

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033244.D
 Acq On : 05 Dec 2022 22:22
 Operator : JC/MD
 Sample : N5875-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Dec 06 06:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61378	51.167	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.340%			
35) Dibromofluoromethane	5.391	113	51243	46.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.300%			
50) Toluene-d8	8.647	98	170925	51.214	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	74984	51.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.983	59	1348471	7105.265	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1675606	450.348	ug/l #	87
22) Diisopropyl ether	3.757	45	15017	3.982	ug/l #	85
27) cis-1,2-Dichloroethene	4.489	96	632	0.453	ug/l	84
31) Cyclohexane	5.477	56	64770	33.389	ug/l	90
39) Methylcyclohexane	7.379	83	65013	32.093	ug/l #	87
40) Benzene	6.037	78	183351	36.833	ug/l	99
52) Toluene	8.720	92	17217	5.257	ug/l	99
67) Ethyl Benzene	10.195	91	1669238	260.530	ug/l	98
68) m/p-Xylenes	10.305	106	79945	31.864	ug/l	100
69) o-Xylene	10.640	106	13274	5.468	ug/l	97
73) Isopropylbenzene	10.963	105	257915	37.386	ug/l	100
78) n-propylbenzene	11.305	91	703828	89.231	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	41483	7.158	ug/l	99
83) tert-Butylbenzene	11.713	119	4494	0.779	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	87933	15.217	ug/l	97
85) sec-Butylbenzene	11.890	105	48118	6.972	ug/l	99
86) p-Isopropyltoluene	12.012	119	12141m	2.076	ug/l	
89) n-Butylbenzene	12.329	91	69500	13.797	ug/l #	69
95) Naphthalene	13.774	128	739531	119.795	ug/l	99

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

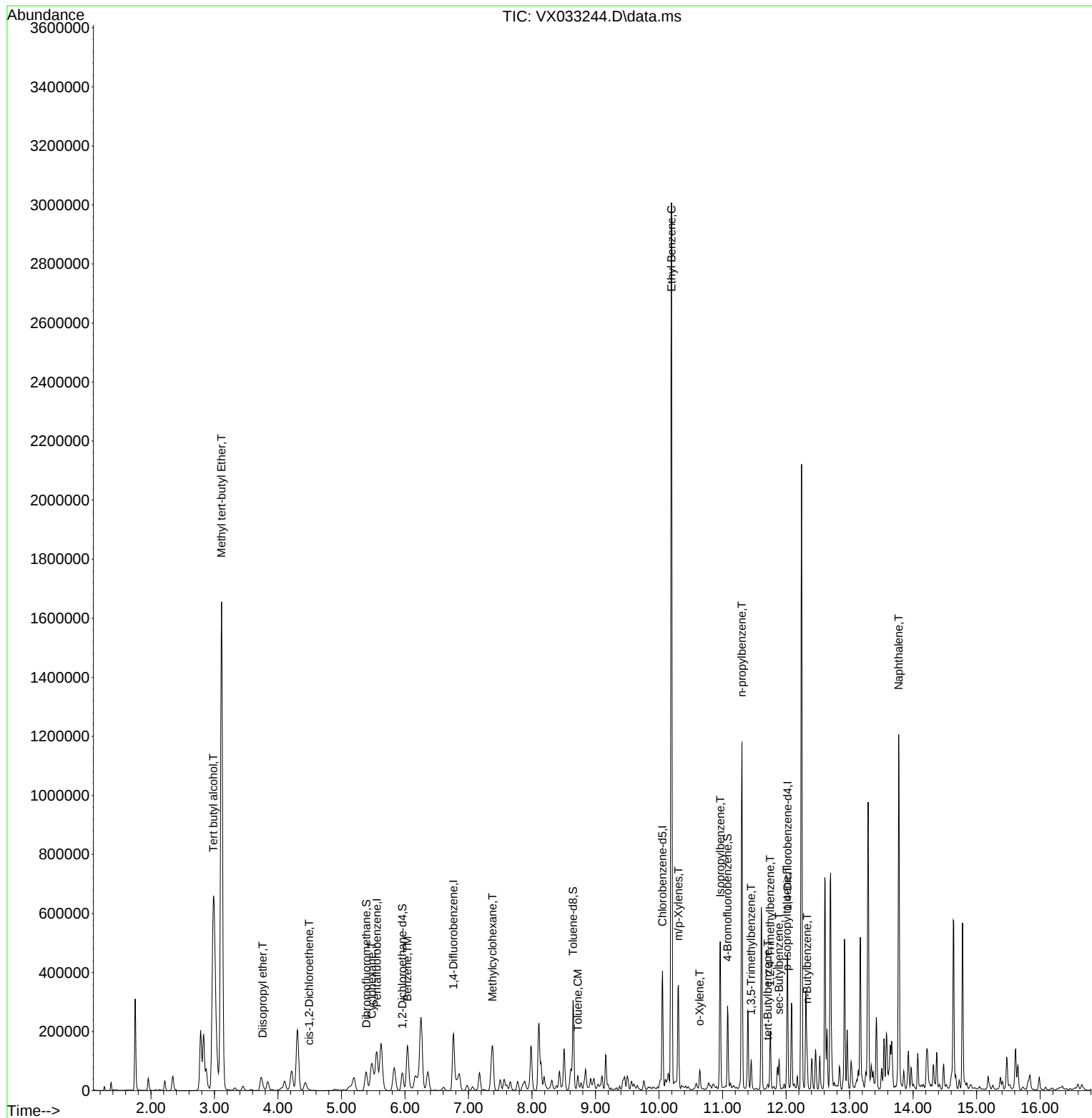
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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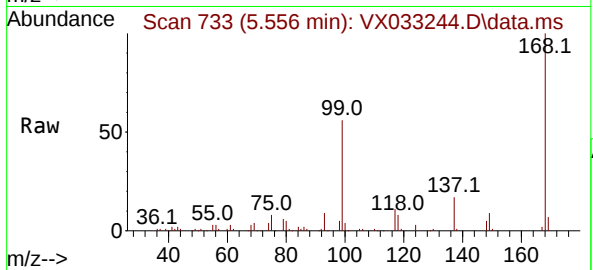
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

