

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029599.D
 Acq On : 19 Jun 2022 03:26
 Operator : JC/MD
 Sample : N3290-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1A

Quant Time: Jun 20 01:40:13 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

Supervised By :Mahesh
 Dadoda
 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	277869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158597	43.118	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.240%		
35) Dibromofluoromethane	5.391	113	137684	45.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.840%		
50) Toluene-d8	8.653	98	524445	47.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.760%		
62) 4-Bromofluorobenzene	11.079	95	196530	47.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	192051	239.196	ug/l	98
16) Acetone	2.380	43	29269	19.964	ug/l	99
17) Carbon Disulfide	2.520	76	3428	0.470	ug/l #	92
19) Methyl tert-butyl Ether	3.117	73	117276	12.000	ug/l #	48
22) Diisopropyl ether	3.757	45	26712	2.971	ug/l #	85
25) 2-Butanone	4.568	43	13399	5.782	ug/l	91
31) Cyclohexane	5.477	56	59759	12.101	ug/l #	92
39) Methylcyclohexane	7.385	83	53616	10.598	ug/l	91
40) Benzene	6.044	78	566377	47.087	ug/l	99
52) Toluene	8.720	92	20820	2.703	ug/l	98
67) Ethyl Benzene	10.195	91	31615	2.249	ug/l	98
68) m/p-Xylenes	10.305	106	34343	6.263	ug/l	95
69) o-Xylene	10.647	106	3722	0.687	ug/l	99
73) Isopropylbenzene	10.964	105	367385	27.627	ug/l	98
78) n-propylbenzene	11.305	91	864066	57.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	9220m	0.823	ug/l	
83) tert-Butylbenzene	11.713	119	3495	0.320	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.756	105	7766	0.695	ug/l	96
85) sec-Butylbenzene	11.890	105	37128	2.744	ug/l	98
86) p-Isopropyltoluene	12.012	119	4560m	0.402	ug/l	
89) n-Butylbenzene	12.335	91	30493	3.188	ug/l #	69
95) Naphthalene	13.780	128	8030	0.645	ug/l #	91

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

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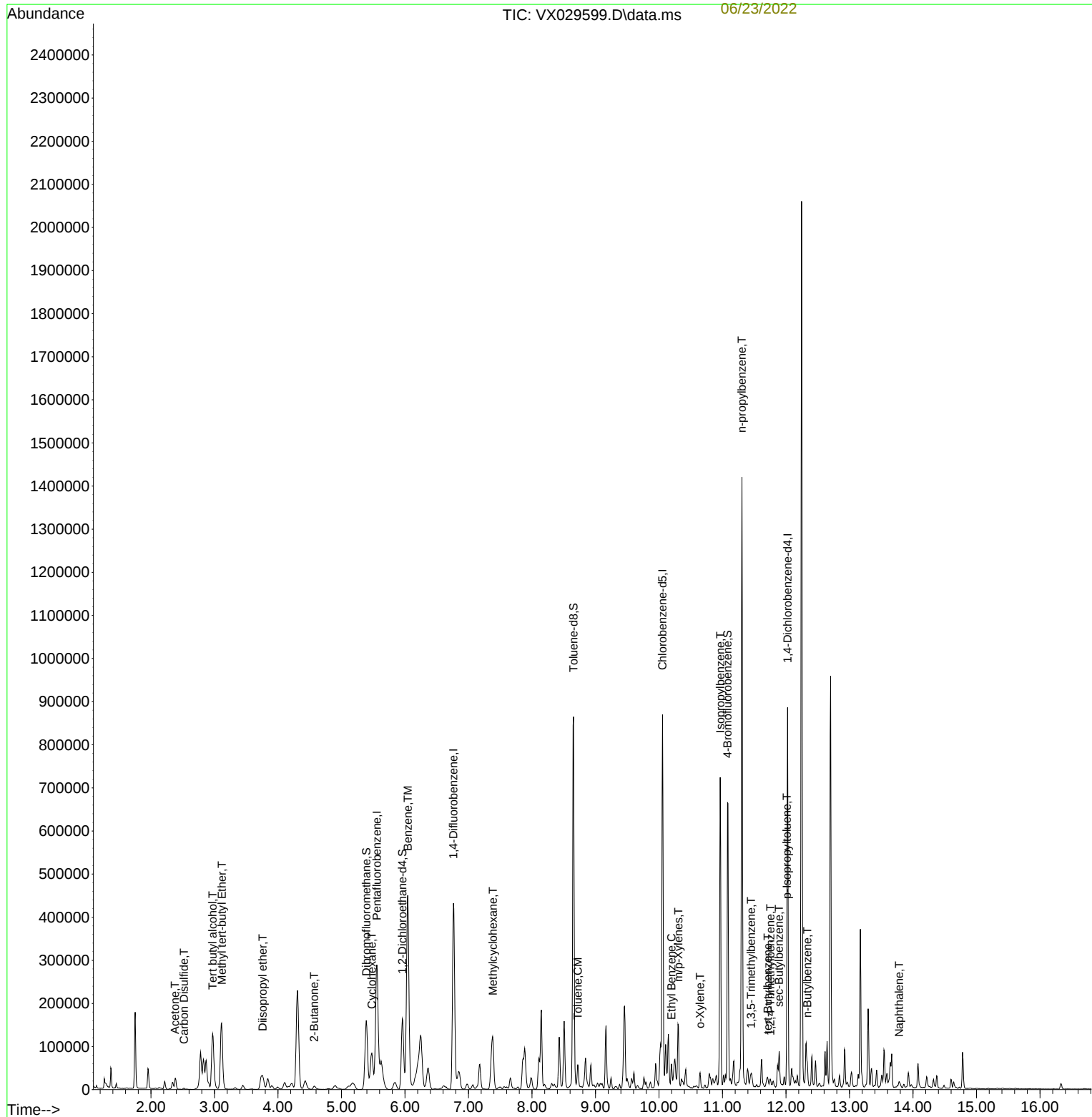
Instrument :
MSVOA_X
ClientSampleId :
RW-1A

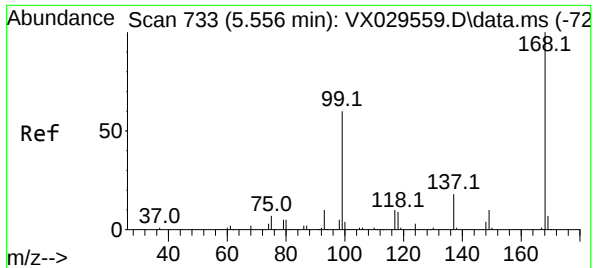
Quant Time: Jun 20 01:40:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

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

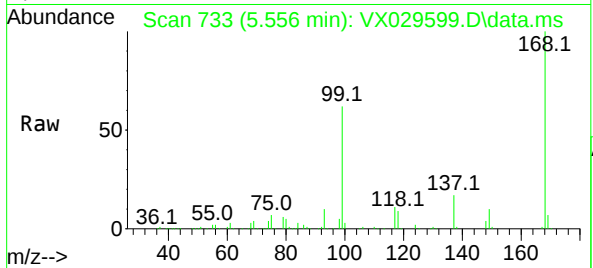
Supervised By :Mahesh
Dadoda
06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

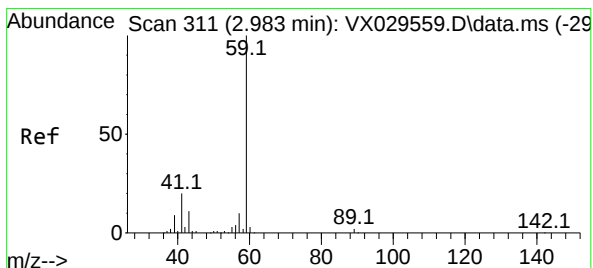
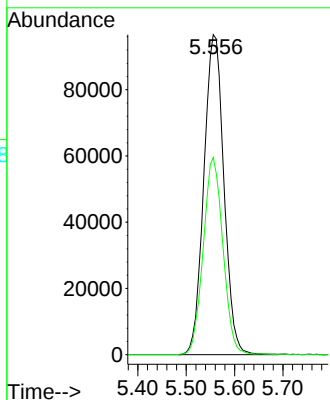
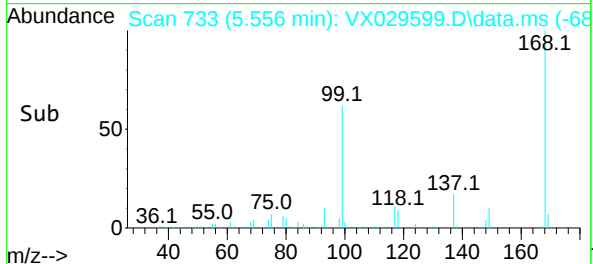
Instrument :
MSVOA_X
ClientSampleId :
RW-1A



