

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026872.D
 Acq On : 09 Feb 2022 16:34
 Operator : JC/MD
 Sample : N1425-03 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31377

Quant Time: Feb 10 01:07:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

Supervised By :Mahesh
 Dadoda
 02/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80097	53.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.391	113	65273	53.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.653	98	243733	53.937	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.880%			
62) 4-Bromofluorobenzene	11.079	95	88262	55.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.960%			
Target Compounds						Qvalue
16) Acetone	2.386	43	14658	22.322	ug/l	94
31) Cyclohexane	5.477	56	611	0.257	ug/l #	79
39) Methylcyclohexane	7.385	83	2105	0.884	ug/l	98
40) Benzene	6.044	78	5429	0.959	ug/l #	89
52) Toluene	8.720	92	29523	8.238	ug/l	100
67) Ethyl Benzene	10.195	91	21181	3.076	ug/l	95
68) m/p-Xylenes	10.299	106	24667	9.310	ug/l	100
69) o-Xylene	10.647	106	14472	5.574	ug/l	99
73) Isopropylbenzene	10.964	105	3522	0.552	ug/l	95
78) n-propylbenzene	11.305	91	10296	1.456	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10738	2.046	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	43876	8.288	ug/l	99
85) sec-Butylbenzene	11.890	105	3195	0.504	ug/l	91
86) p-Isopropyltoluene	12.012	119	1860m	0.346	ug/l	
89) n-Butylbenzene	12.335	91	5689	1.294	ug/l #	47
95) Naphthalene	13.780	128	5650	0.954	ug/l	98

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

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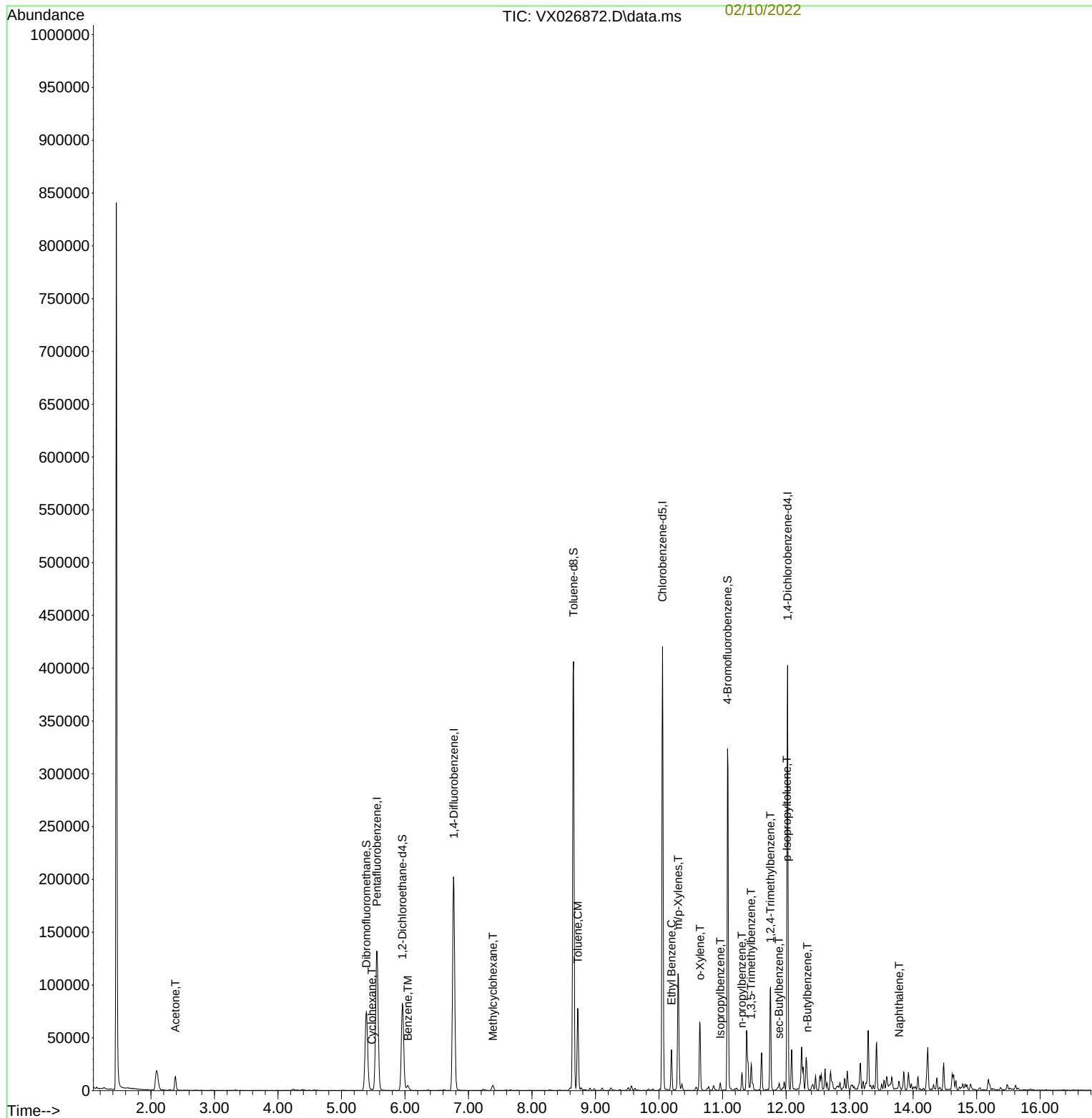
Instrument :
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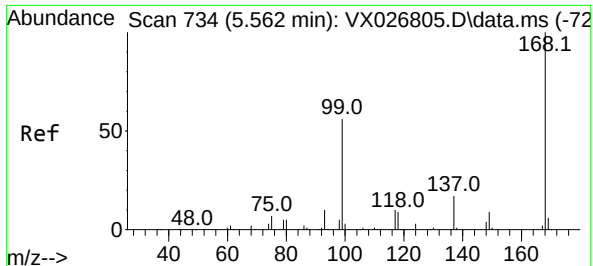
Quant Time: Feb 10 01:07:12 2022
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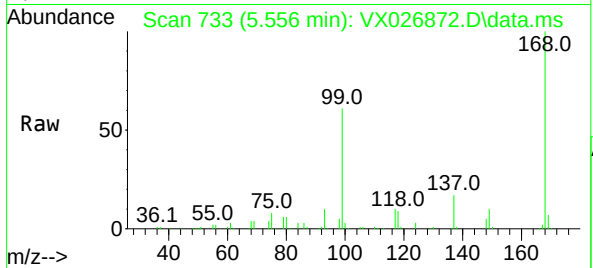
Supervised By :Mahesh
Dadoda
02/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

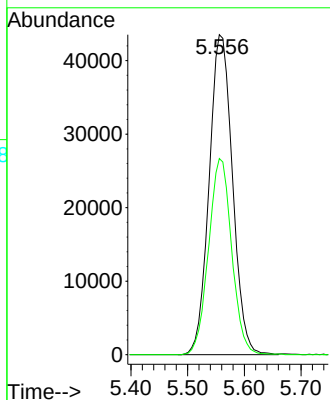
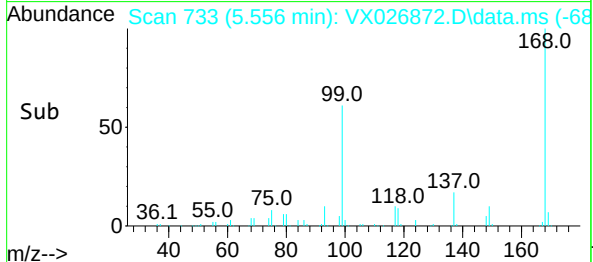
Instrument :
MSVOA_X
ClientSampleId :
31377