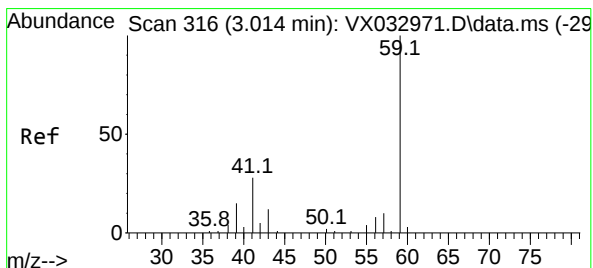
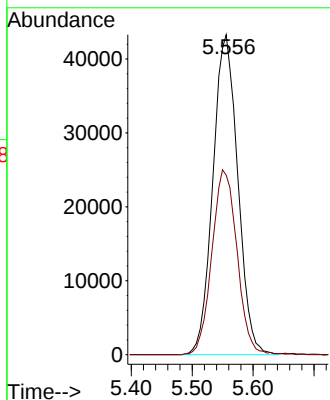
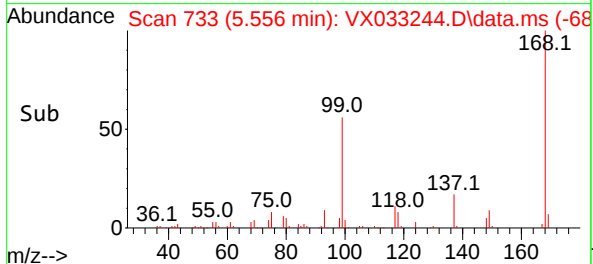
Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion:168 Resp: 122938
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1