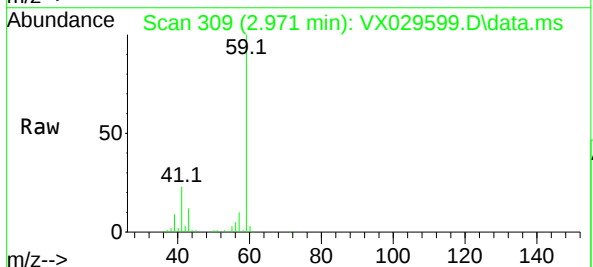
Tgt Ion:168 Resp: 277869
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5

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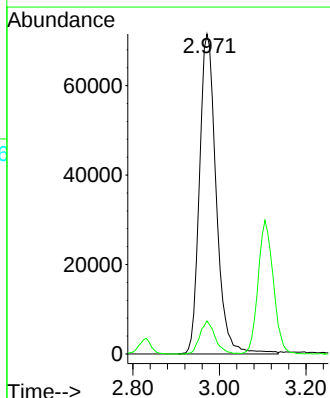
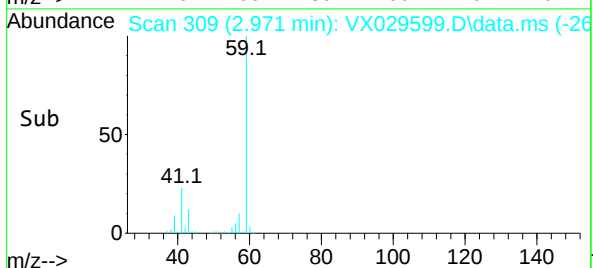
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

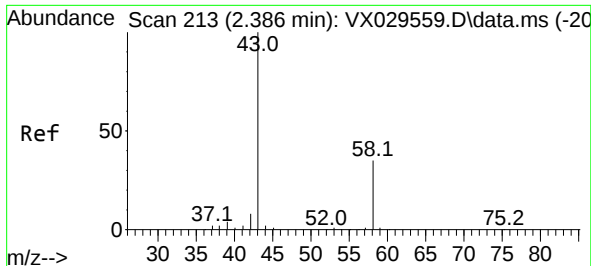


#11
Tert butyl alcohol
Concen: 239.196 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26



Tgt Ion: 59 Resp: 192051
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5





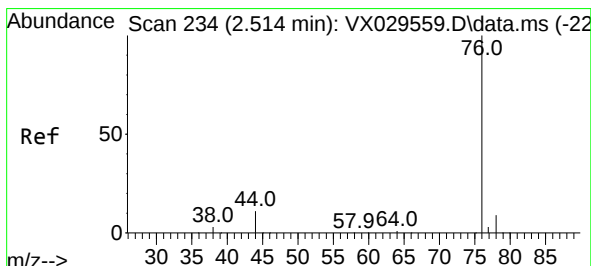
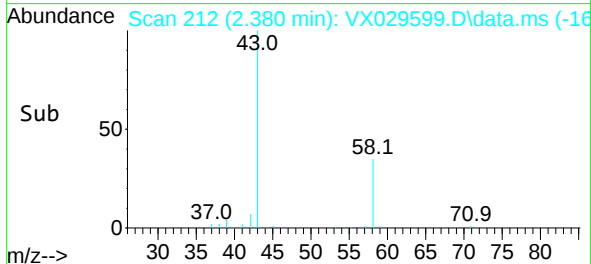
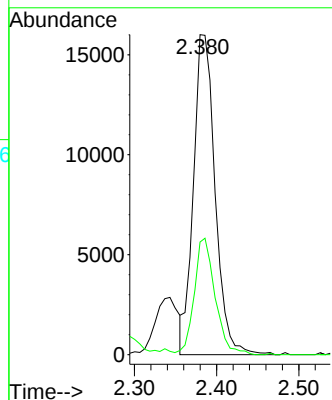
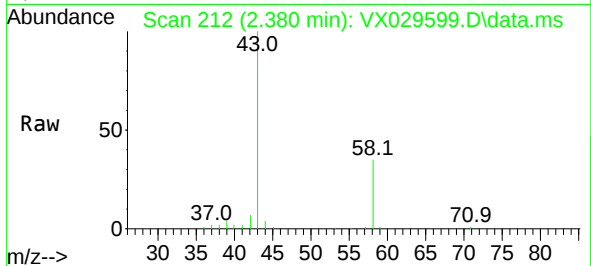
#16
Acetone
Concen: 19.964 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2

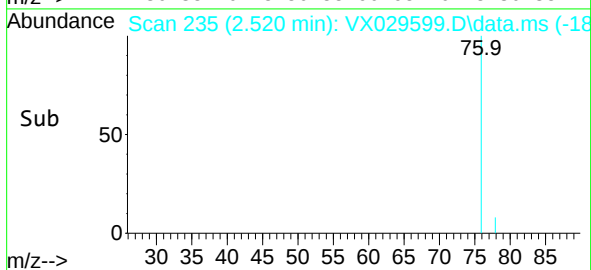
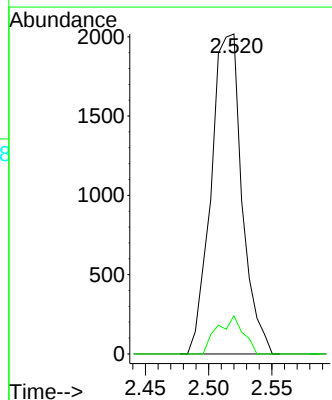
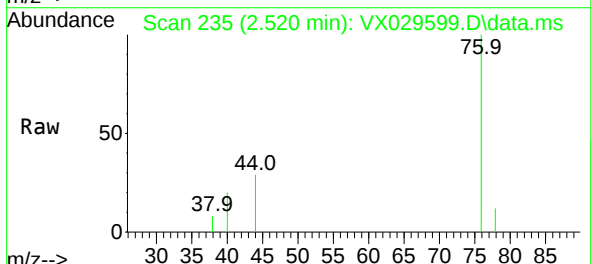
Manual Integrations
APPROVED

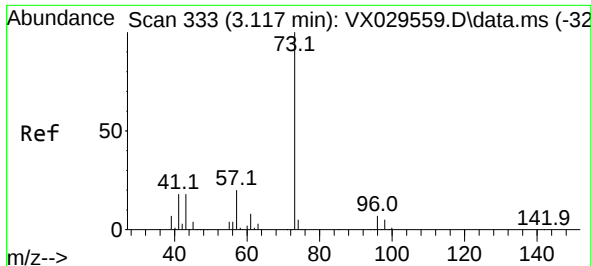
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#17
Carbon Disulfide
Concen: 0.470 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

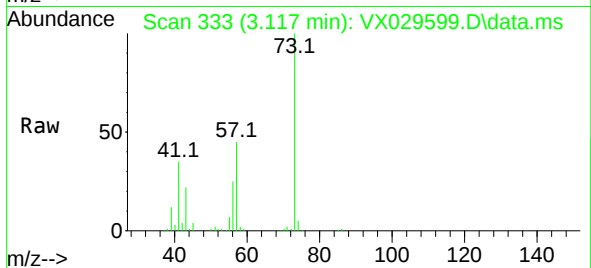
Tgt Ion: 76 Resp: 3428
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 12.000 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

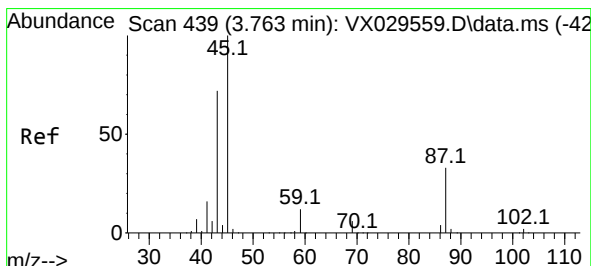
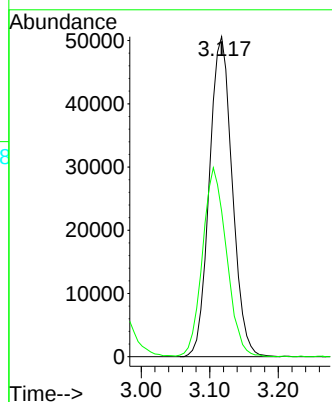


Tgt Ion: 73 Resp: 117270
Ion Ratio Lower Upper
73 100
57 45.4 16.8 25.2

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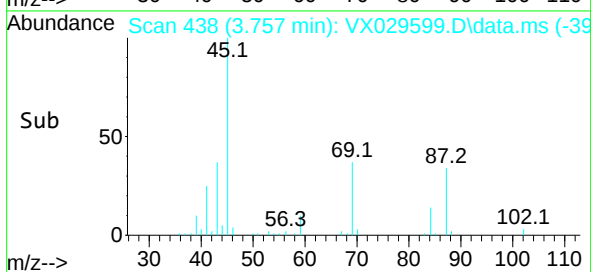
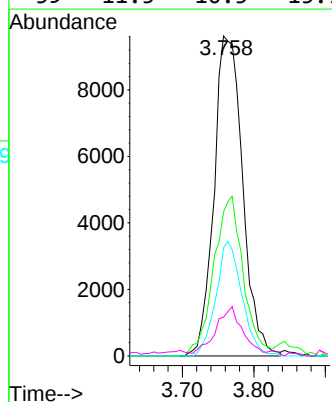
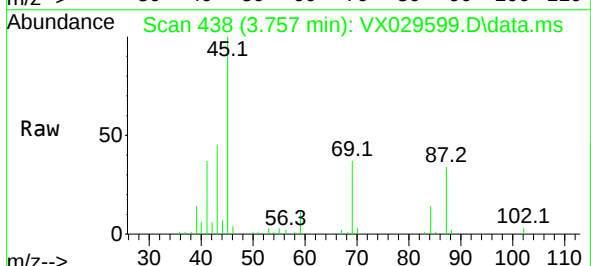
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

