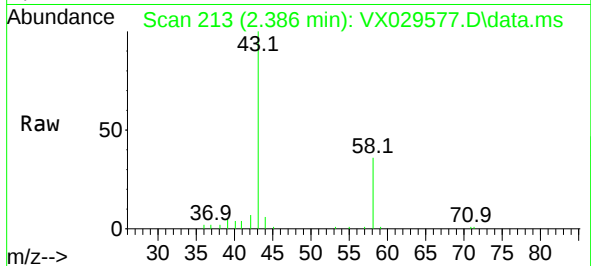
Tgt Ion: 59 Resp: 1284240
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#16
Acetone
Concen: 11.623 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

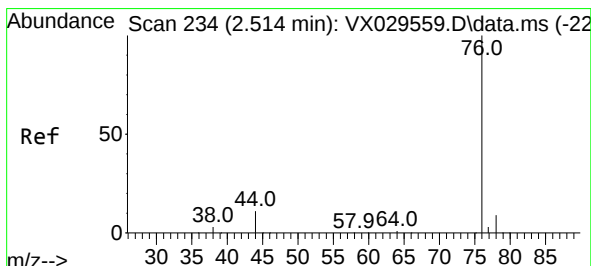
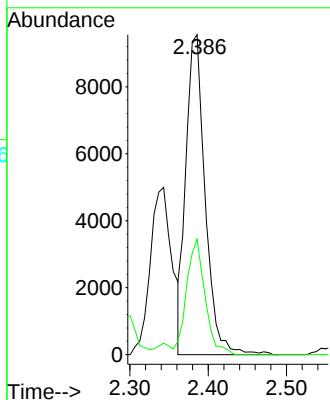
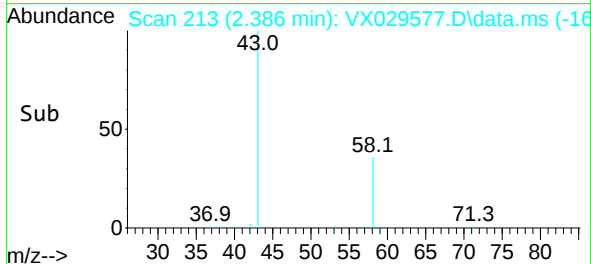


Tgt Ion: 43 Resp: 16320
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2

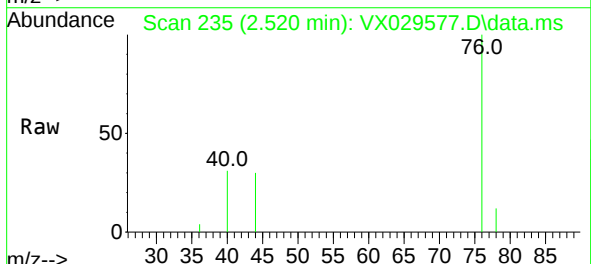
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Supervised By :Mahesh Dadoda 06/23/2022

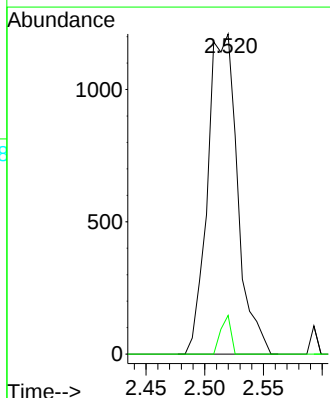
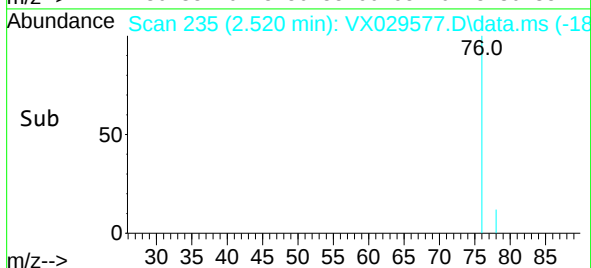
Supervised By :Mahesh
Dadoda
06/23/2022

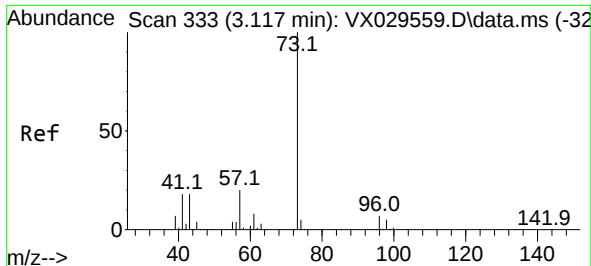


#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09



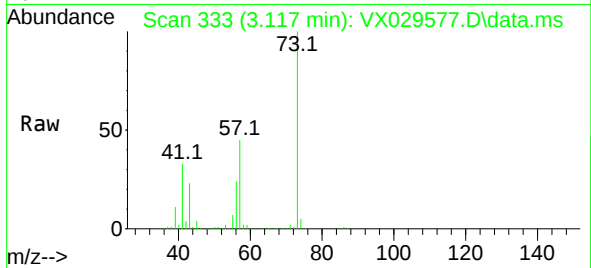
Tgt Ion: 76 Resp: 2139
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 24.947 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

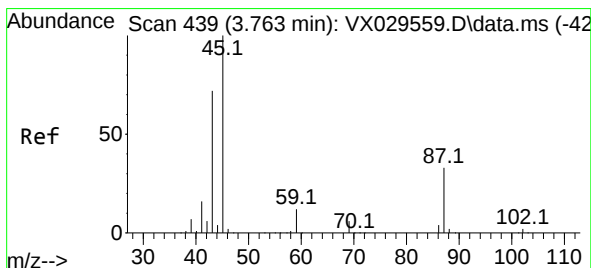
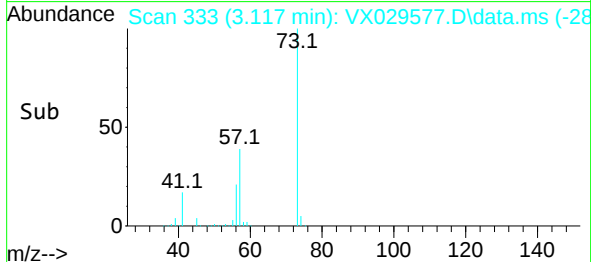
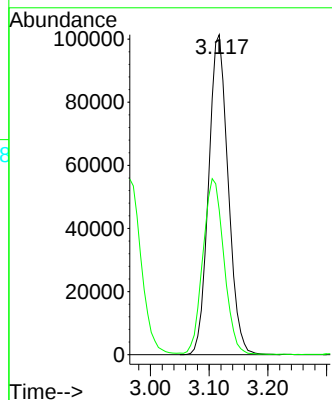


Tgt Ion: 73 Resp: 23358
Ion Ratio Lower Upper
73 100
57 45.0 16.8 25.2

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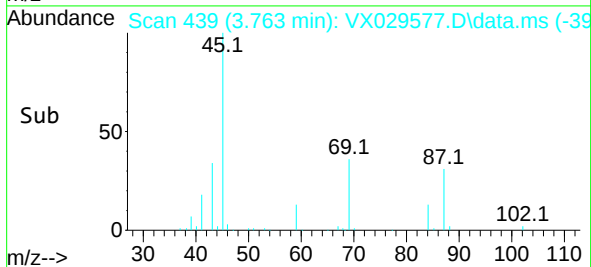
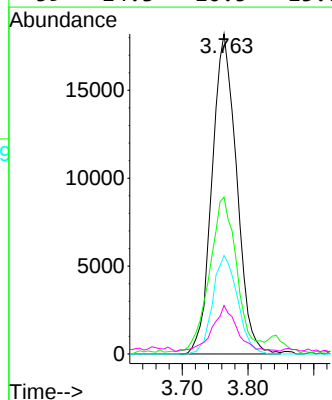
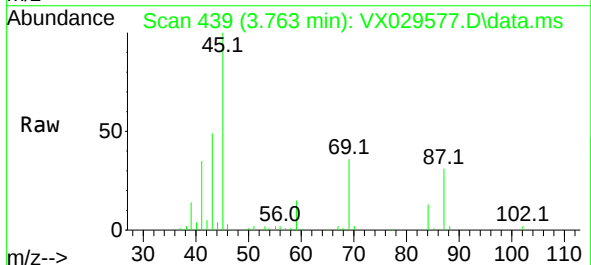
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