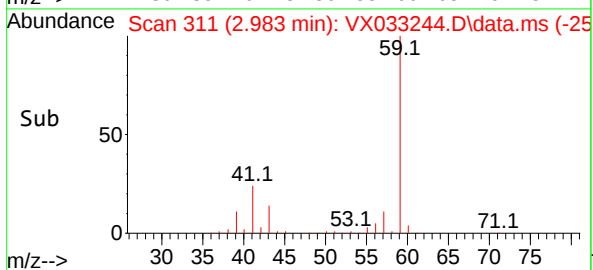
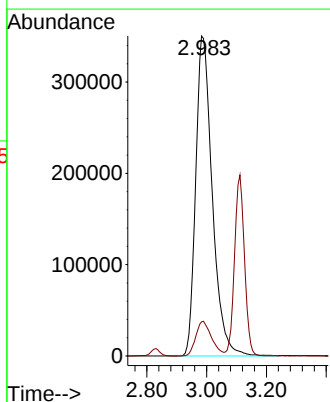
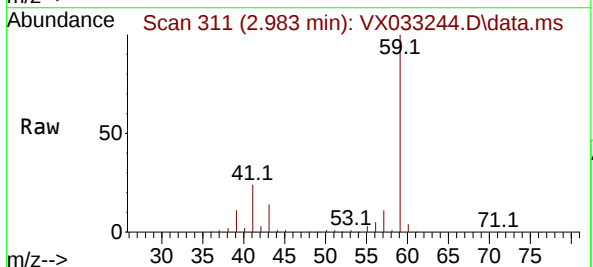
Manual Integrations
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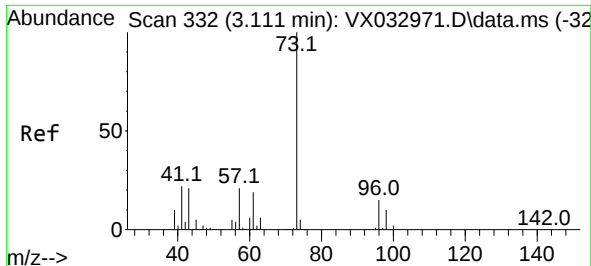
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#11
Tert butyl alcohol
Concen: 7105.265 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

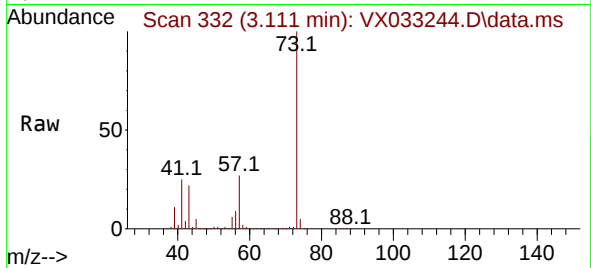
Tgt Ion: 59 Resp: 1348471
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4





#19
Methyl tert-butyl Ether
Concen: 450.348 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

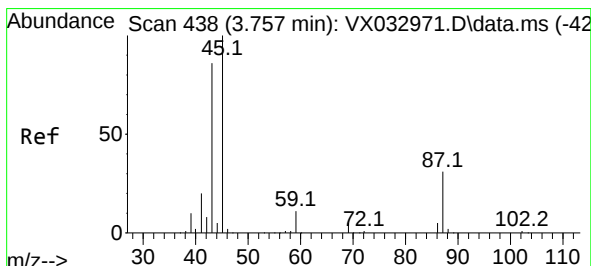
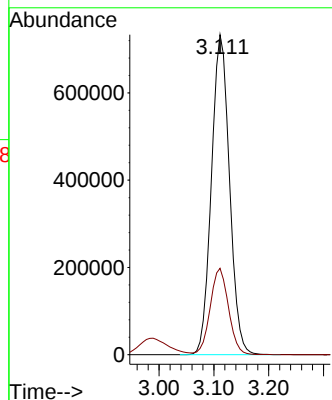
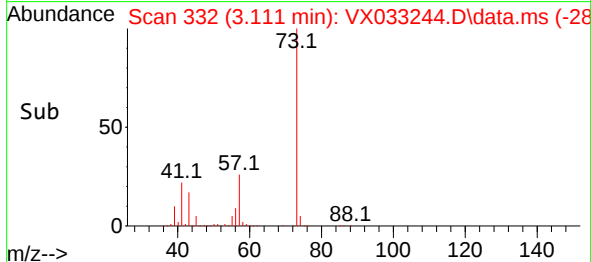
Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion: 73 Resp: 167560
Ion Ratio Lower Upper
73 100
57 27.0 16.6 25.0