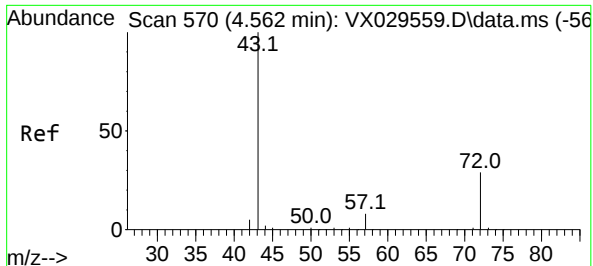
Supervised By :Mahesh
Dadoda
06/23/2022



#22
Diisopropyl ether
Concen: 2.971 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

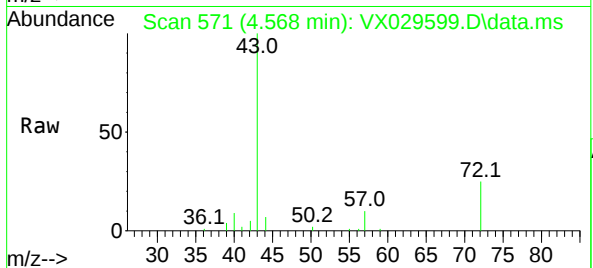
Tgt Ion: 45 Resp: 26712
Ion Ratio Lower Upper
45 100
43 44.9 50.8 76.2#
87 33.8 26.6 39.8
59 11.5 10.5 15.7





#25
2-Butanone
Concen: 5.782 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

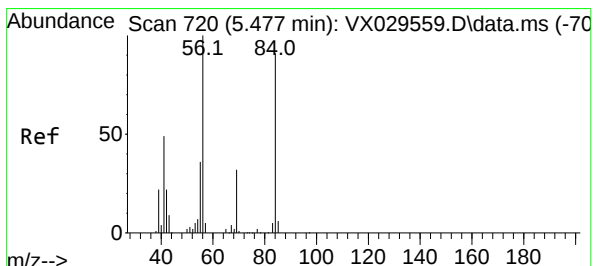
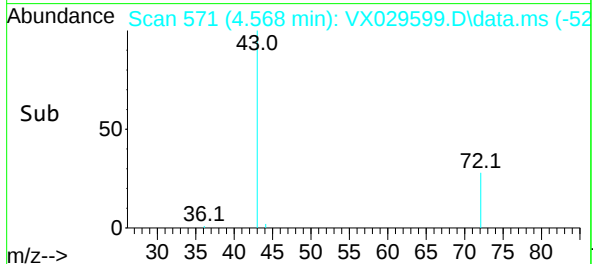
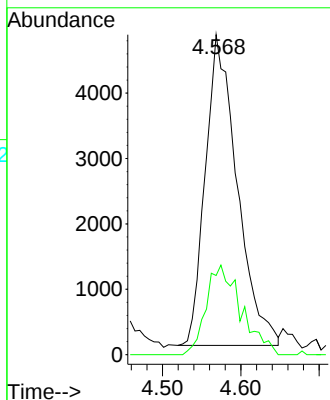


Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
72 25.5 24.4 36.6

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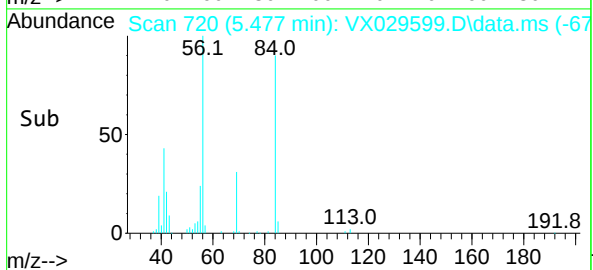
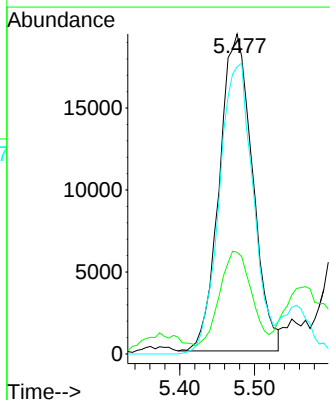
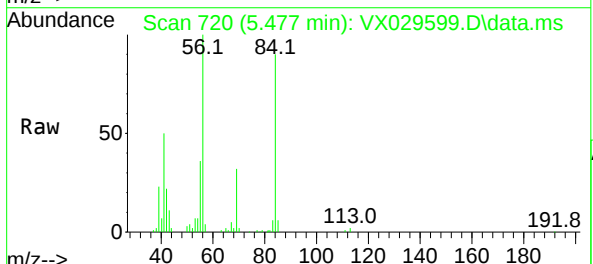
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

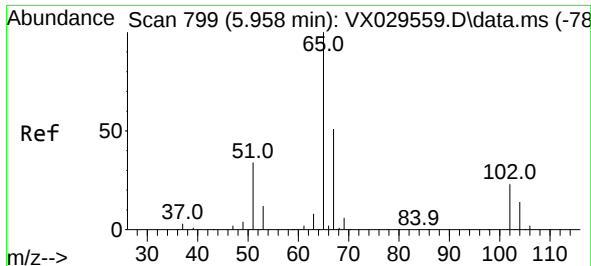
Supervised By :Mahesh
Dadoda
06/23/2022



#31
Cyclohexane
Concen: 12.101 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Tgt Ion: 56 Resp: 59759
Ion Ratio Lower Upper
56 100
69 26.7 26.7 40.1#
84 90.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.118 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029599.D

Acq: 19 Jun 2022 03:26

Instrument :

MSVOA_X

ClientSampleId :

RW-1A

Tgt Ion: 65 Resp: 15859

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4

Manual Integrations

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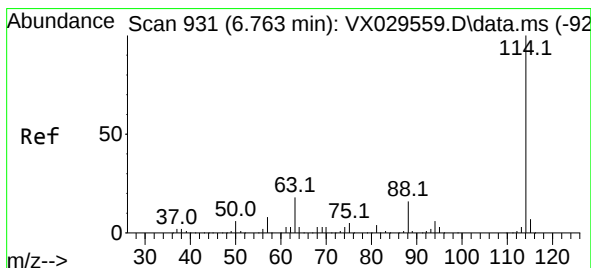
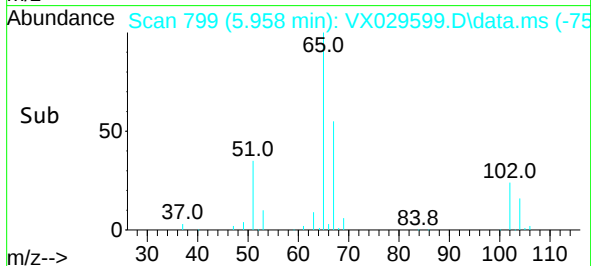
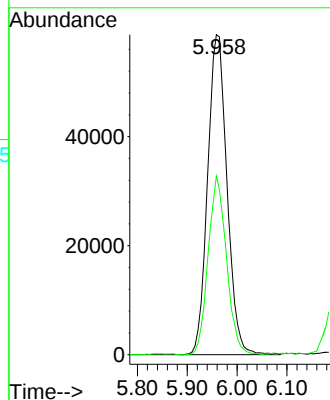
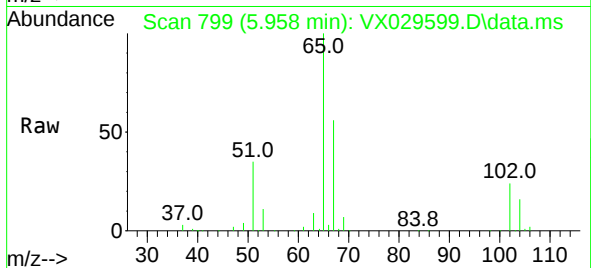
Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022