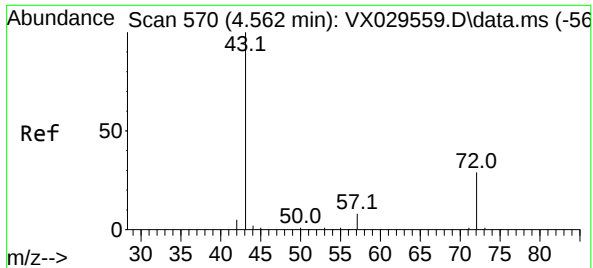
Supervised By :Mahesh
Dadoda
06/23/2022



#22
Diisopropyl ether
Concen: 5.492 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

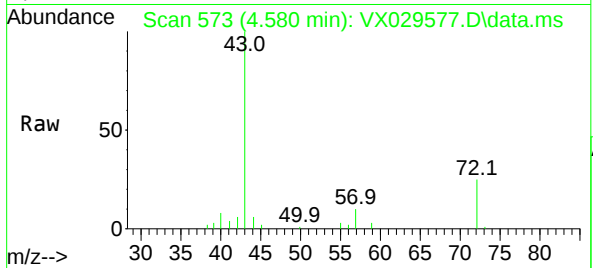
Tgt Ion: 45 Resp: 47307
Ion Ratio Lower Upper
45 100
43 48.0 50.8 76.2#
87 30.8 26.6 39.8
59 14.3 10.5 15.7





#25
2-Butanone
Concen: 5.619 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

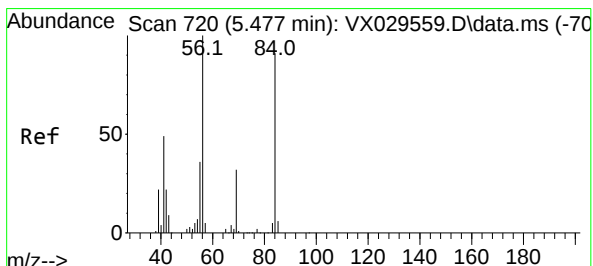
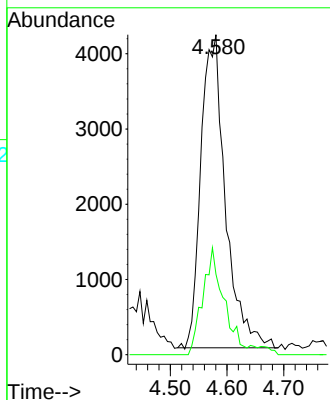
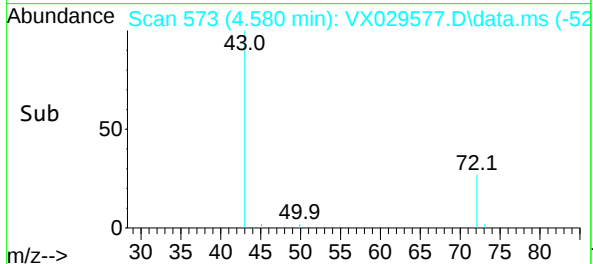


Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
72 25.7 24.4 36.6

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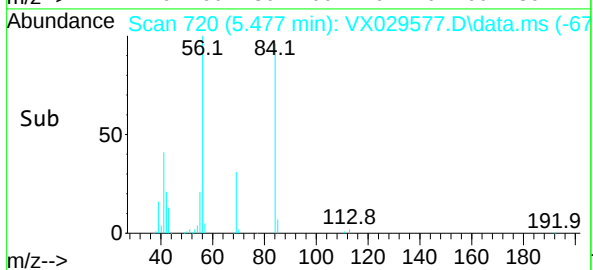
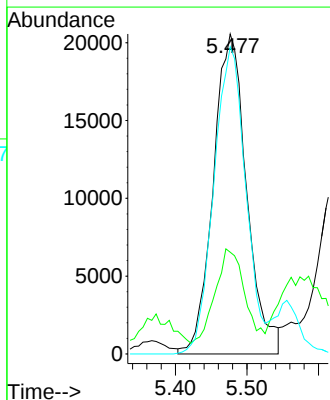
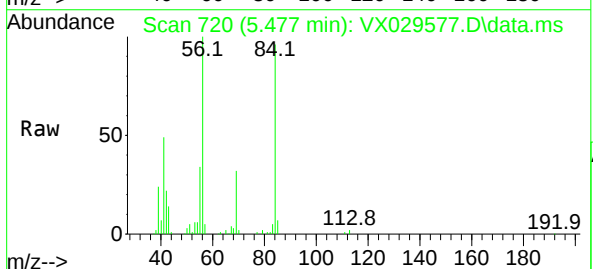
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Supervised By :Mahesh Dadoda 06/23/2022

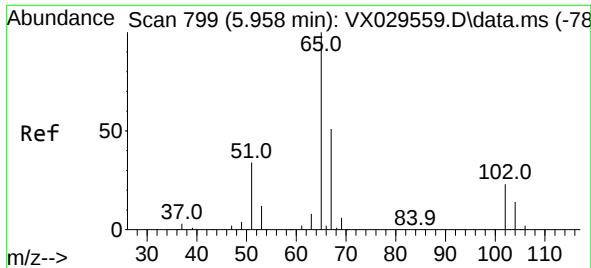
Supervised By :Mahesh
Dadoda
06/23/2022



#31
Cyclohexane
Concen: 14.093 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Tgt Ion: 56 Resp: 66675
Ion Ratio Lower Upper
56 100
69 25.1 26.7 40.1#
84 97.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.692 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029577.D

Acq: 18 Jun 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 65 Resp: 153970

Ion Ratio Lower Upper

65 100

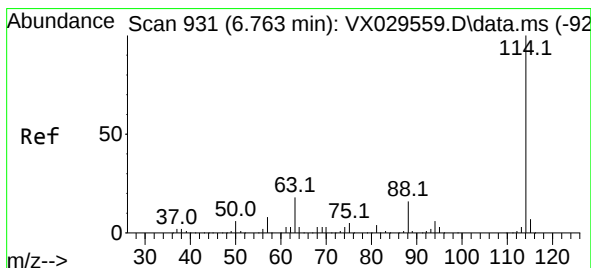
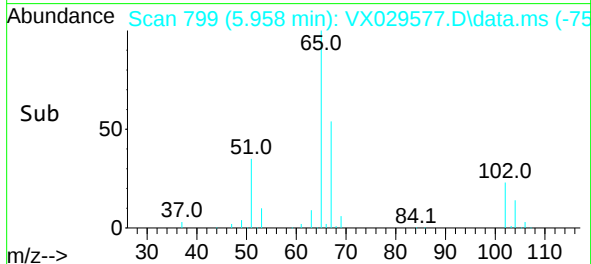
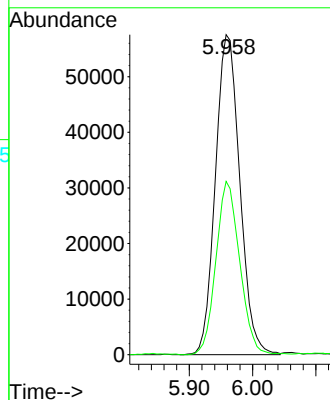
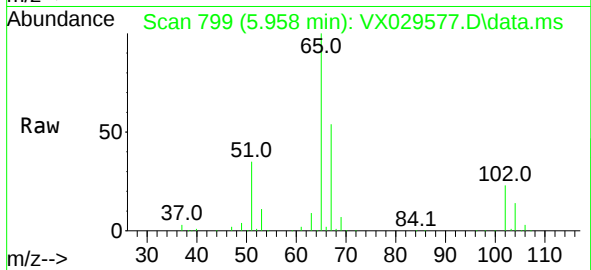
67 52.8 0.0 107.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029577.D