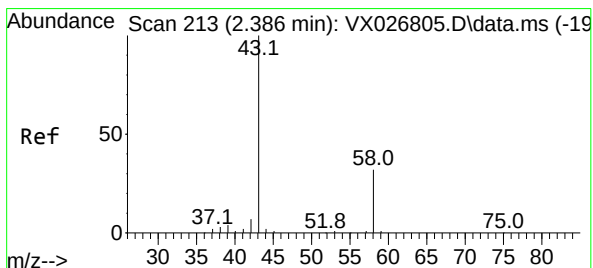
Tgt Ion:168 Resp: 124550
Ion Ratio Lower Upper
168 100
99 61.3 50.3 75.5

Manual Integrations
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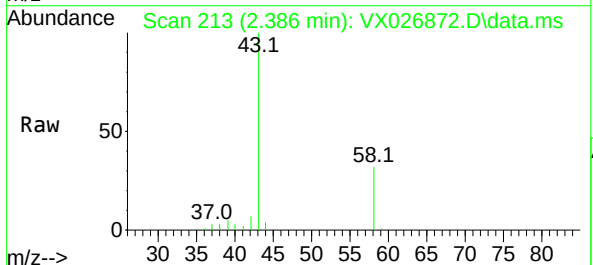
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



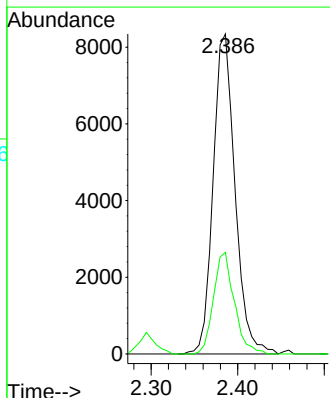
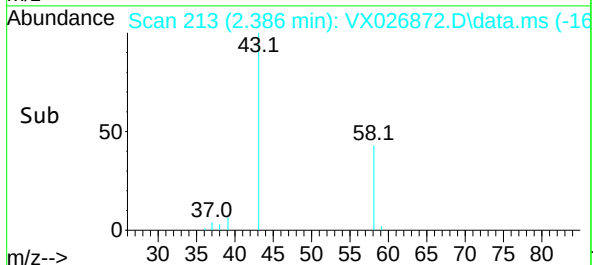
Supervised By :Mahesh
Dadoda
02/10/2022

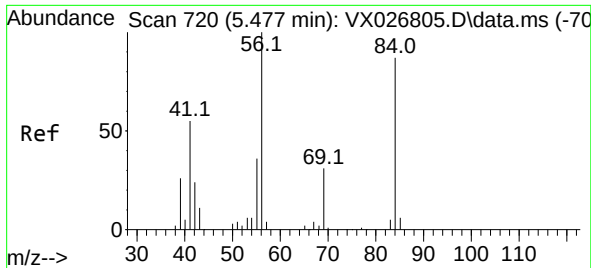


#16
Acetone
Concen: 22.322 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34



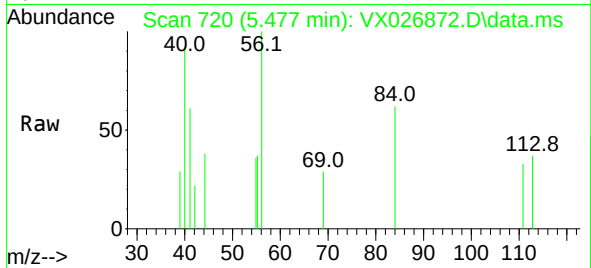
Tgt Ion: 43 Resp: 14658
Ion Ratio Lower Upper
43 100
58 31.8 23.0 34.6





#31
Cyclohexane
Concen: 0.257 ug/l
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
31377

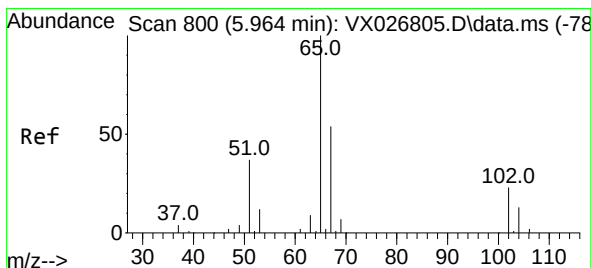
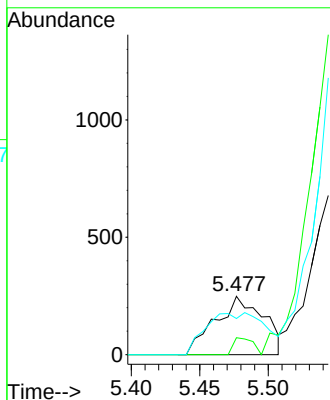
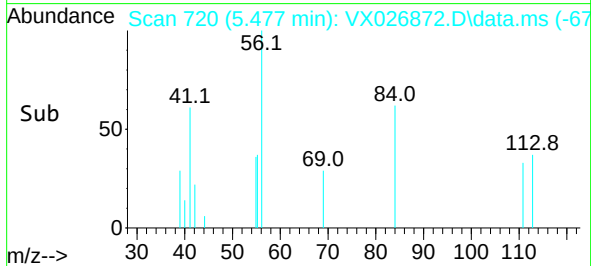


Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
69 28.9 25.8 38.6
84 61.8 68.9 103.3

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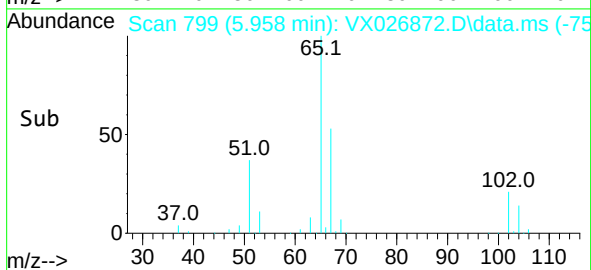
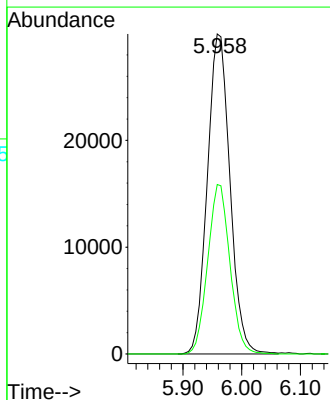
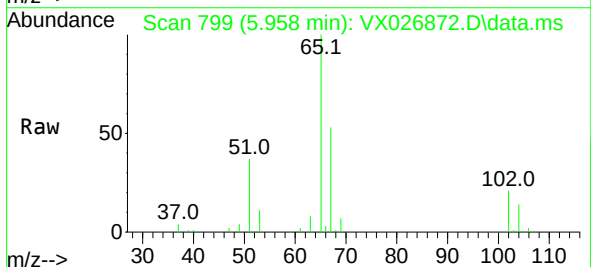
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

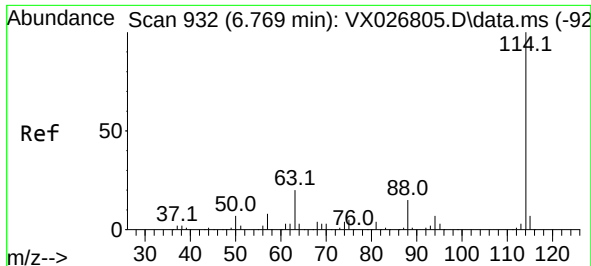
Supervised By :Mahesh
Dadoda
02/10/2022



#33
1,2-Dichloroethane-d4
Concen: 53.573 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