Supervised By :Mahesh

Dadoda

06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029599.D

Acq: 19 Jun 2022 03:26

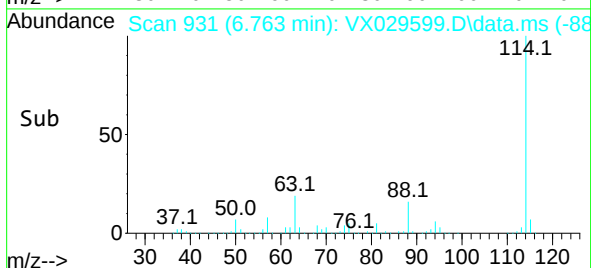
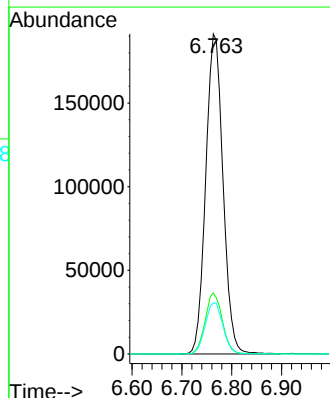
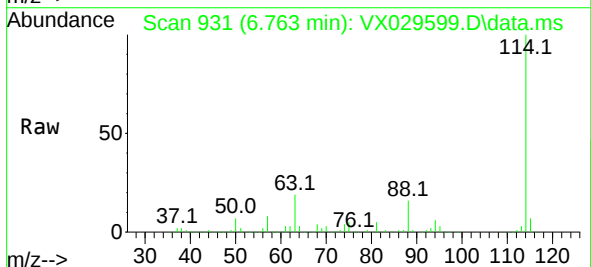
Tgt Ion:114 Resp: 460064

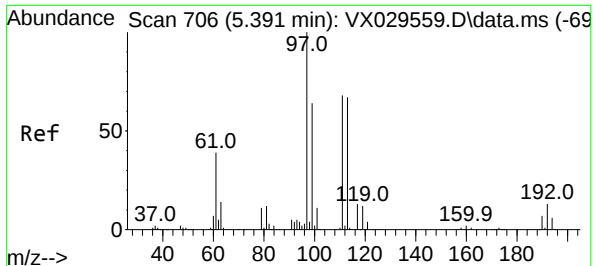
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.923 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029599.D

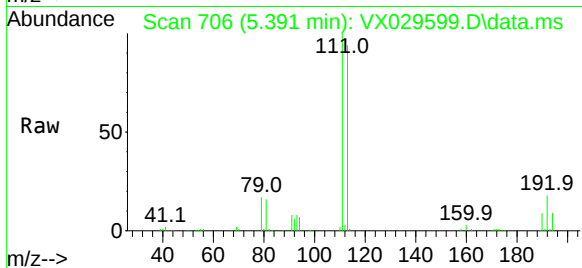
Acq: 19 Jun 2022 03:26

Instrument :

MSVOA_X

ClientSampleId :

RW-1A



Tgt Ion:113 Resp: 137684

Ion Ratio Lower Upper

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111 103.5 82.8 124.2

192 18.5 16.9 25.3

Manual Integrations

APPROVED

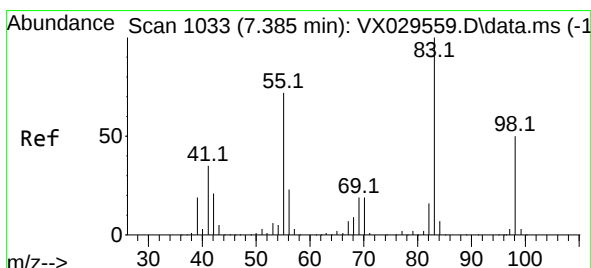
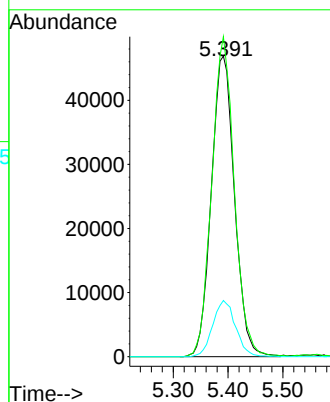
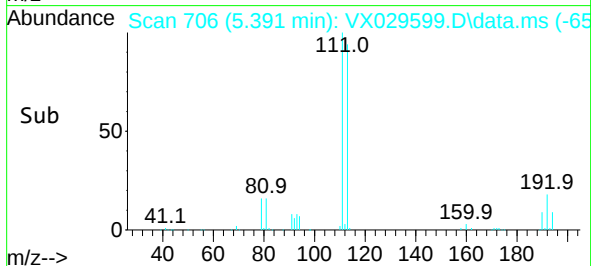
Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022

Supervised By :Mahesh

Dadoda

06/23/2022



#39

Methylcyclohexane

Concen: 10.598 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029599.D

Acq: 19 Jun 2022 03:26

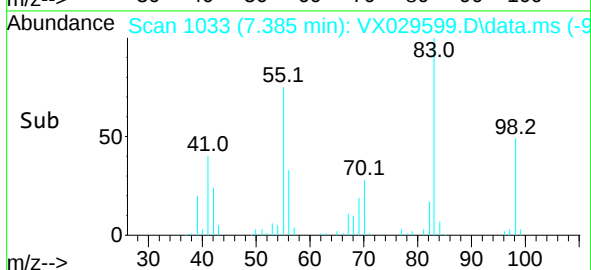
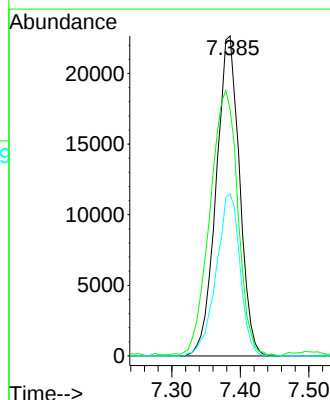
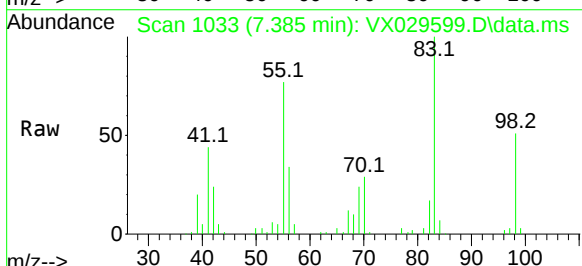
Tgt Ion: 83 Resp: 53616

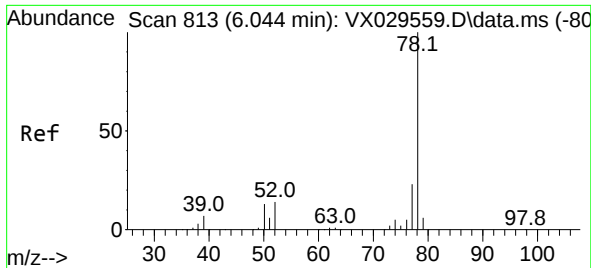
Ion Ratio Lower Upper

83 100

55 77.0 54.6 81.8

98 50.6 37.4 56.2





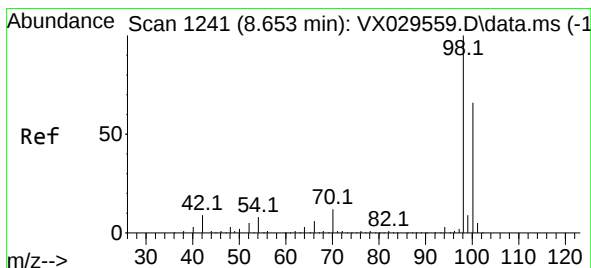
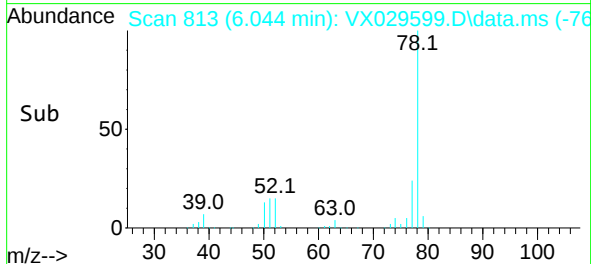
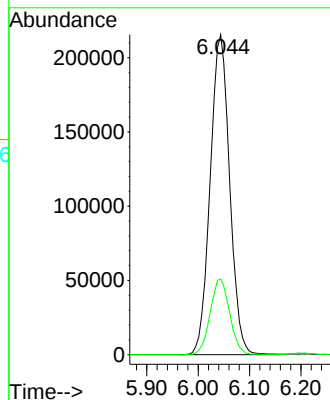
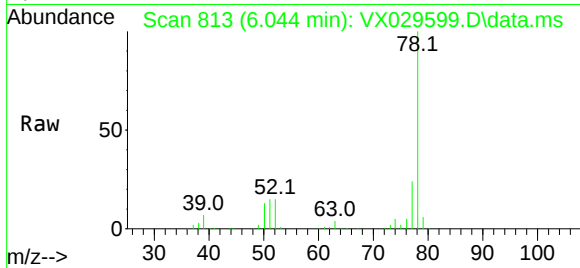
#40
Benzene
Concen: 47.087 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