Acq: 18 Jun 2022 18:09

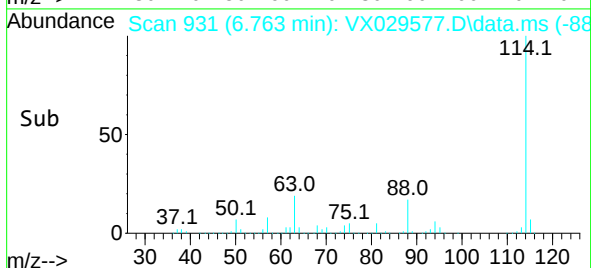
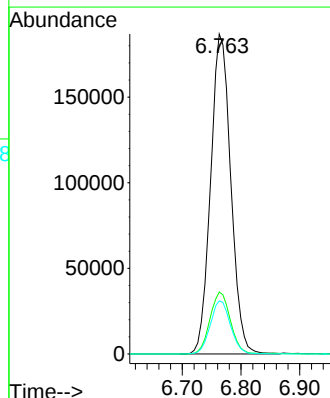
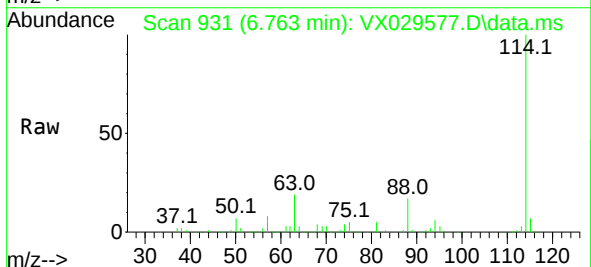
Tgt Ion:114 Resp: 445537

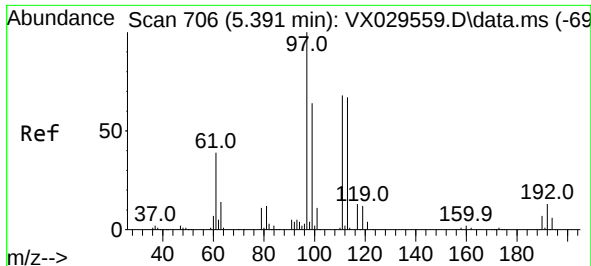
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

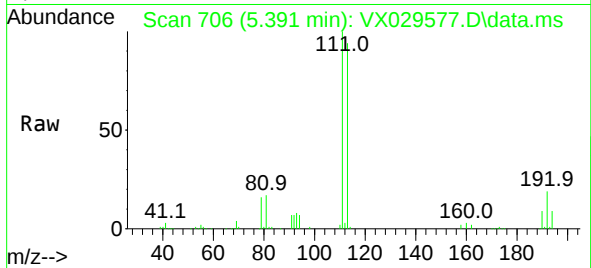
88 16.6 0.0 32.4





#35
Dibromofluoromethane
Concen: 46.361 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
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ClientSampleId :

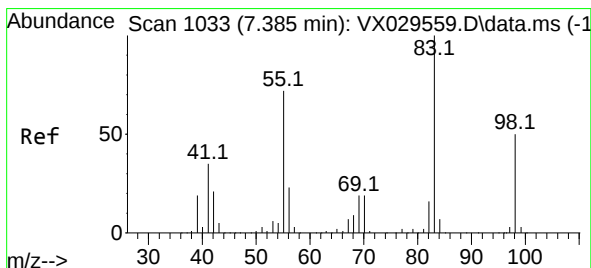
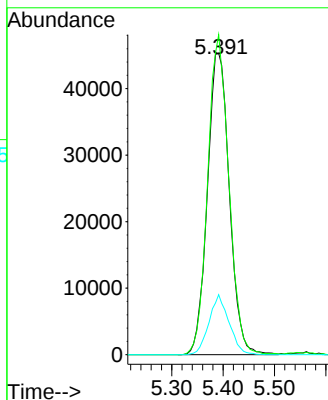
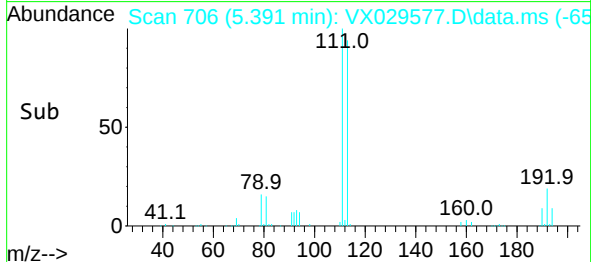


Tgt Ion: 113 Resp: 134609
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.2 16.9 25.3

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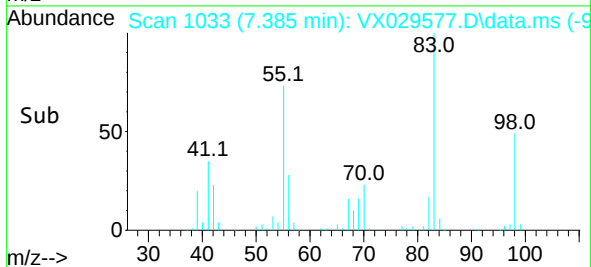
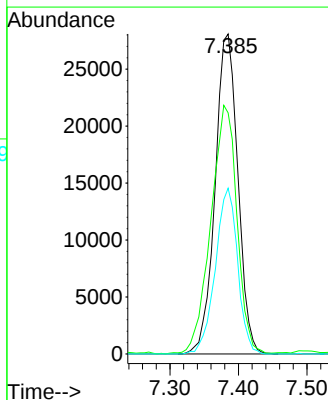
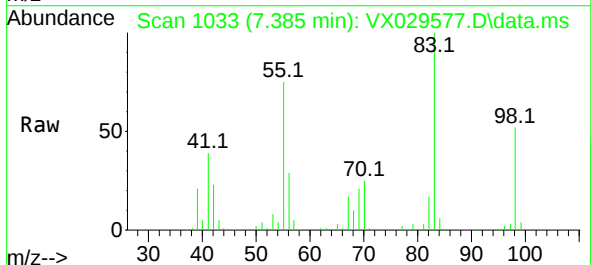
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

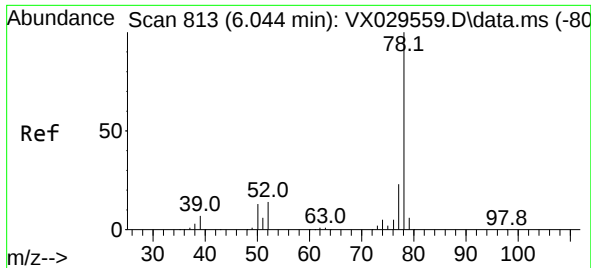
Supervised By :Mahesh
Dadoda
06/23/2022



#39
Methylcyclohexane
Concen: 13.210 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