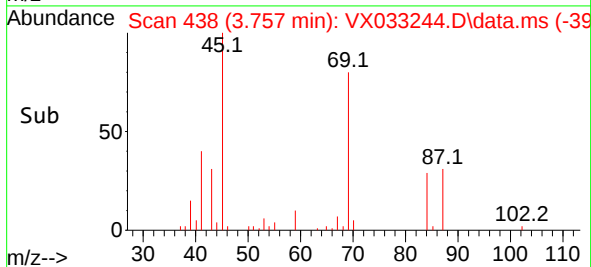
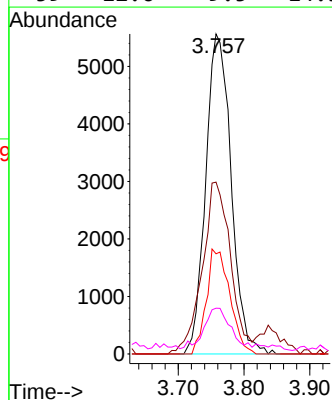
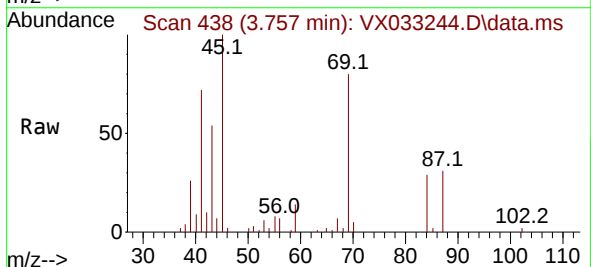
Manual Integrations
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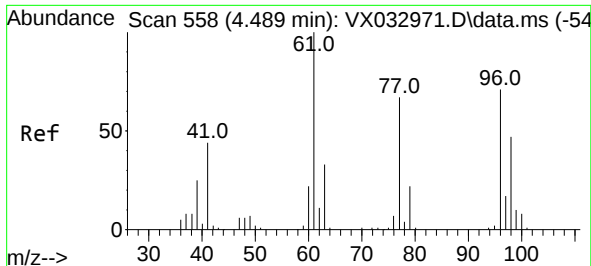
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#22
Diisopropyl ether
Concen: 3.982 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 45 Resp: 15017
Ion Ratio Lower Upper
45 100
43 50.9 56.4 84.6#
87 31.3 24.4 36.6
59 12.6 9.5 14.3





#27

cis-1,2-Dichloroethene

Concen: 0.453 ug/l

RT: 4.489 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

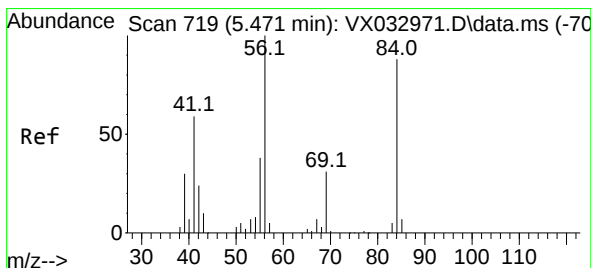
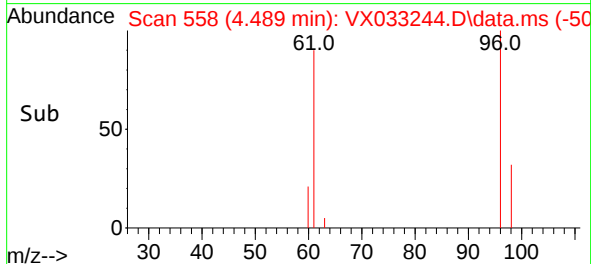
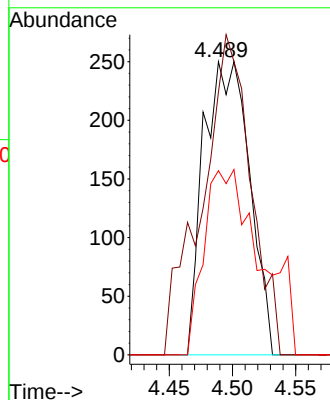
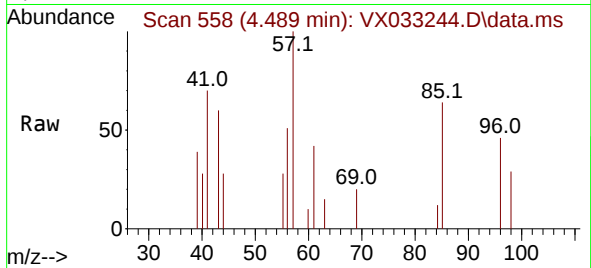
Tgt Ion: 96	Resp: 632
Ion Ratio	Lower Upper
96 100	
61 116.5	0.0 286.0
98 68.8	0.0 129.6