Tgt Ion: 78 Resp: 56637
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

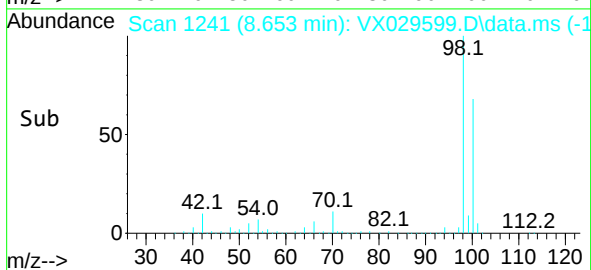
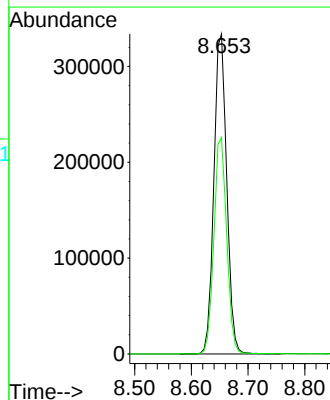
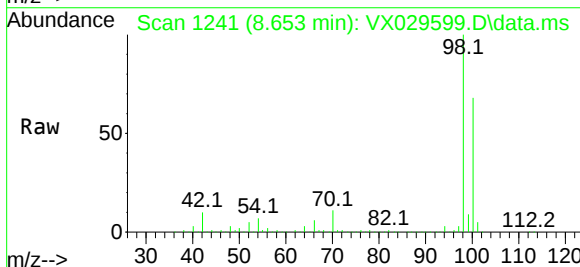
Manual Integrations
APPROVED

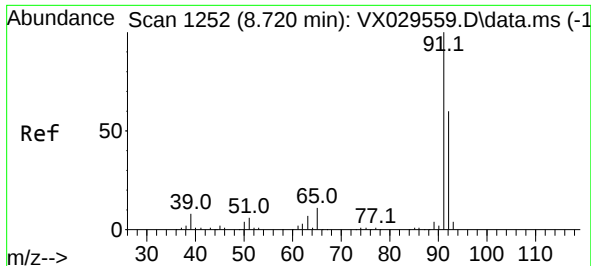
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 47.882 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

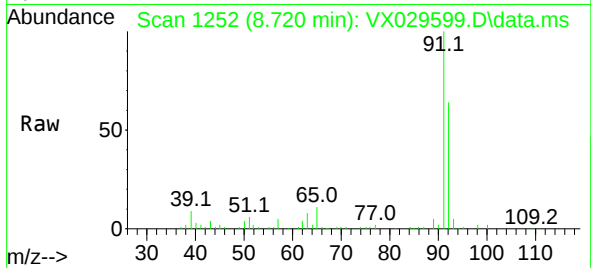
Tgt Ion: 98 Resp: 524445
Ion Ratio Lower Upper
98 100
100 67.8 52.6 78.8





#52
Toluene
Concen: 2.703 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

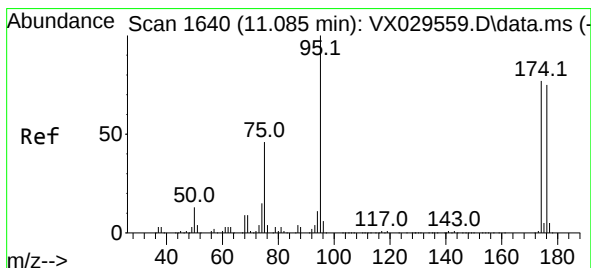
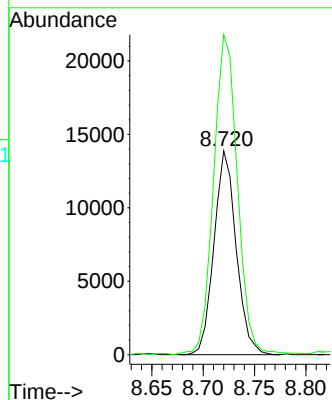


Tgt Ion: 92 Resp: 20820
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3

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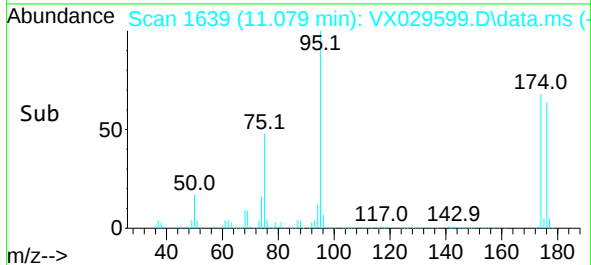
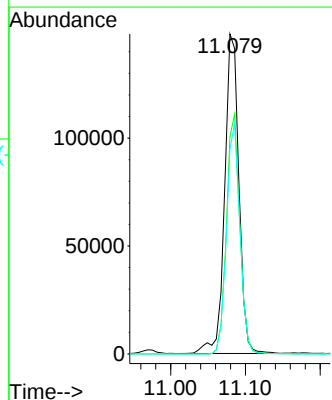
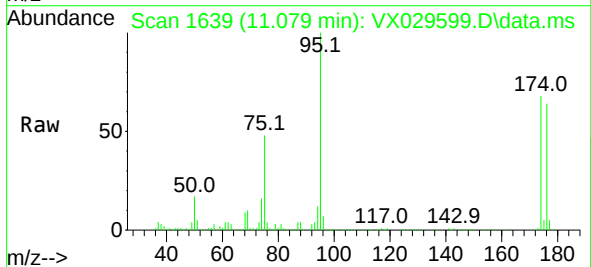
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

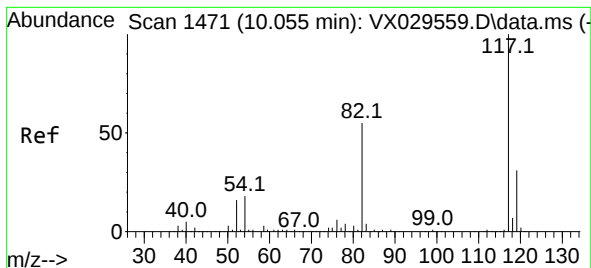
Supervised By :Mahesh
Dadoda
06/23/2022



#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

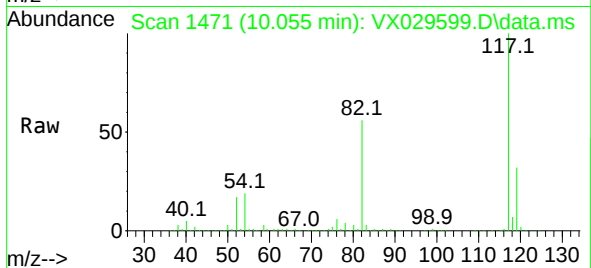
Tgt Ion: 95 Resp: 196530
Ion Ratio Lower Upper
95 100
174 70.3 0.0 163.0
176 67.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

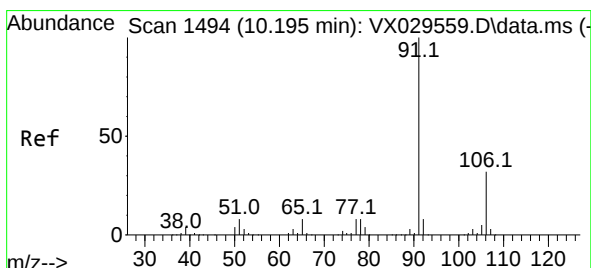
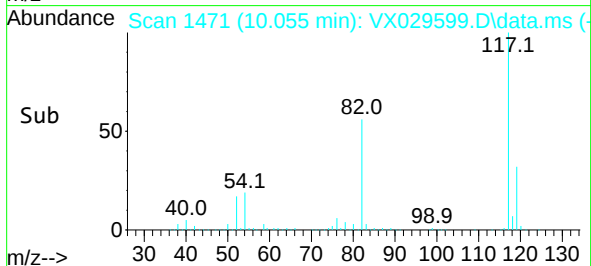
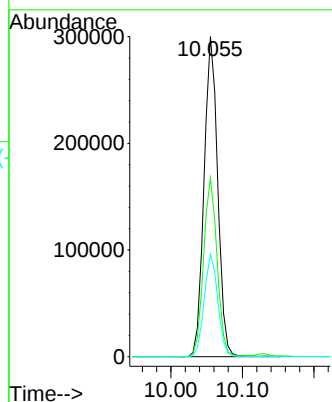


Tgt Ion:117 Resp: 398320
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.1 24.8 37.2

Manual Integrations
APPROVED

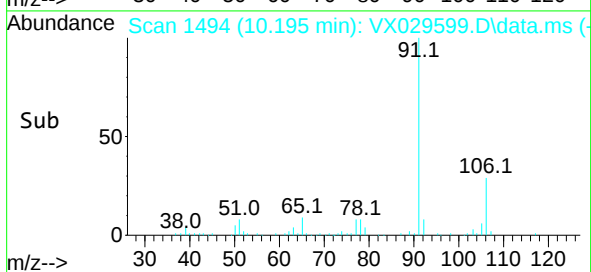
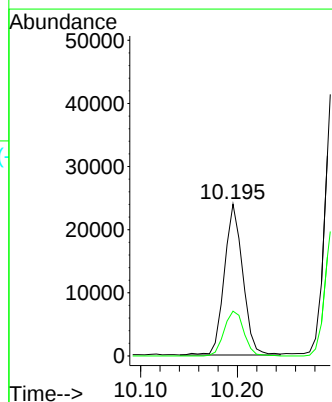
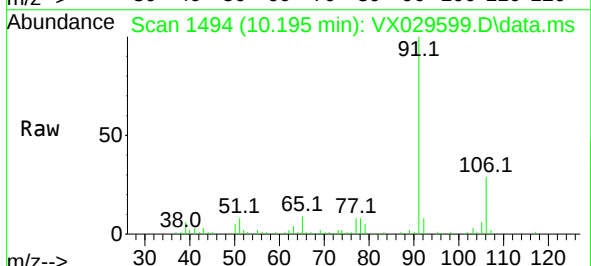
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