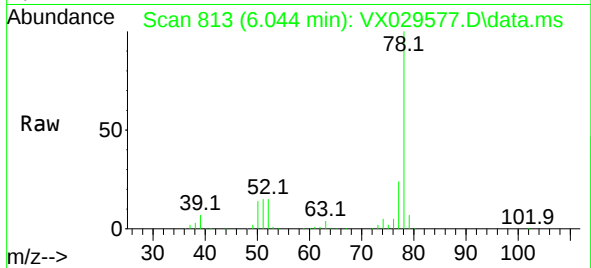
Tgt Ion: 83 Resp: 64722
Ion Ratio Lower Upper
83 100
55 75.0 54.6 81.8
98 51.8 37.4 56.2





#40
Benzene
Concen: 209.553 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029577.D
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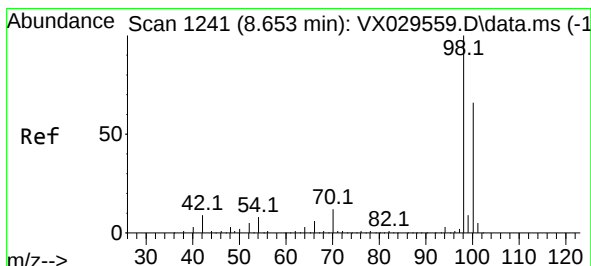
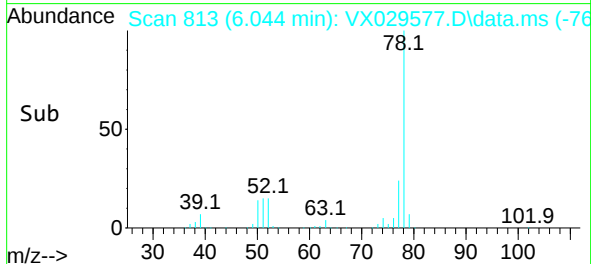
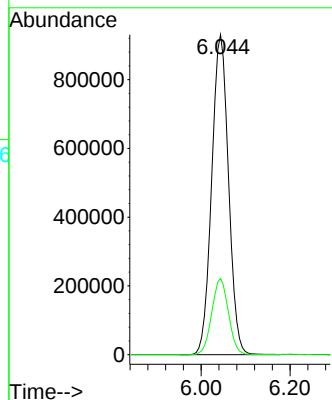


Tgt Ion: 78 Resp: 2441000
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

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APPROVED

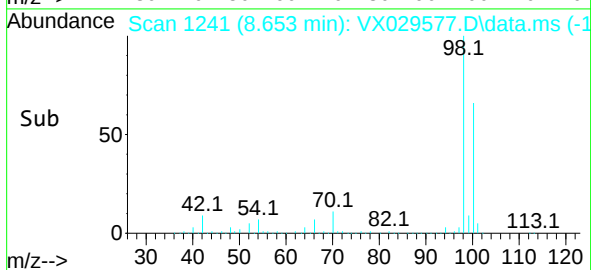
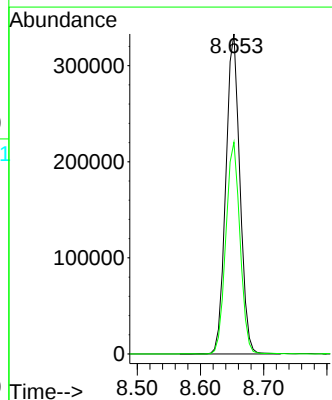
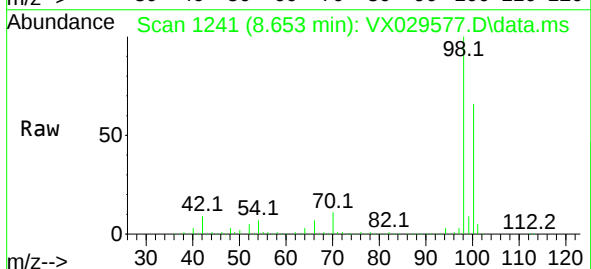
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

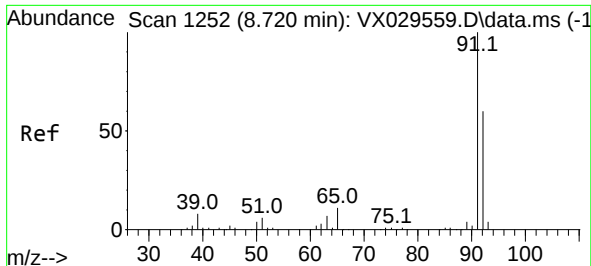
Supervised By :Mahesh
Dadoda
06/23/2022



#50
Toluene-d8
Concen: 48.342 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

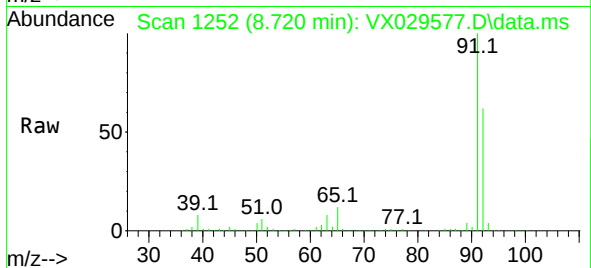
Tgt Ion: 98 Resp: 512765
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52
Toluene
Concen: 18.112 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

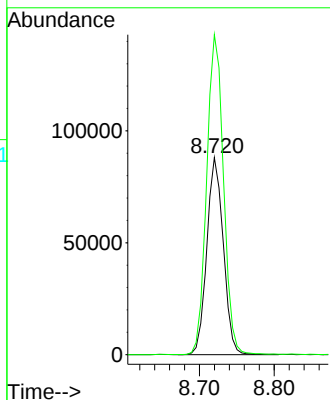
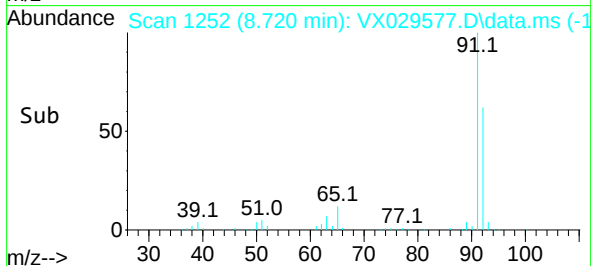
Instrument :
MSVOA_X
ClientSampleId :



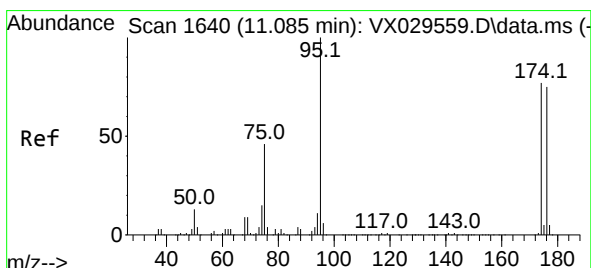
Tgt Ion: 92 Resp: 13510
Ion Ratio Lower Upper
92 100
91 165.5 137.5 206.3

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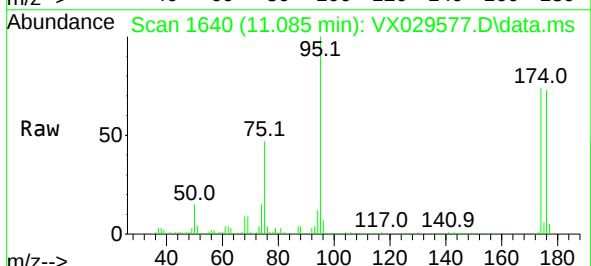
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