Manual Integrations

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#31

Cyclohexane

Concen: 33.389 ug/l

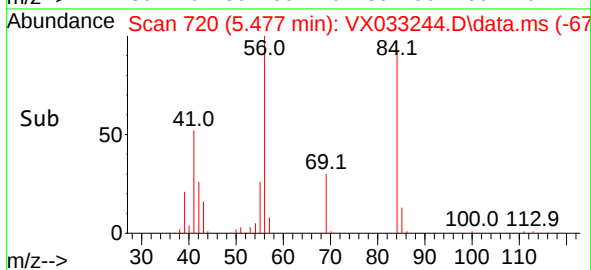
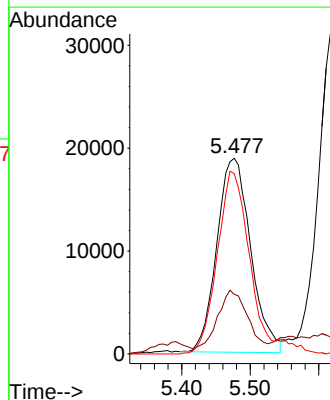
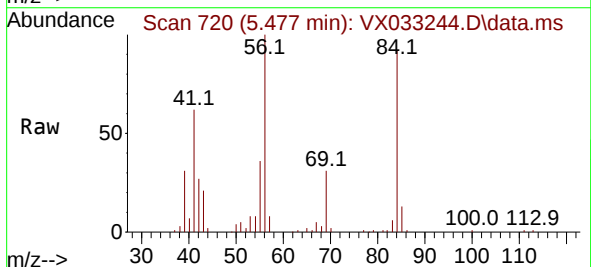
RT: 5.477 min Scan# 720

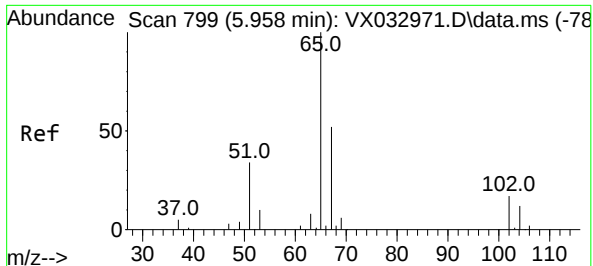
Delta R.T. 0.007 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion: 56	Resp: 64770
Ion Ratio	Lower Upper
56 100	
69 25.5	24.1 36.1
84 93.2	66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 51.167 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