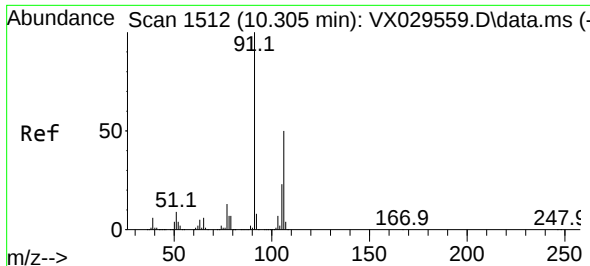
Supervised By :Mahesh
Dadoda
06/23/2022



#67
Ethyl Benzene
Concen: 2.249 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

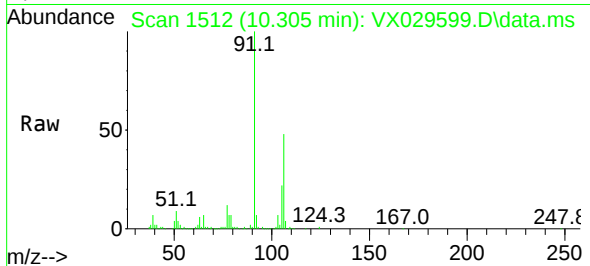
Tgt Ion: 91 Resp: 31615
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8





#68
m/p-Xylenes
Concen: 6.263 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

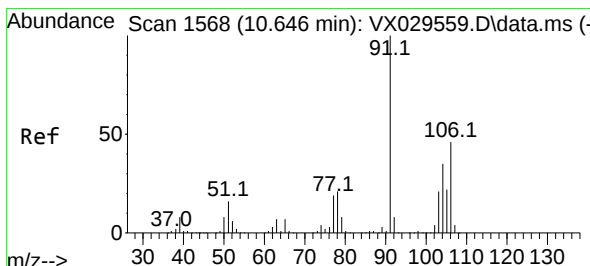
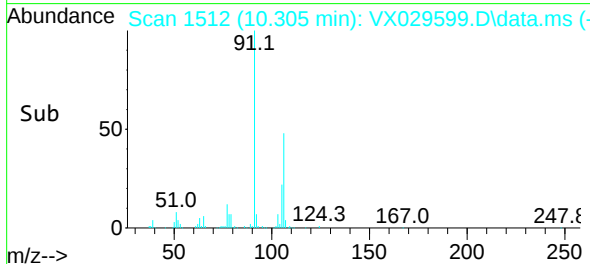
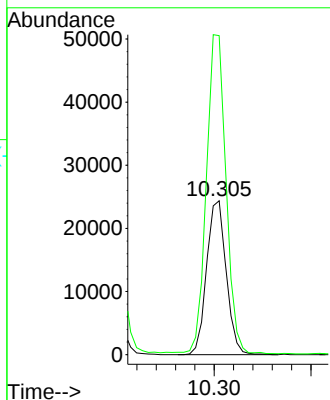


Tgt Ion:106 Resp: 3434
Ion Ratio Lower Upper
106 100
91 207.7 160.4 240.6

Manual Integrations
APPROVED

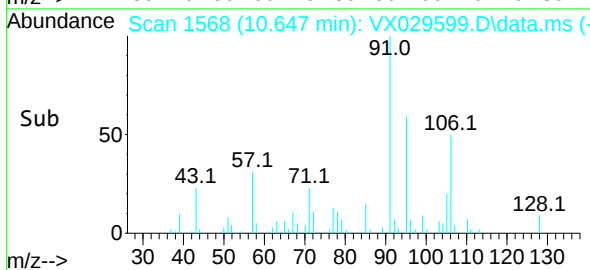
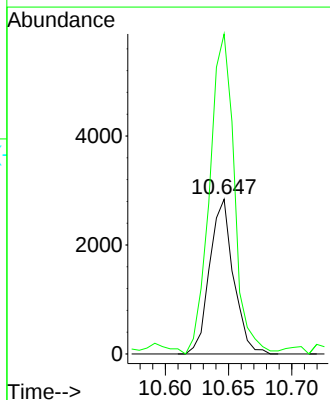
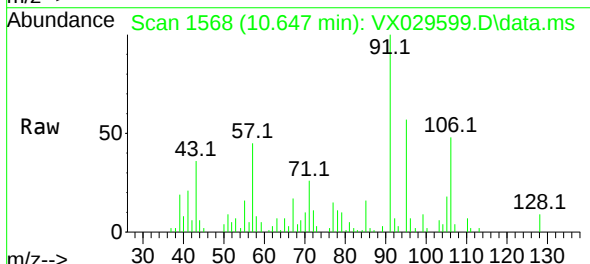
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

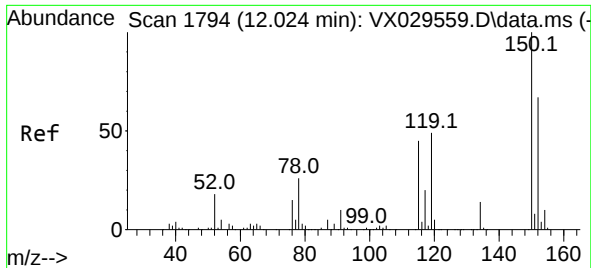
Supervised By :Mahesh
Dadoda
06/23/2022



#69
o-Xylene
Concen: 0.687 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

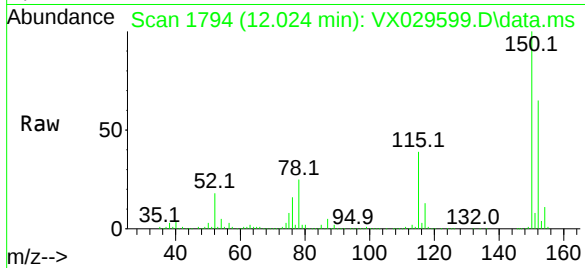
Tgt Ion:106 Resp: 3722
Ion Ratio Lower Upper
106 100
91 214.1 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

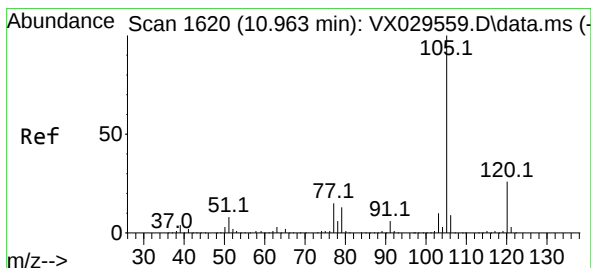
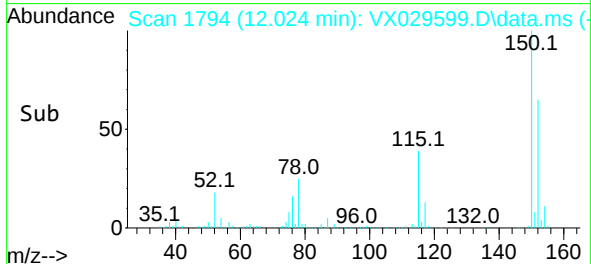
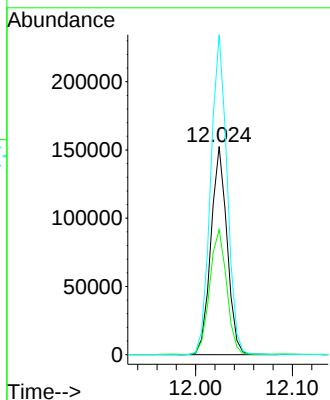


Tgt Ion:152 Resp: 177359
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 156.5 0.0 338.2

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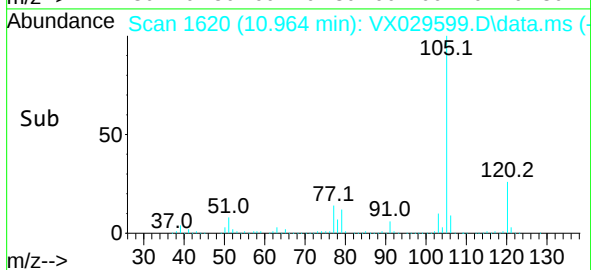
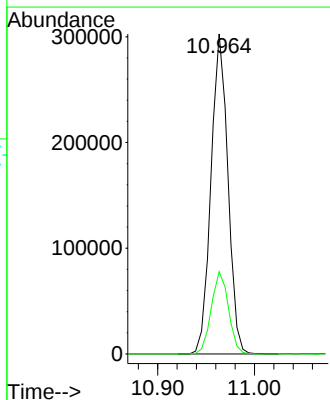
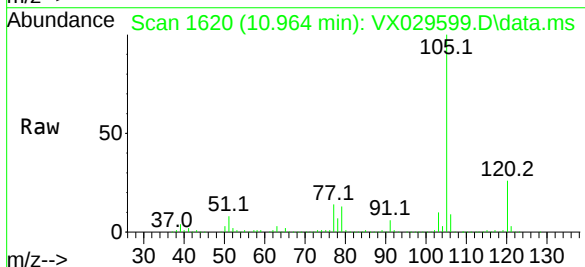
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