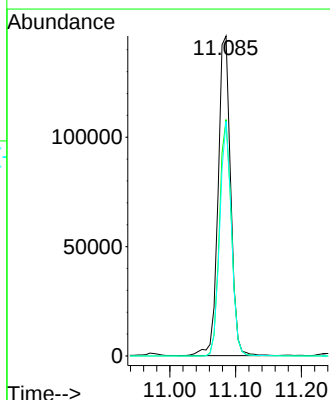
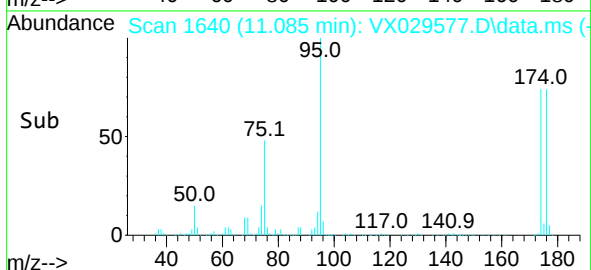
Supervised By :Mahesh
Dadoda
06/23/2022

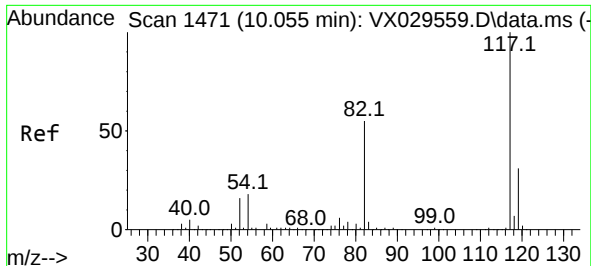


#62
4-Bromofluorobenzene
Concen: 48.449 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09



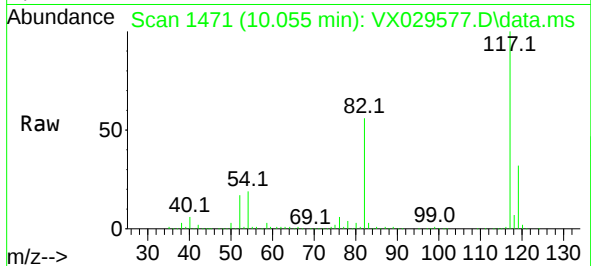
Tgt Ion: 95 Resp: 193798
Ion Ratio Lower Upper
95 100
174 70.2 0.0 163.0
176 68.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

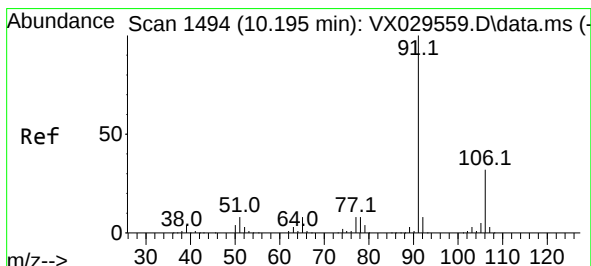
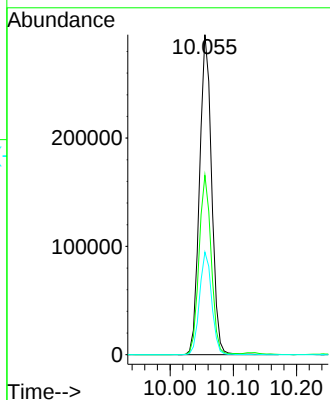
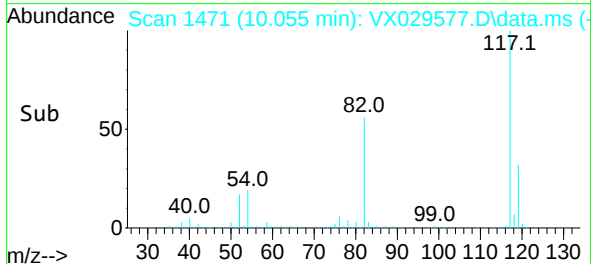


Tgt Ion:117 Resp: 393654
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.1 24.8 37.2

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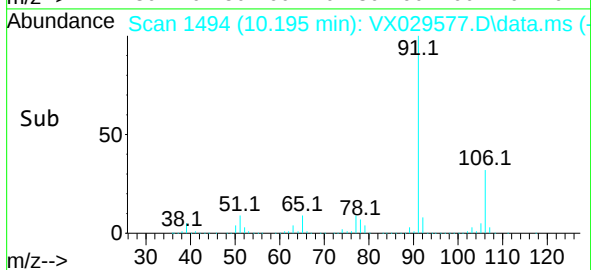
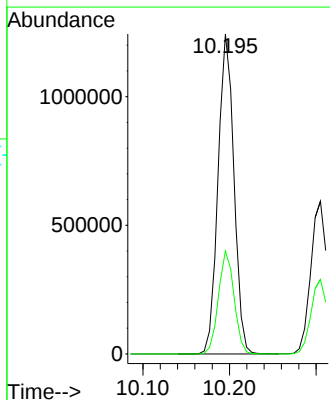
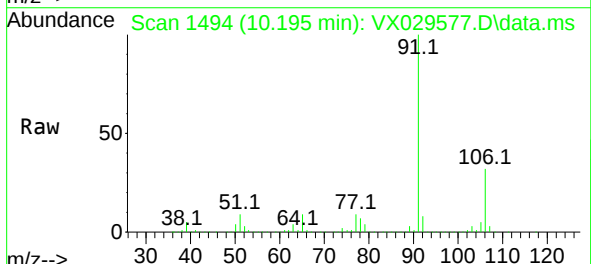
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

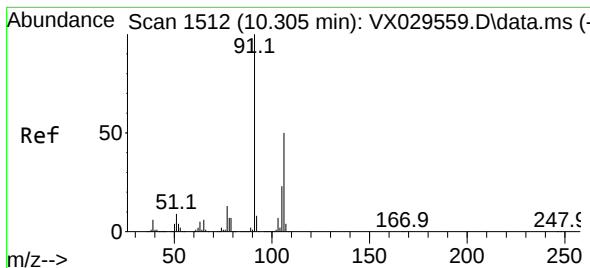
Supervised By :Mahesh
Dadoda
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#67
Ethyl Benzene
Concen: 114.029 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

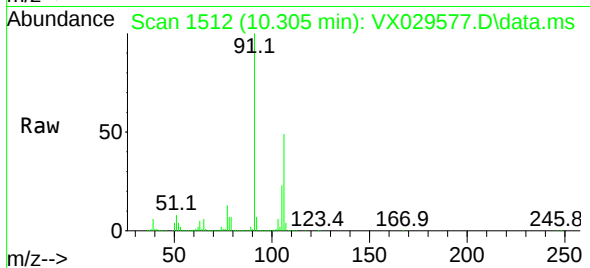
Tgt Ion: 91 Resp: 1584452
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8





#68
m/p-Xylenes
Concen: 71.145 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

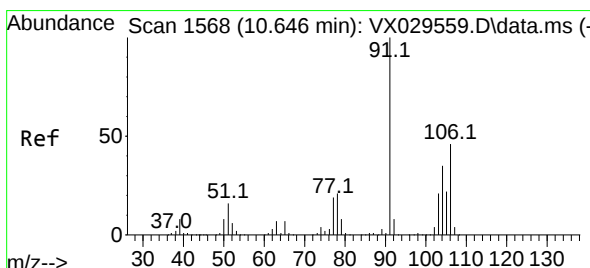
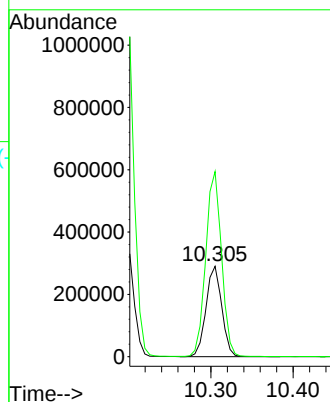
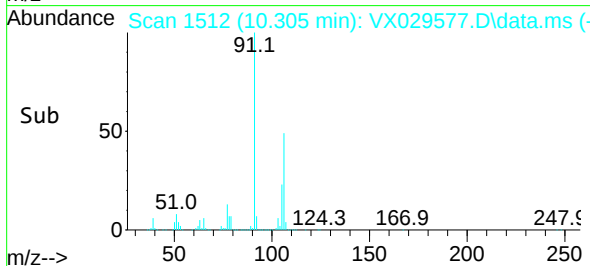