Tgt Ion: 65 Resp: 61378

Ion Ratio Lower Upper

65 100

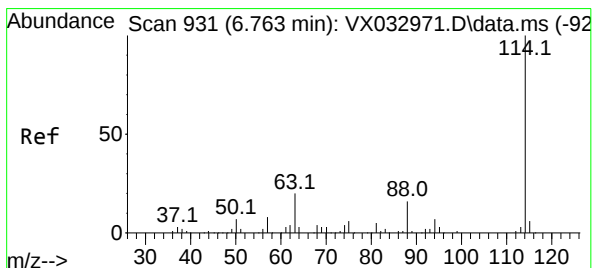
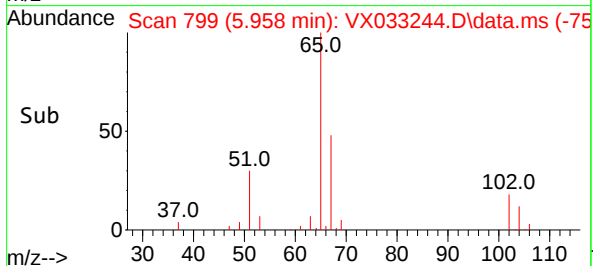
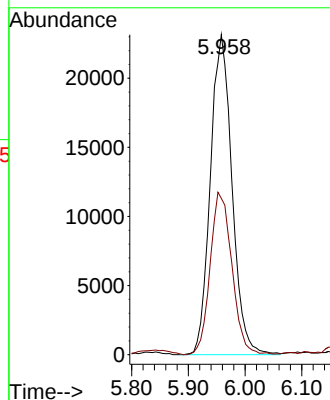
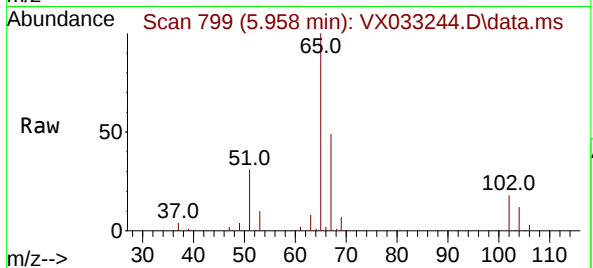
67 51.0 0.0 101.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

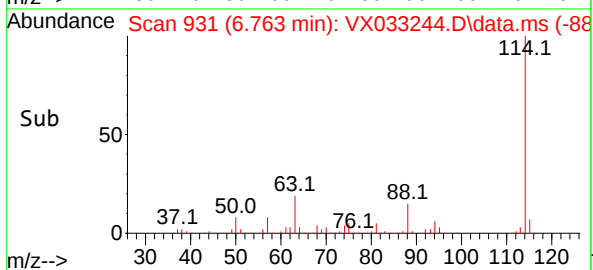
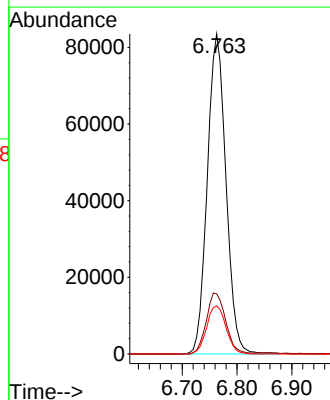
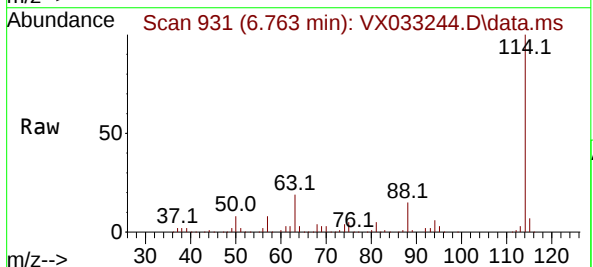
Tgt Ion:114 Resp: 196957

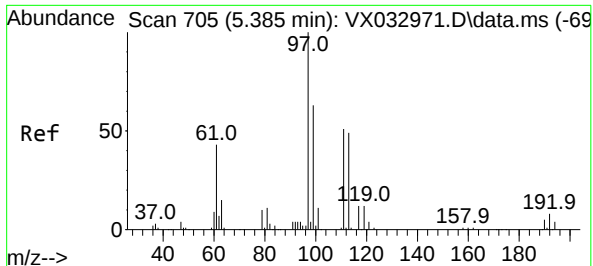
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.149 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