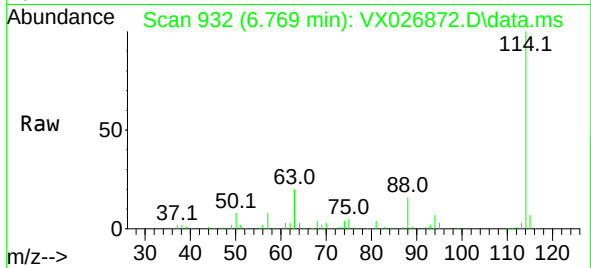
Tgt Ion: 65 Resp: 80097
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

Instrument :
MSVOA_X
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31377

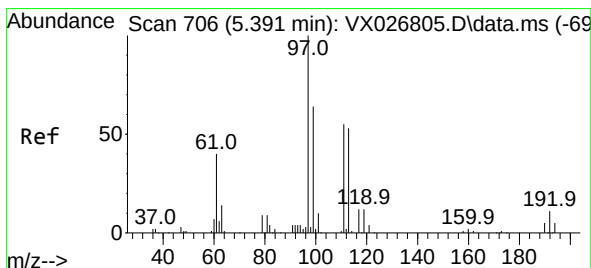
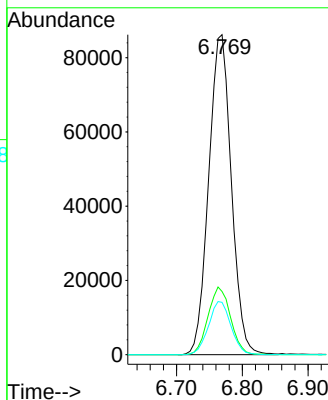
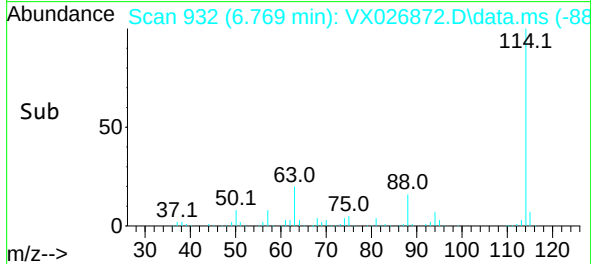


Tgt Ion:114 Resp: 206630
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 16.4 0.0 33.0

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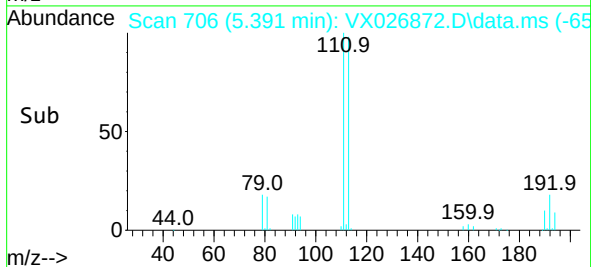
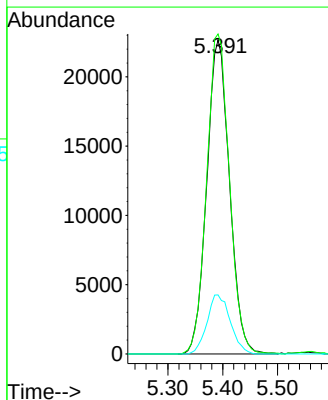
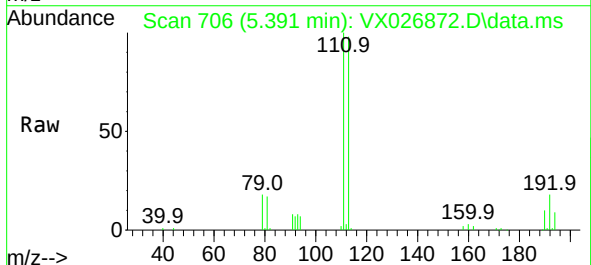
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

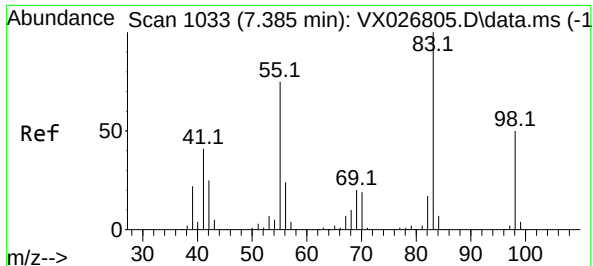
Supervised By :Mahesh
Dadoda
02/10/2022



#35
Dibromofluoromethane
Concen: 53.022 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

Tgt Ion:113 Resp: 65273
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.2 15.0 22.4





#39

Methylcyclohexane

Concen: 0.884 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026872.D

Acq: 09 Feb 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

31377

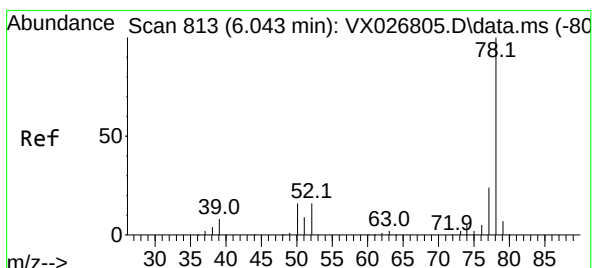
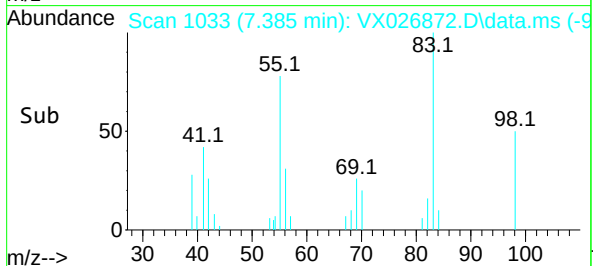
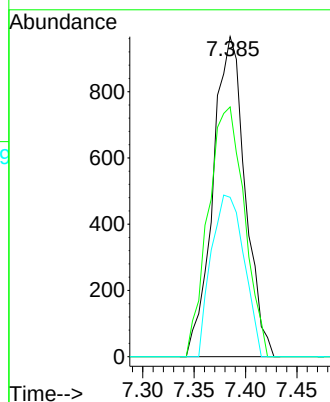
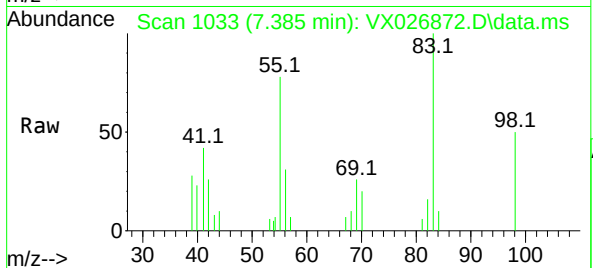
Tgt Ion: 83	Resp: 210
Ion Ratio	Lower Upper
83 100	
55 78.1	63.6 95.4
98 49.8	38.4 57.6

Manual Integrations

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Supervised By :Mahesh
Dadoda
02/10/2022