Tgt Ion:106 Resp: 385520
Ion Ratio Lower Upper
106 100
91 205.5 160.4 240.6

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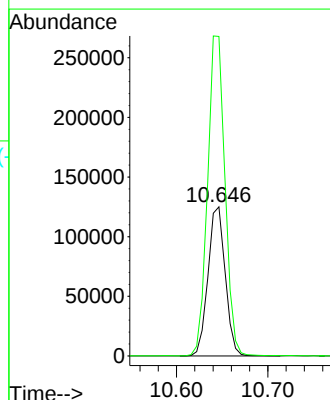
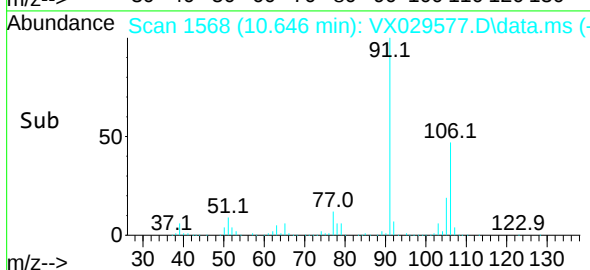
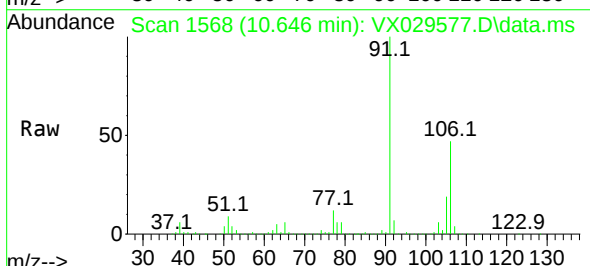
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

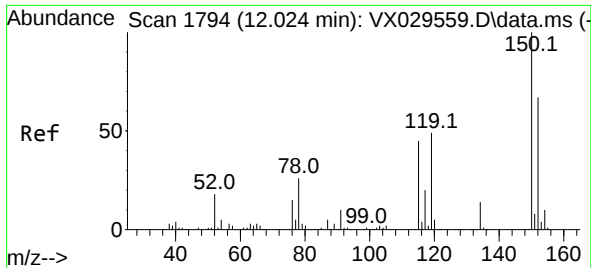
Supervised By :Mahesh
Dadoda
06/23/2022



#69
o-Xylene
Concen: 30.530 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

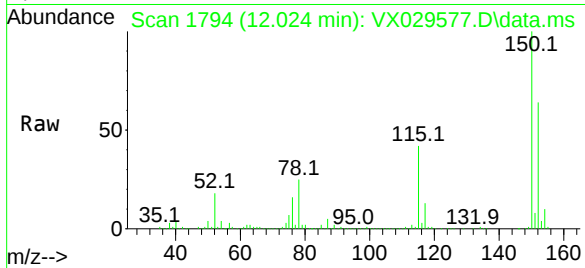
Tgt Ion:106 Resp: 163449
Ion Ratio Lower Upper
106 100
91 216.8 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

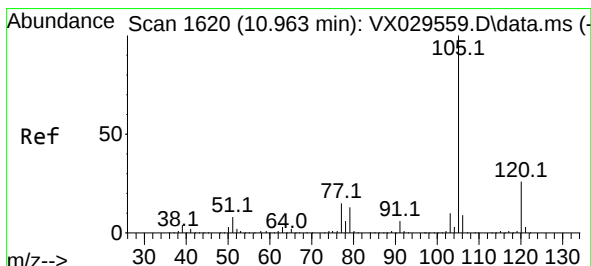
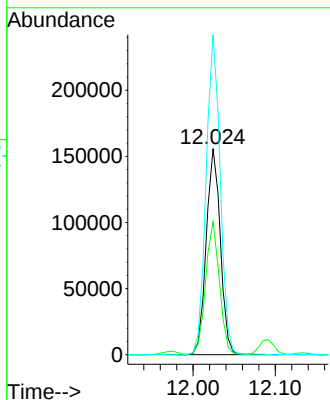
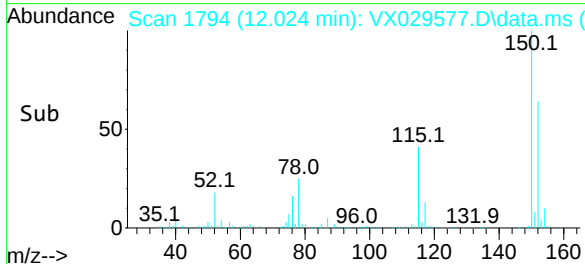


Tgt Ion:152 Resp: 185798
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 155.1 0.0 338.2

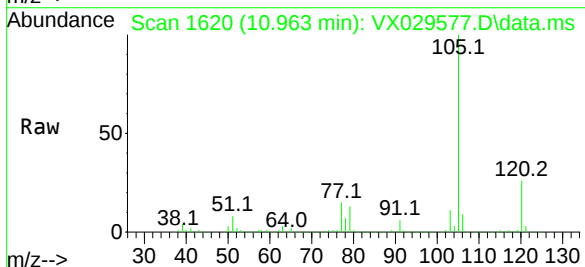
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

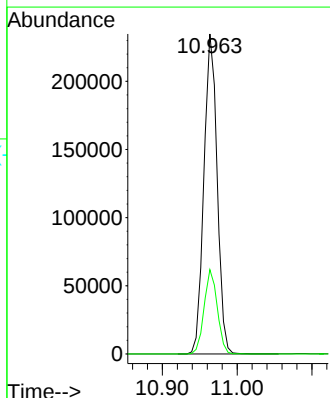
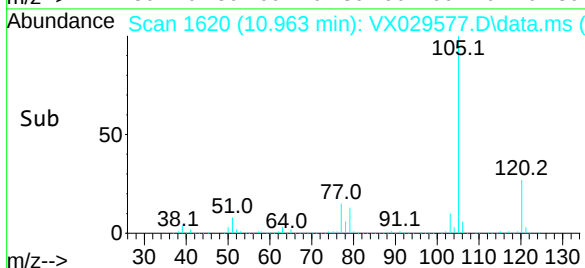
Supervised By :Mahesh
Dadoda
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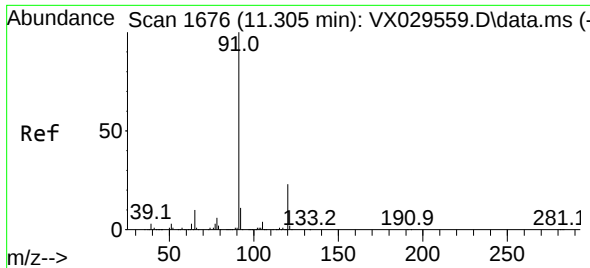


#73
Isopropylbenzene
Concen: 20.718 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09



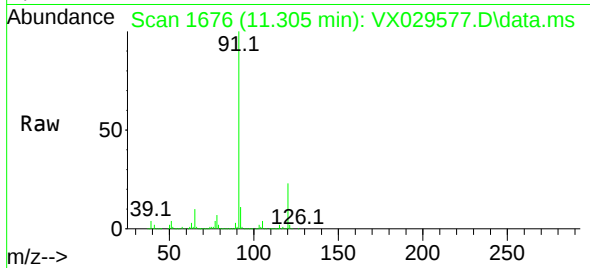
Tgt Ion:105 Resp: 288609
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5