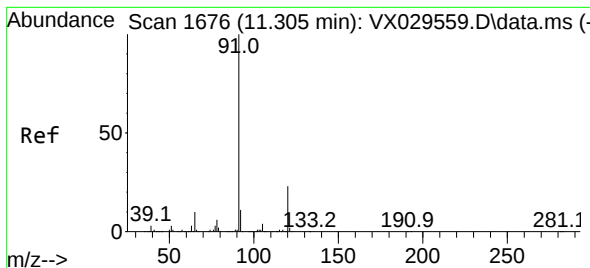
Supervised By :Mahesh
Dadoda
06/23/2022



#73
Isopropylbenzene
Concen: 27.627 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Tgt Ion:105 Resp: 367385
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5





#78

n-propylbenzene

Concen: 57.691 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029599.D

Acq: 19 Jun 2022 03:26

Instrument :

MSVOA_X

ClientSampleId :

RW-1A

Tgt Ion: 91 Resp: 86406

Ion Ratio Lower Upper

91 100

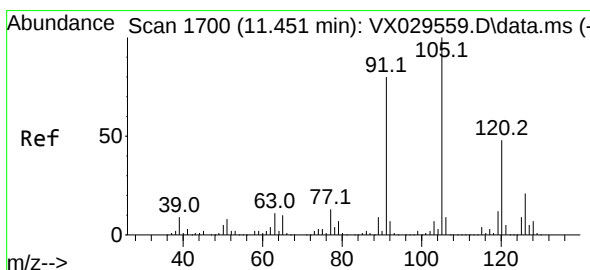
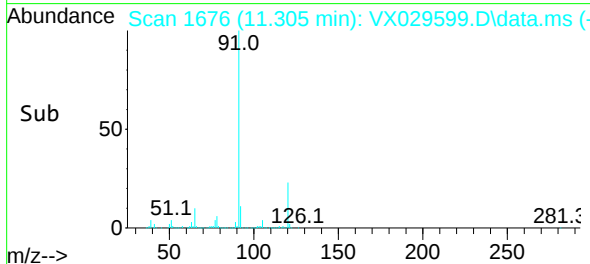
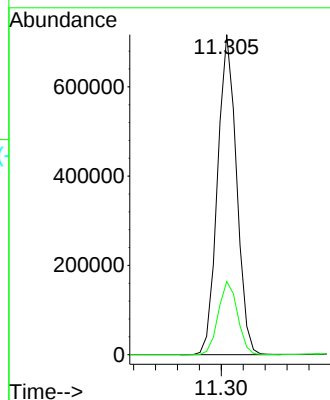
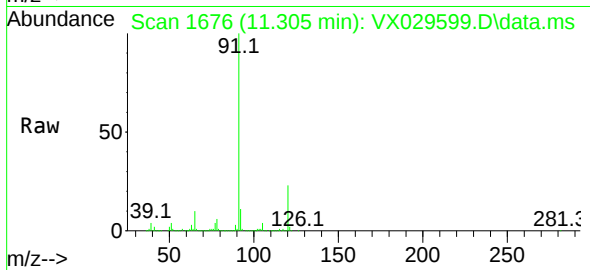
120 23.2 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 0.823 ug/l m

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029599.D

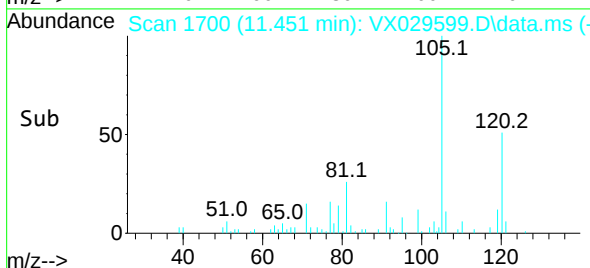
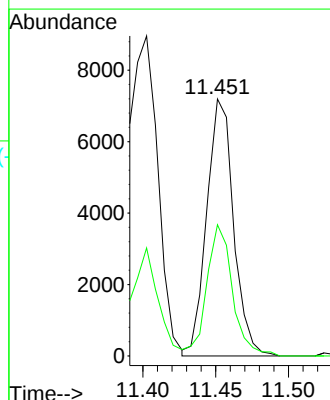
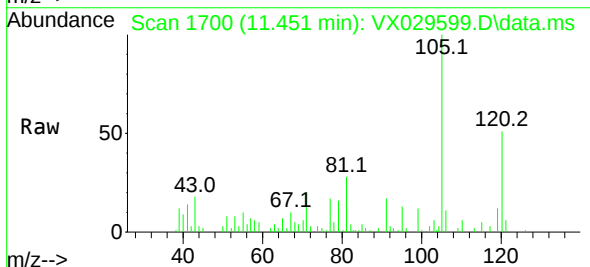
Acq: 19 Jun 2022 03:26

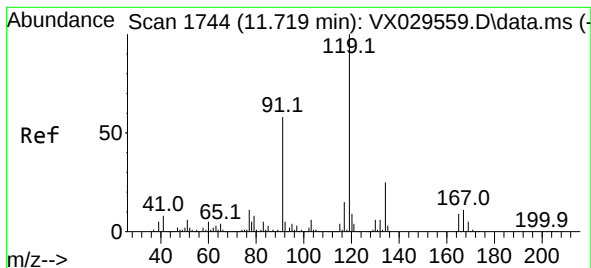
Tgt Ion:105 Resp: 9220

Ion Ratio Lower Upper

105 100

120 101.8 24.3 72.9#





#83
tert-Butylbenzene
Concen: 0.320 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

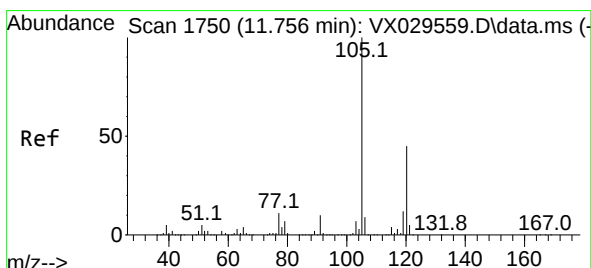
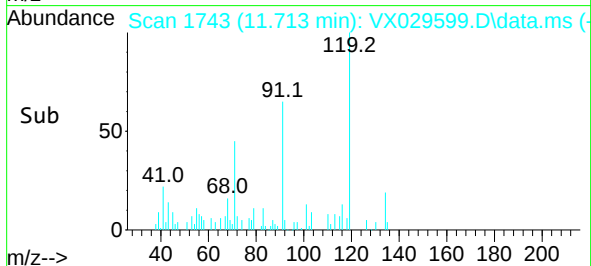
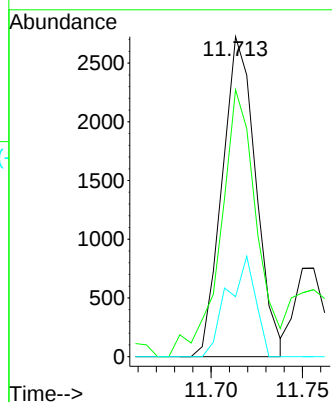
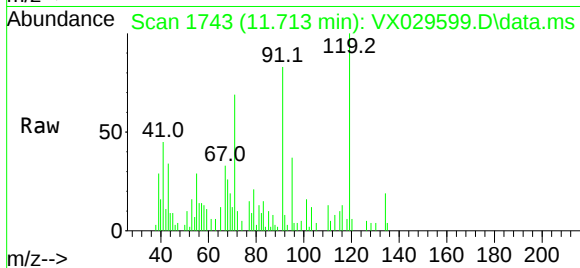
Instrument :
MSVOA_X
ClientSampleId :
RW-1A

Tgt Ion:119 Resp: 349
Ion Ratio Lower Upper
119 100
91 88.4 26.9 80.6
134 26.0 11.4 34.2