#40

Benzene

Concen: 0.959 ug/l

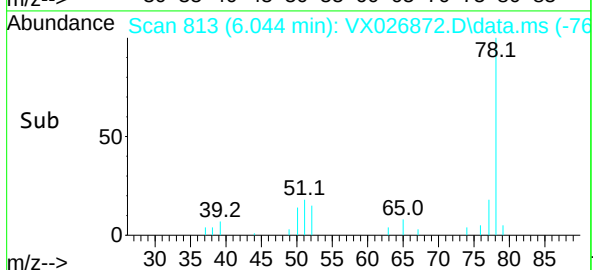
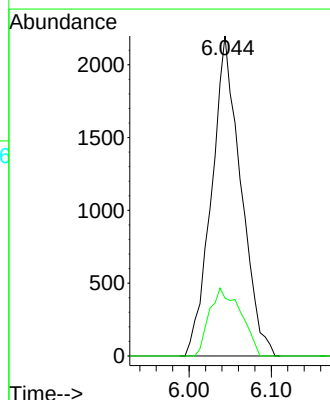
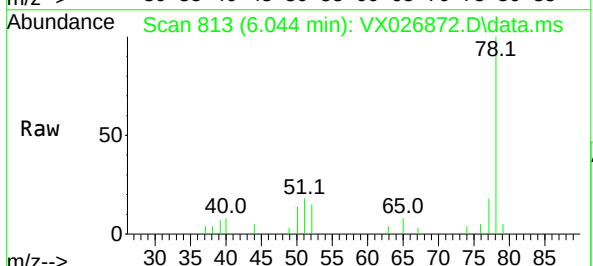
RT: 6.044 min Scan# 813

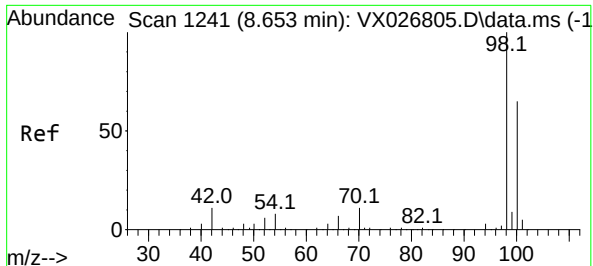
Delta R.T. 0.000 min

Lab File: VX026872.D

Acq: 09 Feb 2022 16:34

Tgt Ion: 78	Resp: 5429
Ion Ratio	Lower Upper
78 100	
77 18.1	18.9 28.3#





#50

Toluene-d8

Concen: 53.937 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026872.D

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ClientSampleId :

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Tgt Ion: 98 Resp: 24373

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

Manual Integrations

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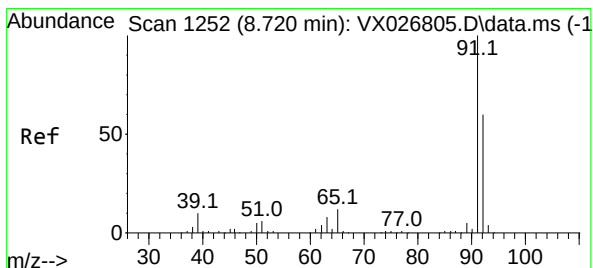
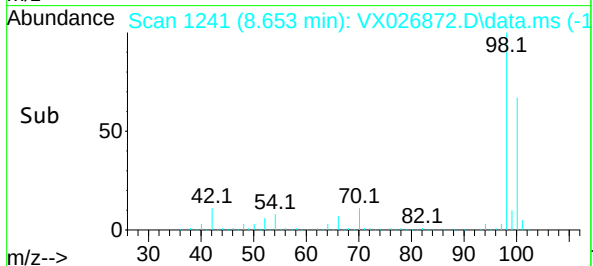
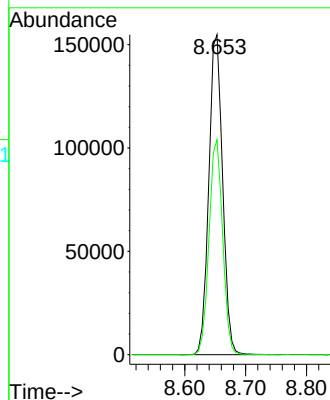
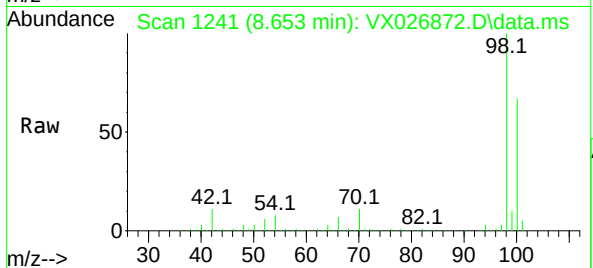
Reviewed By :Semsettin Yesilyurt 02/10/2022

Supervised By :Mahesh Dadoda 02/10/2022

Supervised By :Mahesh

Dadoda

02/10/2022



#52

Toluene

Concen: 8.238 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026872.D

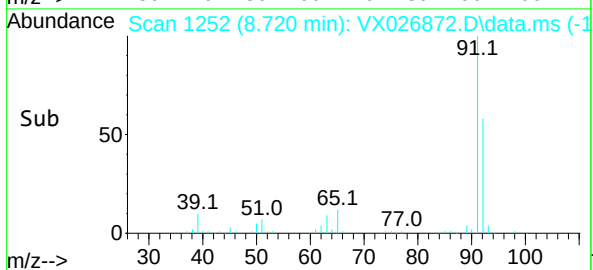
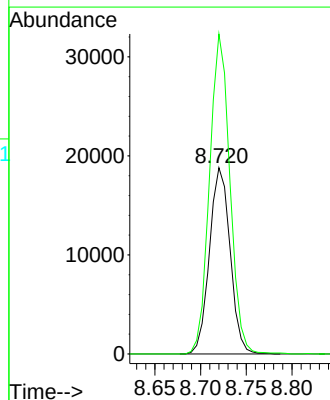
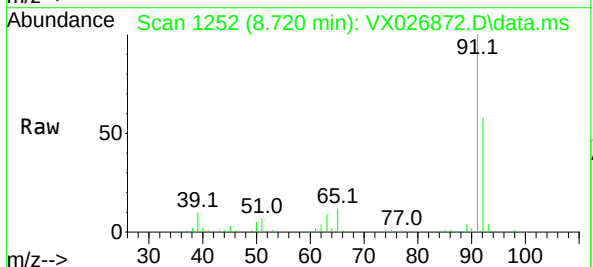
Acq: 09 Feb 2022 16:34

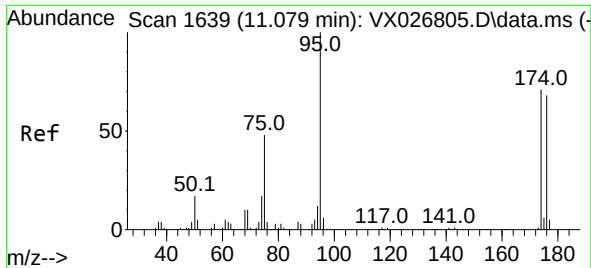
Tgt Ion: 92 Resp: 29523

Ion Ratio Lower Upper

92 100

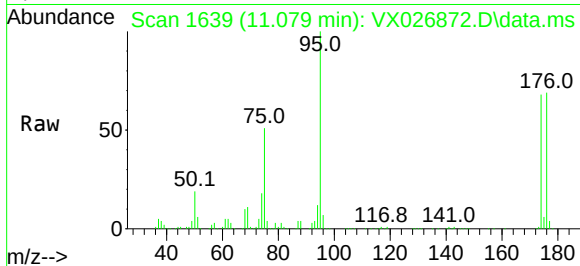
91 169.4 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 55.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
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Acq: 09 Feb 2022 16:34