#78
n-propylbenzene
Concen: 53.871 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

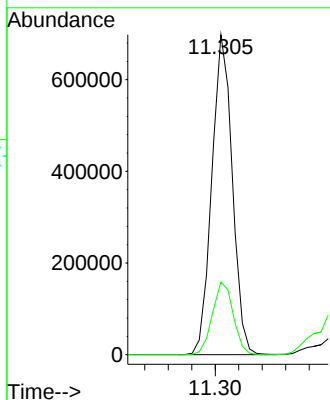
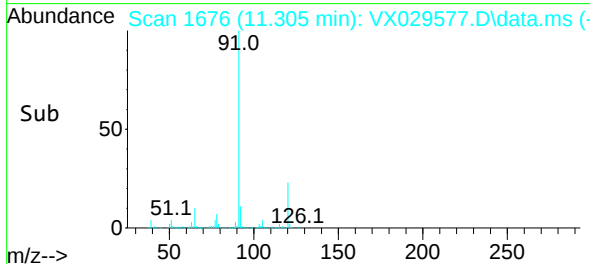
Instrument :
MSVOA_X
ClientSampleId :



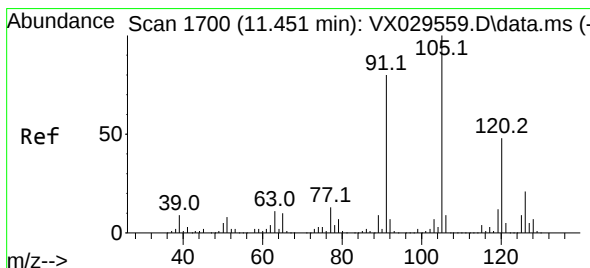
Tgt Ion: 91 Resp: 845229
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8

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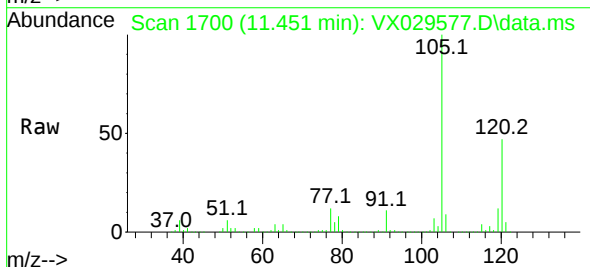
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



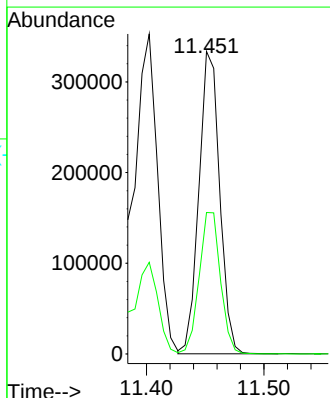
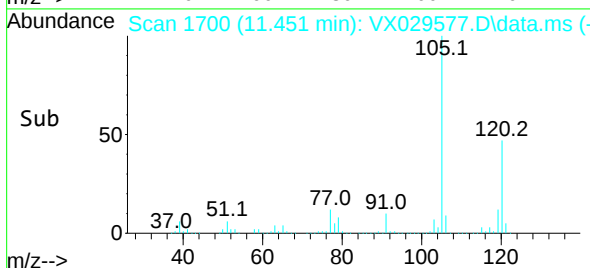
Supervised By :Mahesh
Dadoda
06/23/2022

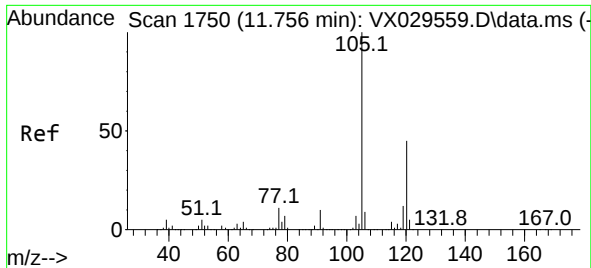


#80
1,3,5-Trimethylbenzene
Concen: 34.944 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09



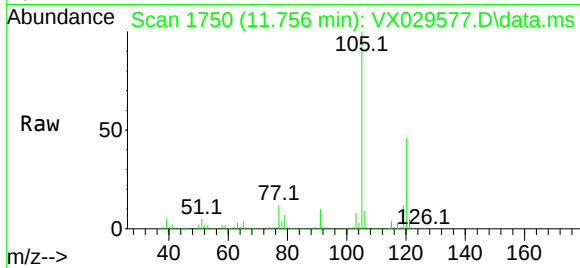
Tgt Ion:105 Resp: 409958
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 52.874 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

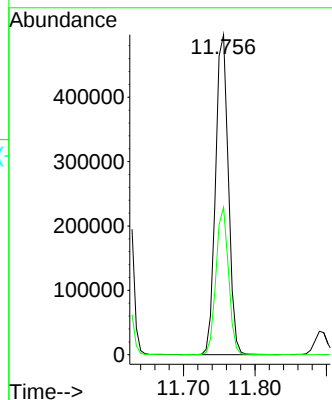
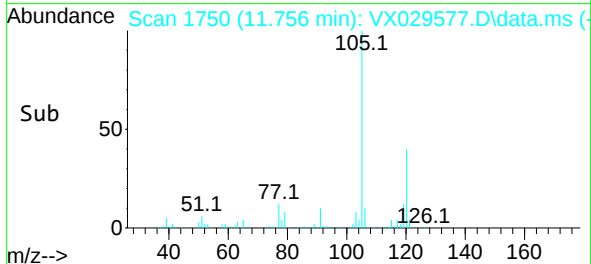
Instrument :
MSVOA_X
ClientSampleId :



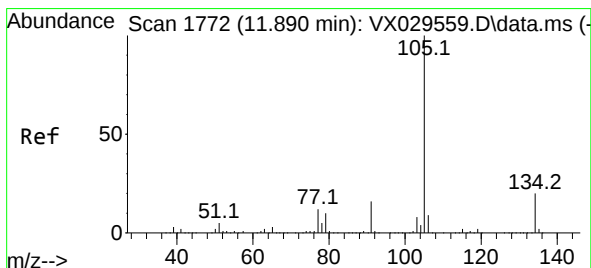
Tgt Ion:105 Resp: 61866
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8

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

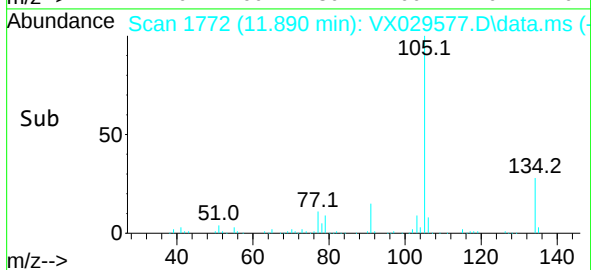
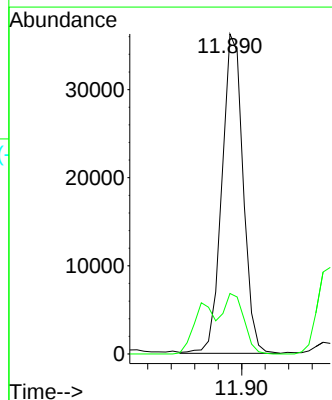
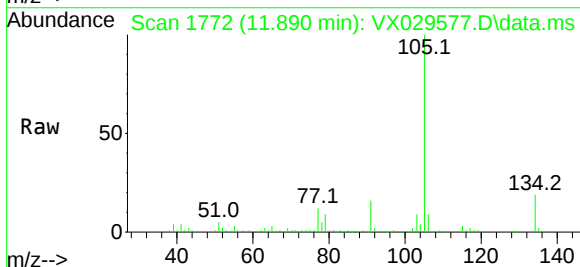