Manual Integrations
APPROVED

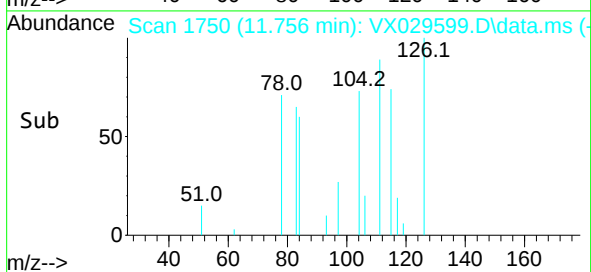
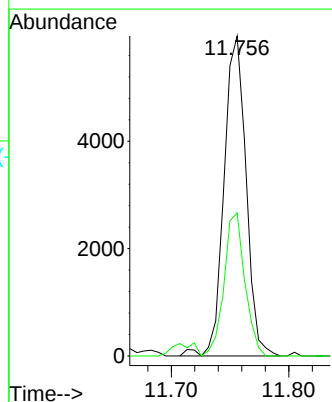
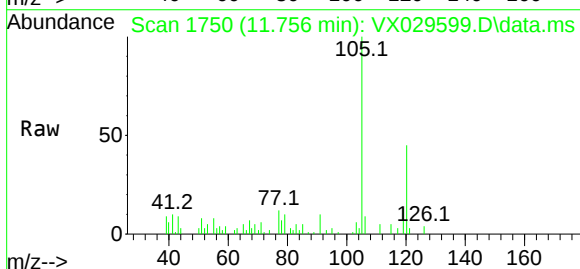
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

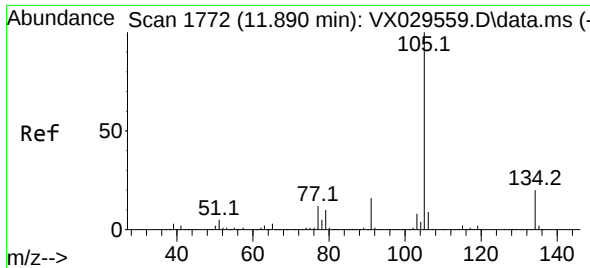
Supervised By :Mahesh
Dadoda
06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.695 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

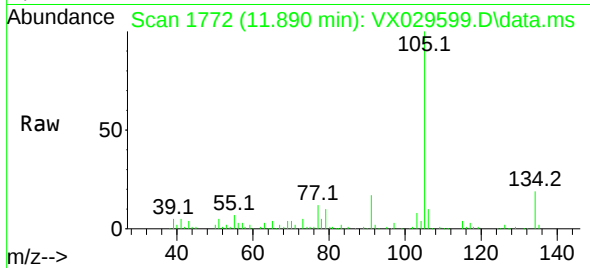
Tgt Ion:105 Resp: 7766
Ion Ratio Lower Upper
105 100
120 42.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.744 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029559.D
 Acq: 19 Jun 2022 03:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1A

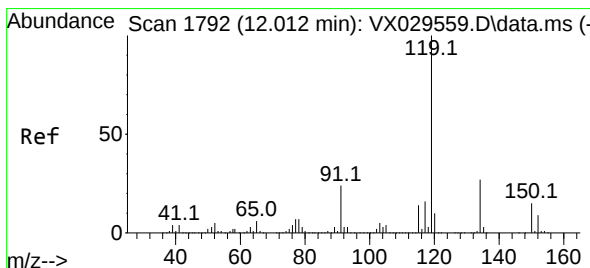
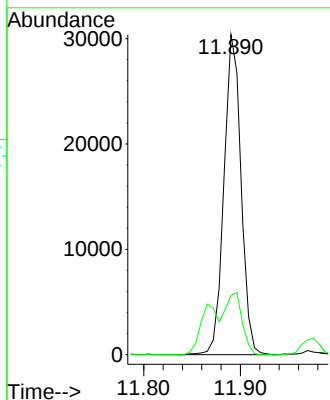


Tgt Ion:105 Resp: 37128
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

Manual Integrations
 APPROVED

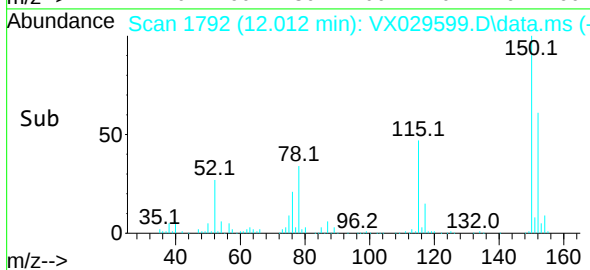
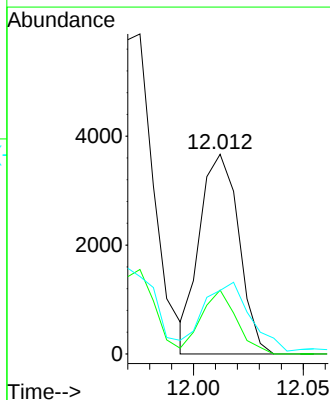
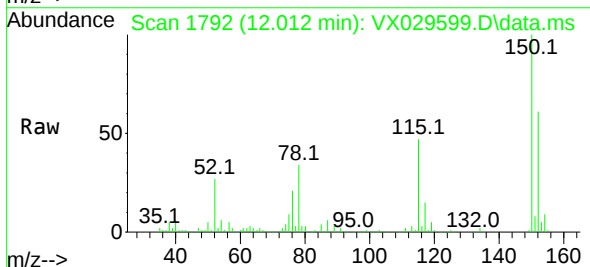
Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

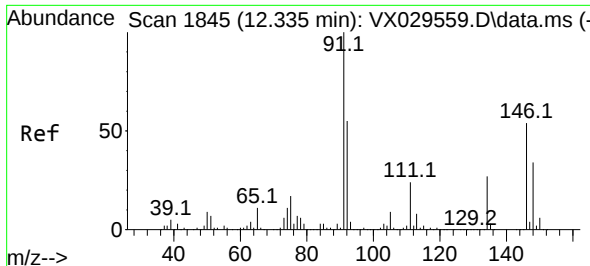
Supervised By :Mahesh
 Dadoda
 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 0.402 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029559.D
 Acq: 19 Jun 2022 03:26

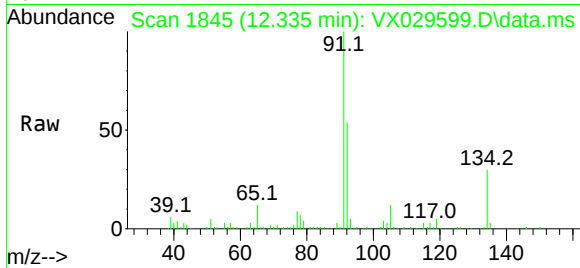
Tgt Ion:119 Resp: 4560
 Ion Ratio Lower Upper
 119 100
 134 44.8 13.0 39.0#
 91 0.0 11.3 33.9#





#89
n-Butylbenzene
Concen: 3.188 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
RW-1A

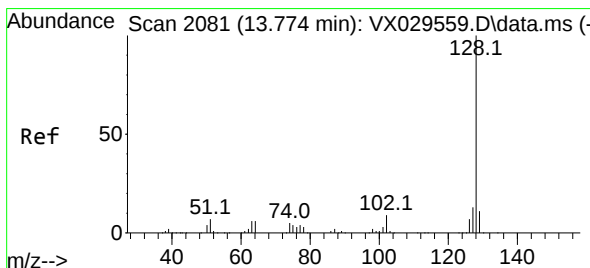
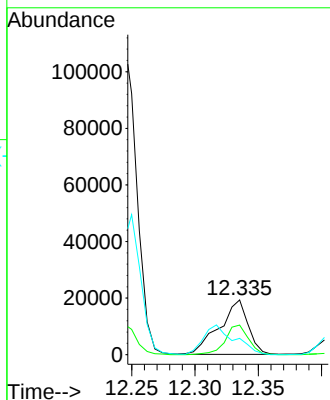
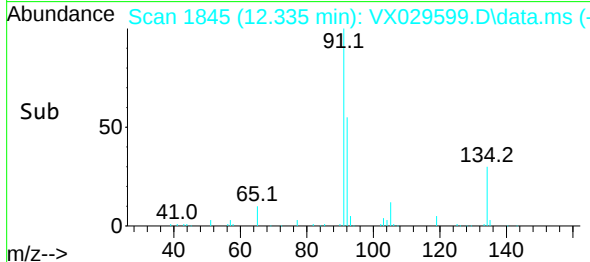


Tgt Ion: 91 Resp: 3049
Ion Ratio Lower Upper
91 100
92 43.8 27.8 83.3
134 58.8 13.3 39.8

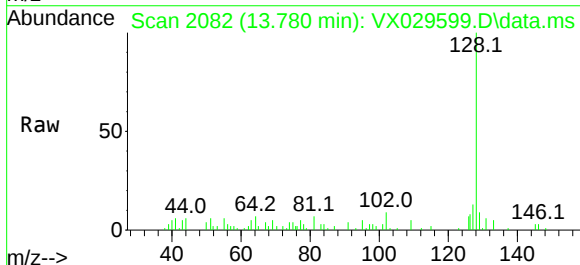
Manual Integrations
APPROVED

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

Supervised By :Mahesh
Dadoda
06/23/2022



#95
Naphthalene
Concen: 0.645 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029599.D
Acq: 19 Jun 2022 03:26



Tgt Ion:128 Resp: 8030
Ion Ratio Lower Upper
128 100
127 15.4 10.2 15.4
129 15.1 8.7 13.1