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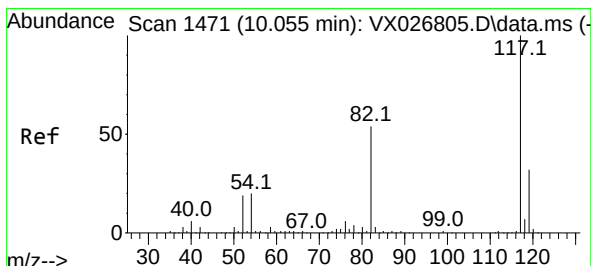
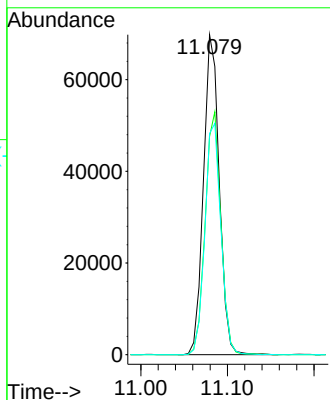
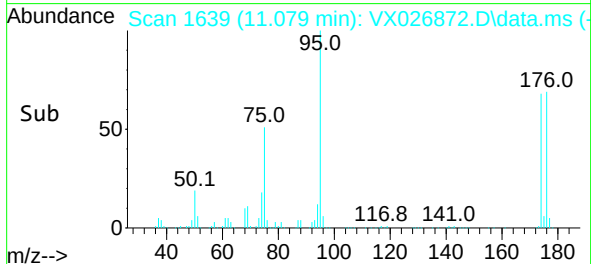


Tgt Ion: 95 Resp: 88262
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.5 0.0 141.4

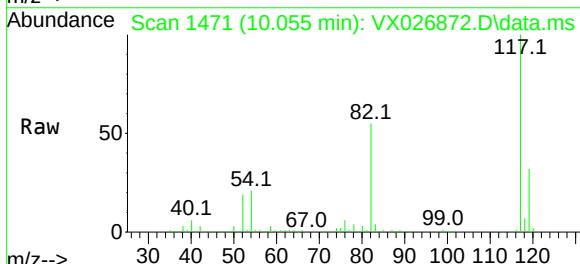
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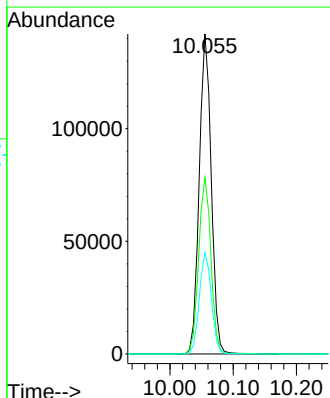
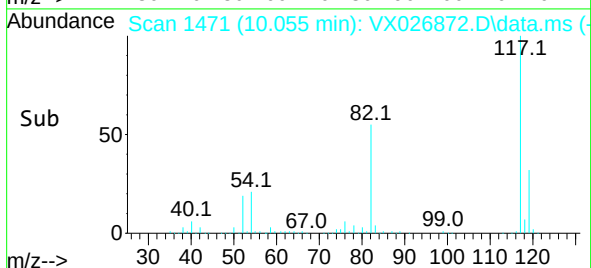
Supervised By :Mahesh
Dadoda
02/10/2022

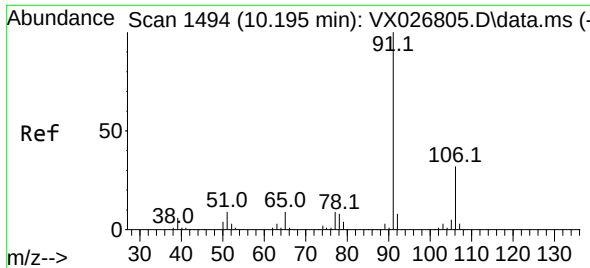


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34



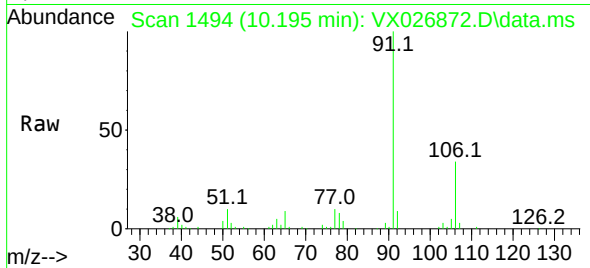
Tgt Ion:117 Resp: 188133
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.7 26.2 39.2





#67
Ethyl Benzene
Concen: 3.076 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

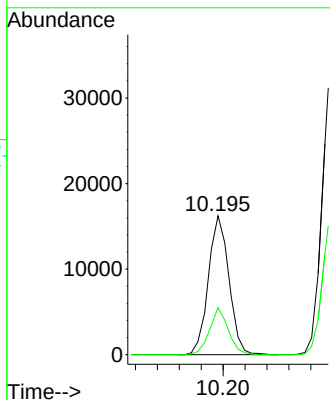
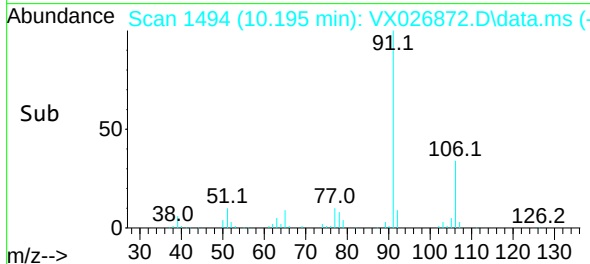
Instrument :
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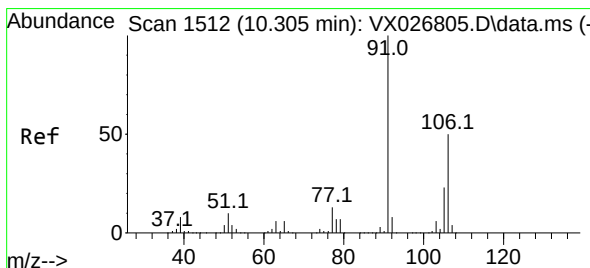
Tgt Ion: 91 Resp: 2118
Ion Ratio Lower Upper
91 100
106 33.8 24.7 37.1

Manual Integrations
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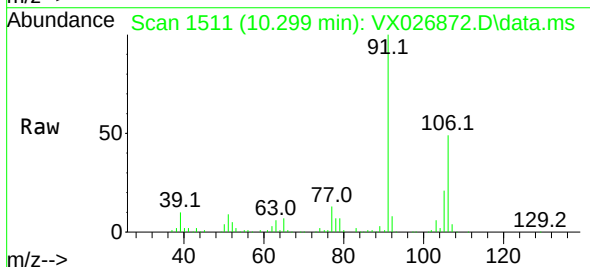
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



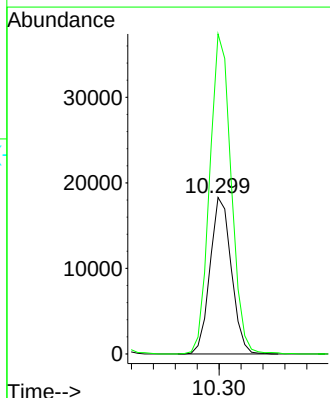
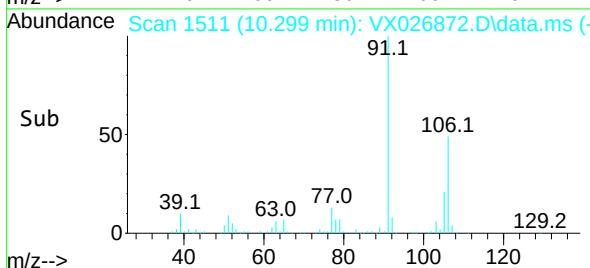
Supervised By :Mahesh
Dadoda
02/10/2022