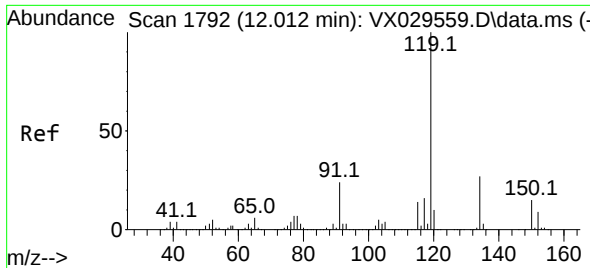
Supervised By :Mahesh
Dadoda
06/23/2022



#85
sec-Butylbenzene
Concen: 3.196 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

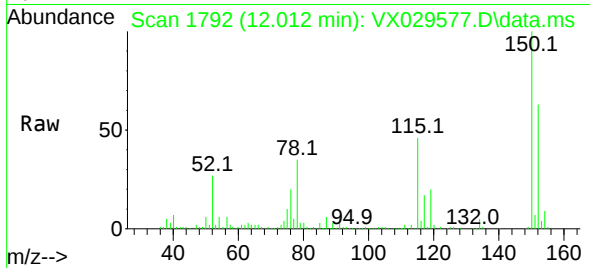
Tgt Ion:105 Resp: 45314
Ion Ratio Lower Upper
105 100
134 18.8 10.2 30.4





#86
p-Isopropyltoluene
Concen: 1.307 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :

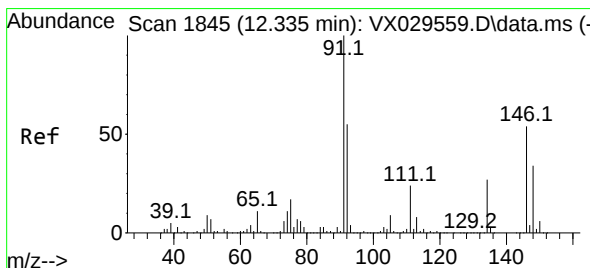
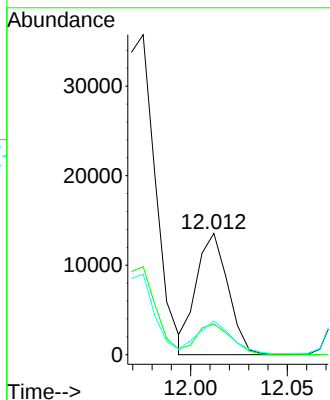
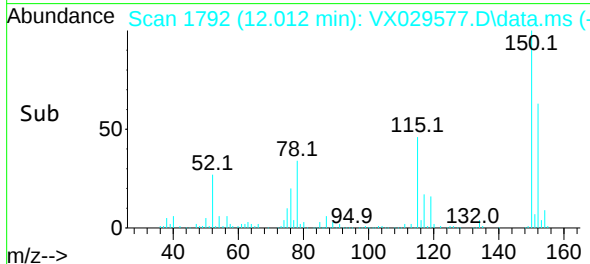


Tgt Ion:119 Resp: 1551
Ion Ratio Lower Upper
119 100
134 78.0 13.0 39.0
91 68.7 11.3 33.9

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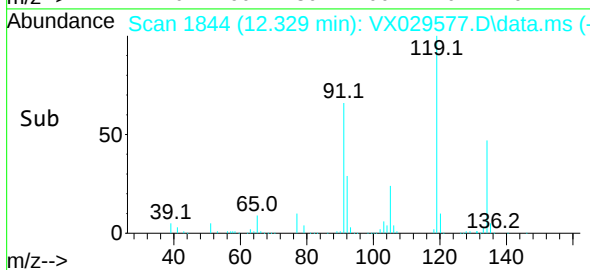
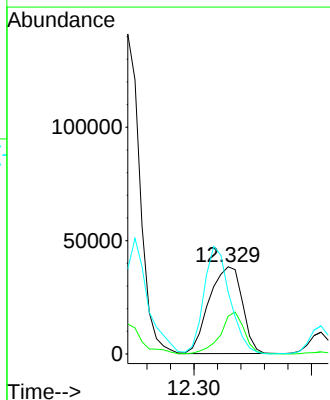
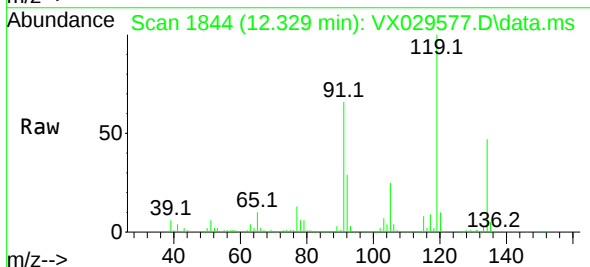
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

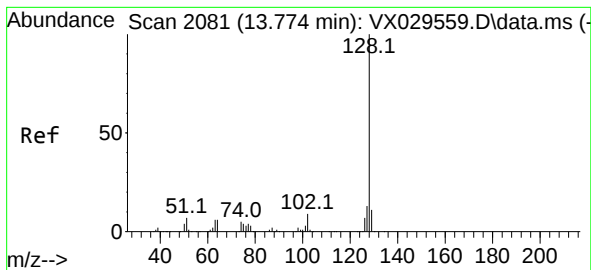
Supervised By :Mahesh
Dadoda
06/23/2022



#89
n-Butylbenzene
Concen: 7.492 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

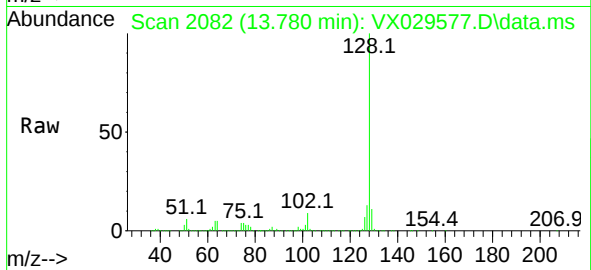
Tgt Ion: 91 Resp: 75053
Ion Ratio Lower Upper
91 100
92 34.8 27.8 83.3
134 96.9 13.3 39.8





#95
Naphthalene
Concen: 48.825 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029577.D
Acq: 18 Jun 2022 18:09

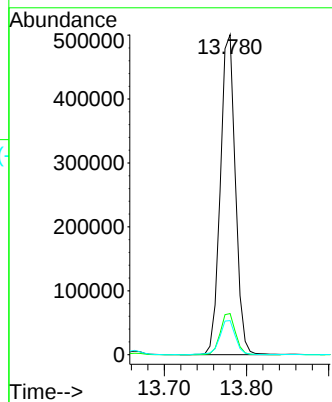
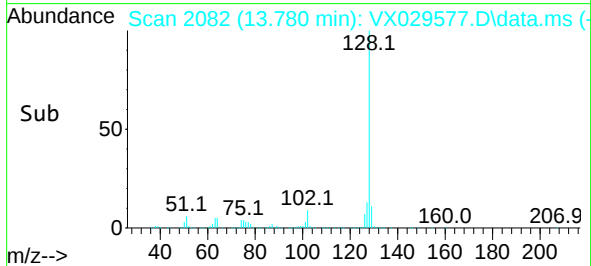
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 636312
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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



Supervised By :Mahesh
Dadoda
06/23/2022