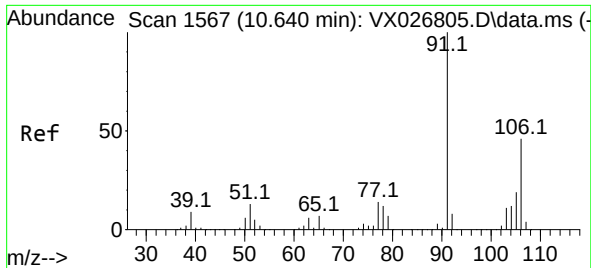


#68
m/p-Xylenes
Concen: 9.310 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34



Tgt Ion:106 Resp: 24667
Ion Ratio Lower Upper
106 100
91 206.9 165.3 247.9





#69
o-Xylene
Concen: 5.574 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

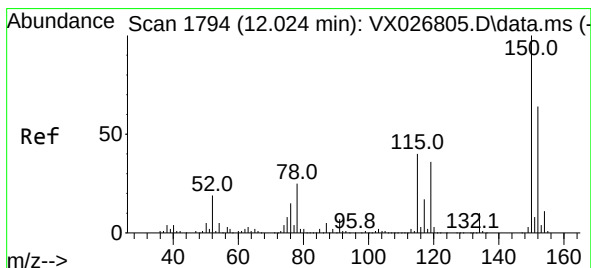
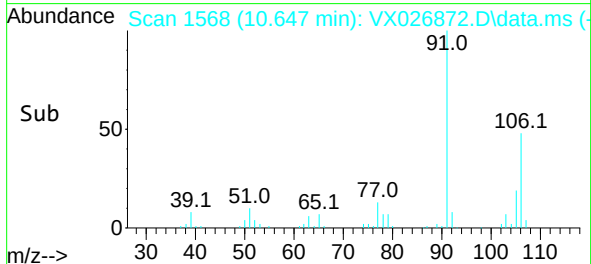
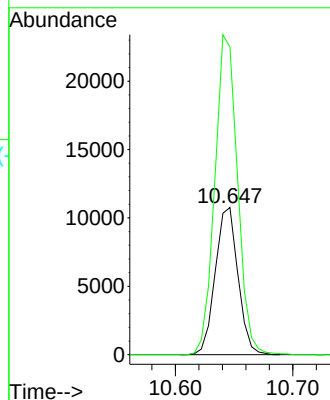
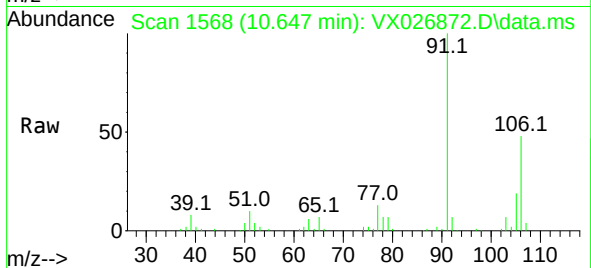
Instrument :
MSVOA_X
ClientSampleId :
31377

Tgt Ion:106 Resp: 14472
Ion Ratio Lower Upper
106 100
91 217.8 109.7 329.0

Manual Integrations
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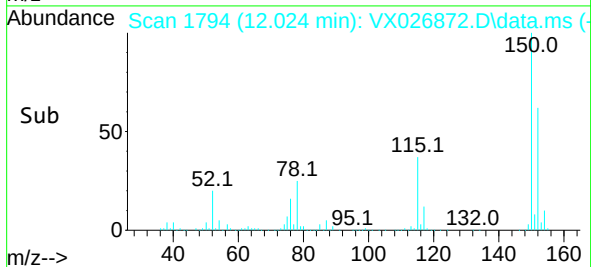
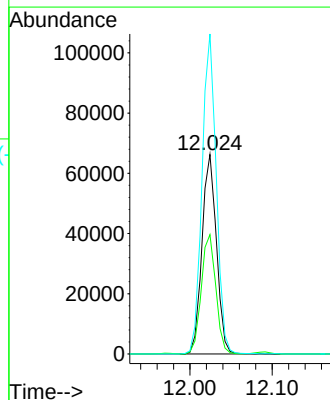
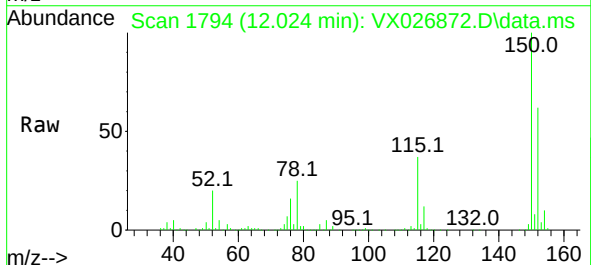
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

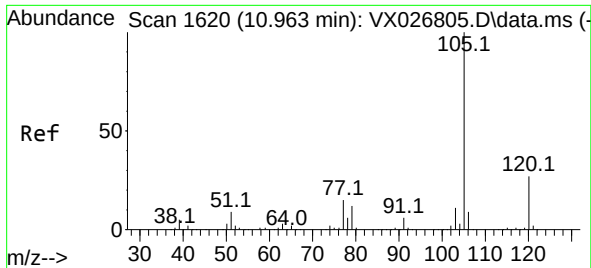
Supervised By :Mahesh
Dadoda
02/10/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

Tgt Ion:152 Resp: 80963
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 157.7 0.0 348.2





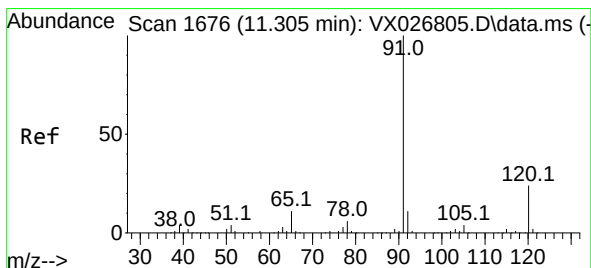
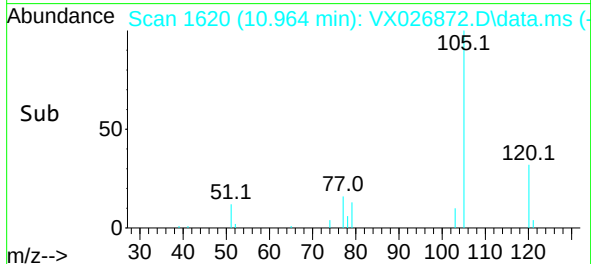
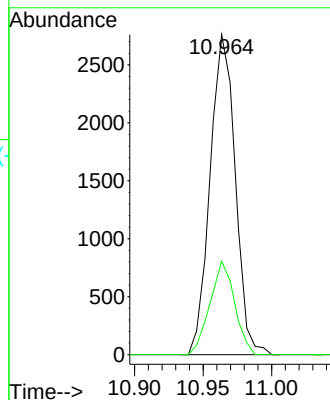
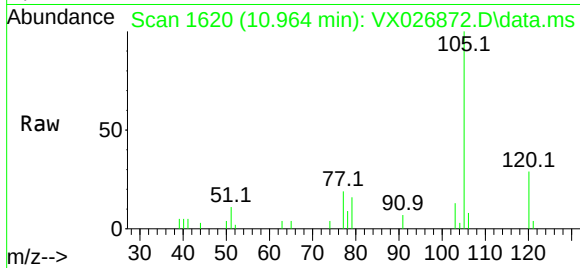
#73
Isopropylbenzene
Concen: 0.552 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
31377

Tgt Ion:105 Resp: 352
Ion Ratio Lower Upper
105 100
120 28.6 13.1 39.1

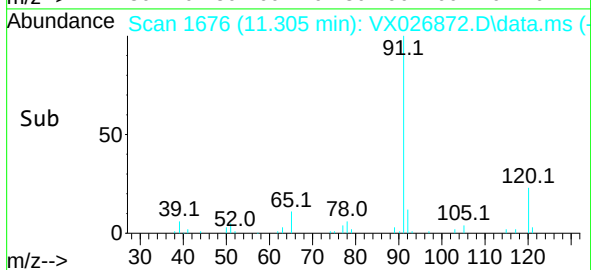
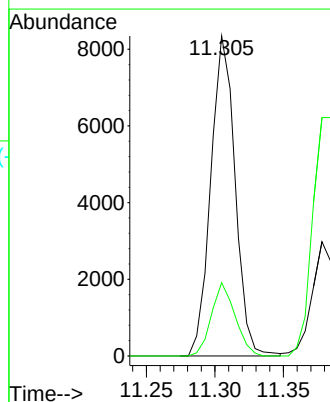
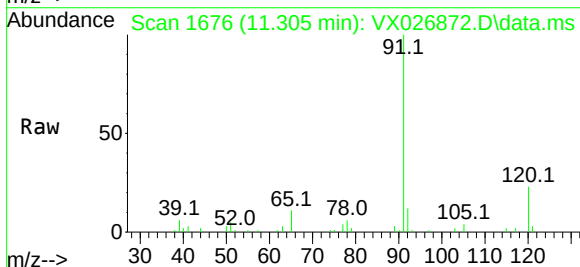
Manual Integrations
APPROVED

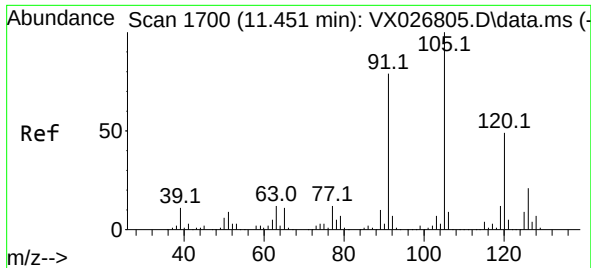
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#78
n-propylbenzene
Concen: 1.456 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

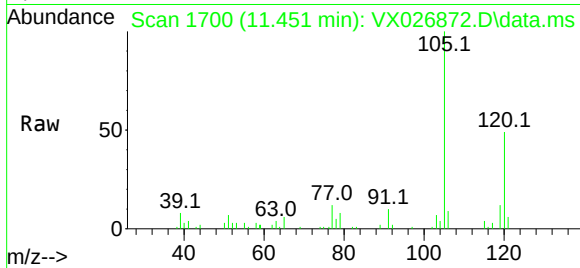
Tgt Ion: 91 Resp: 10296
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 2.046 ug/l
RT: 11.451 min Scan# 11700
Delta R.T. 0.000 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34

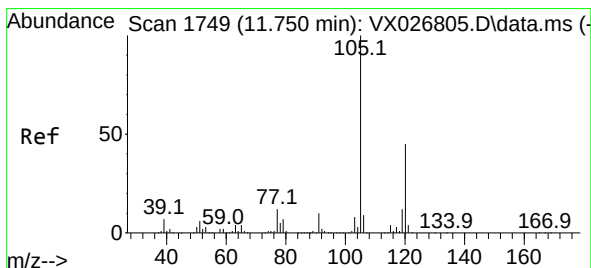
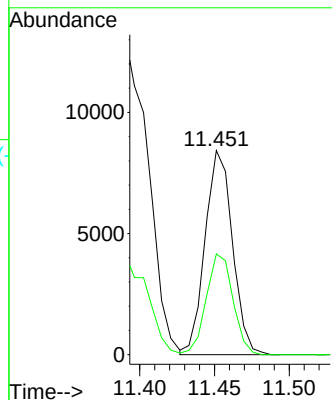
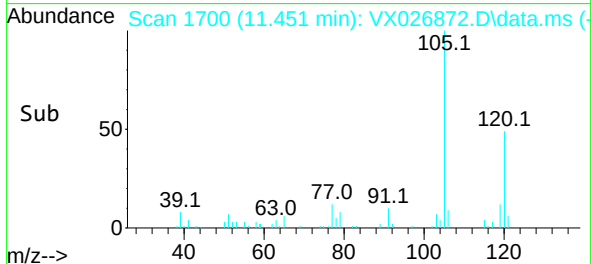
Instrument :
MSVOA_X
ClientSampleId :
31377



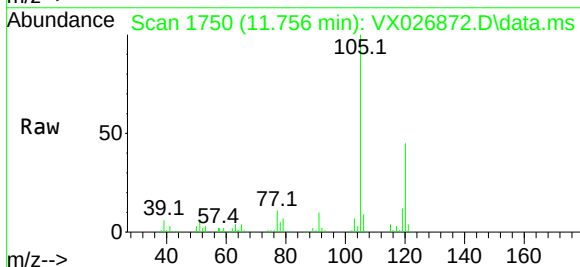
Tgt Ion:105 Resp: 10738
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0

Manual Integrations
APPROVED

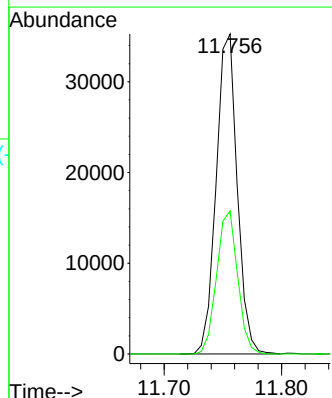
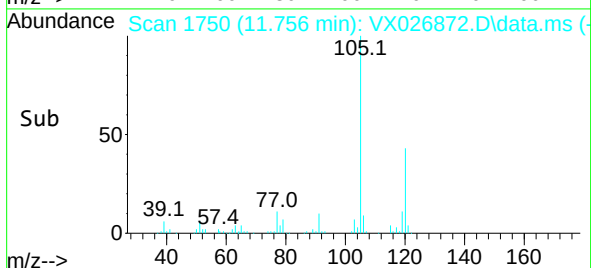
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

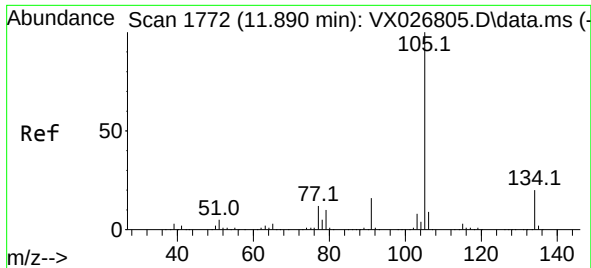


#84
1,2,4-Trimethylbenzene
Concen: 8.288 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026872.D
Acq: 09 Feb 2022 16:34



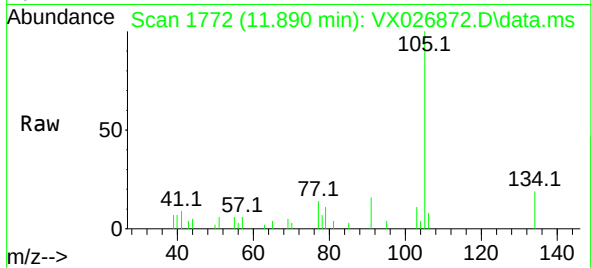
Tgt Ion:105 Resp: 43876
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 0.504 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX026872.D
 Acq: 09 Feb 2022 16:34

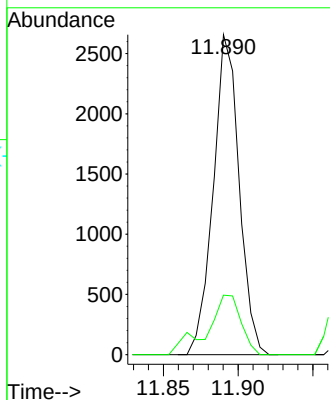
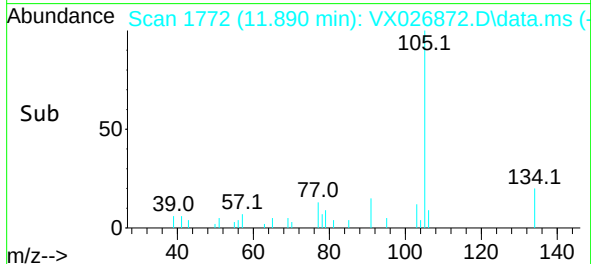
Instrument :
 MSVOA_X
 ClientSampleId :
 31377



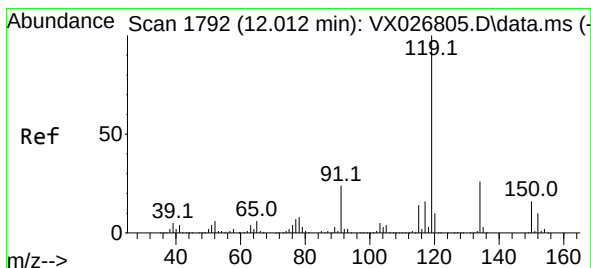
Tgt Ion:105 Resp: 319#
 Ion Ratio Lower Upper
 105 100
 134 24.4 10.1 30.1

Manual Integrations
 APPROVED

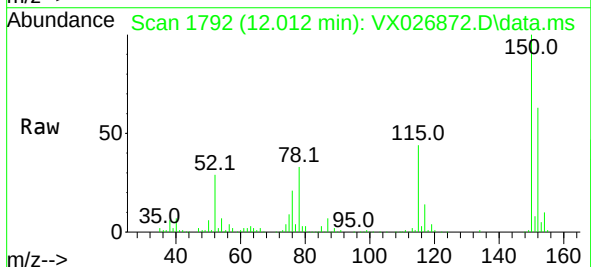
Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022



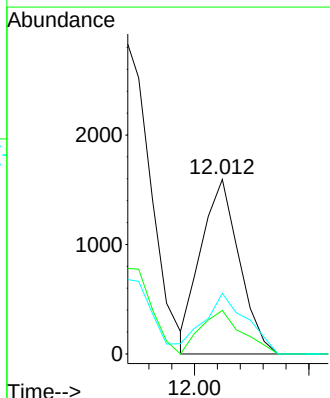
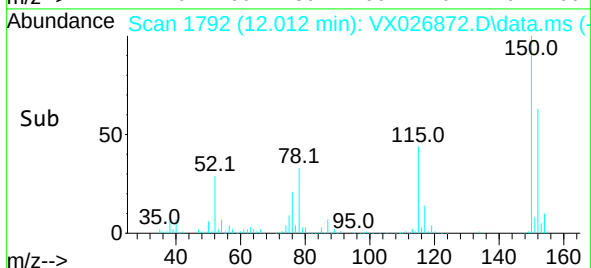
Supervised By :Mahesh
 Dadoda
 02/10/2022

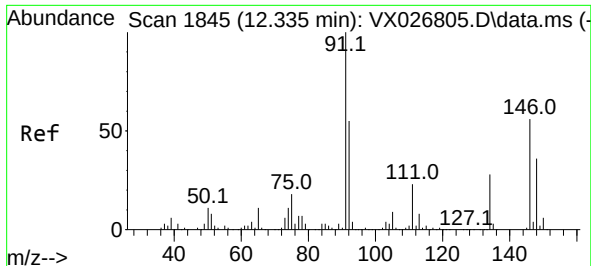


#86
 p-Isopropyltoluene
 Concen: 0.346 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026872.D
 Acq: 09 Feb 2022 16:34



Tgt Ion:119 Resp: 1860
 Ion Ratio Lower Upper
 119 100
 134 53.0 13.0 39.0#
 91 49.7 12.6 37.6#





#89

n-Butylbenzene

Concen: 1.294 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026872.D

Acq: 09 Feb 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

31377

Tgt Ion: 91 Resp: 5689

Ion	Ratio	Lower	Upper
91	100		
92	37.1	27.2	81.6
134	83.6	13.1	39.1

Manual Integrations

APPROVED

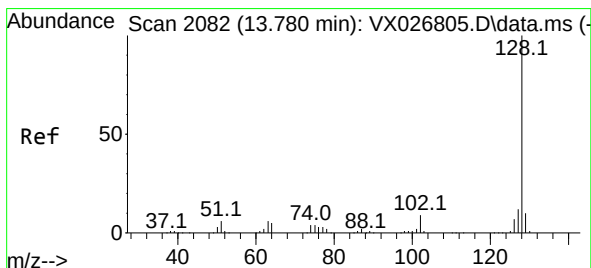
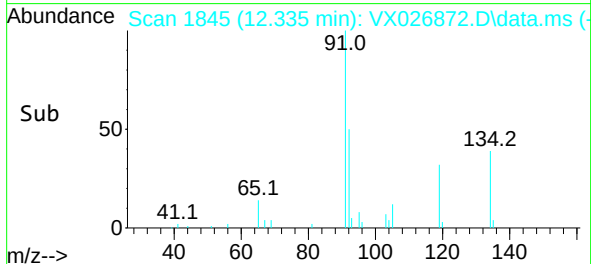
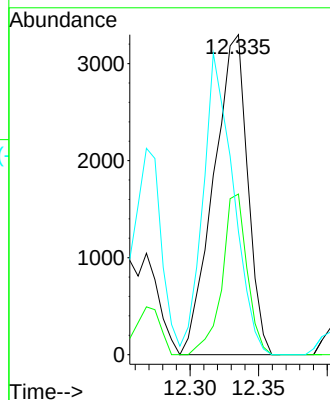
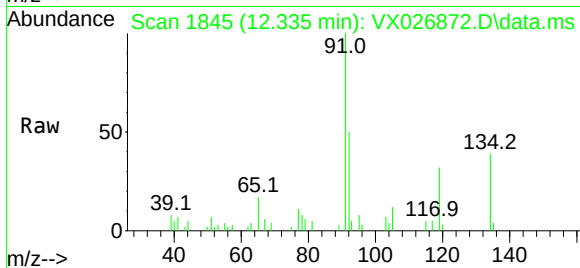
Reviewed By :Semsettin Yesilyurt 02/10/2022

Supervised By :Mahesh Dadoda 02/10/2022

Supervised By :Mahesh

Dadoda

02/10/2022



#95

Naphthalene

Concen: 0.954 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026872.D

Acq: 09 Feb 2022 16:34

Tgt Ion:128 Resp: 5650

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	12.6	8.7	13.1