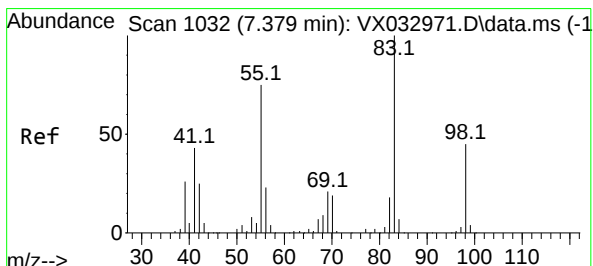
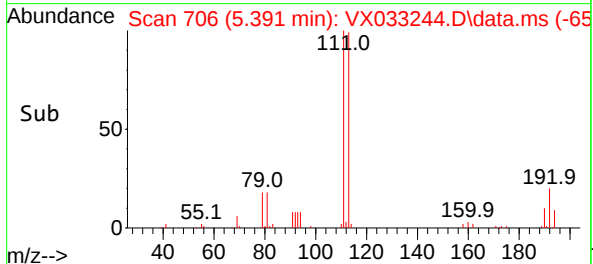
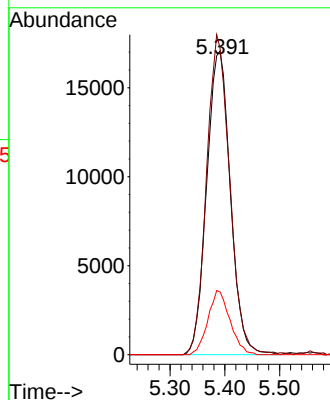
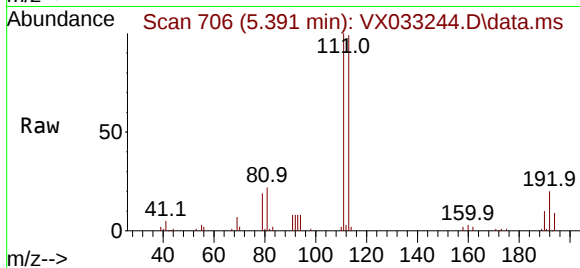
Tgt Ion:	113	Resp:	5124
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.4	123.6
192	19.6	15.4	23.2

Manual Integrations

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#39

Methylcyclohexane

Concen: 32.093 ug/l

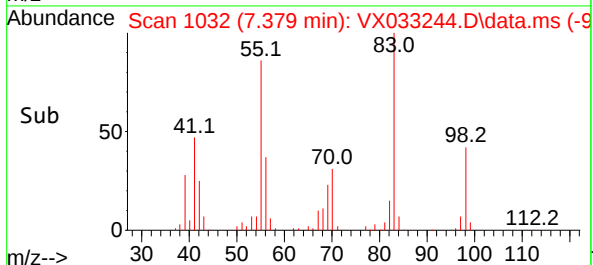
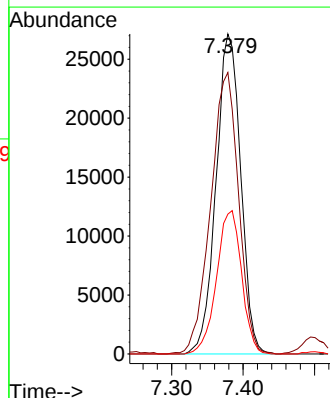
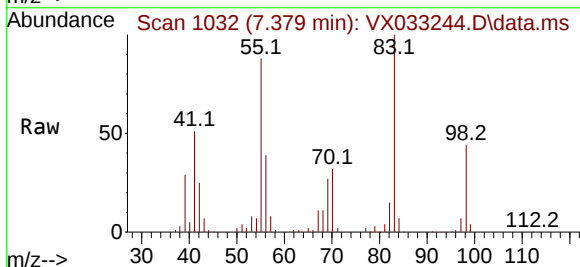
RT: 7.379 min Scan# 1032

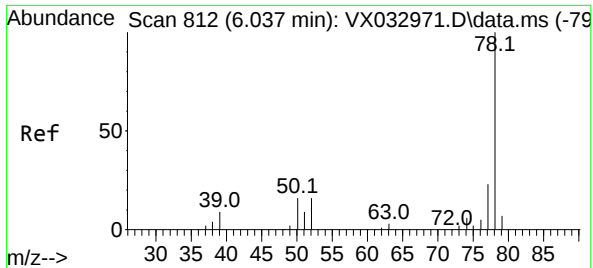
Delta R.T. -0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion:	83	Resp:	65013
Ion Ratio	Lower	Upper	
83	100		
55	87.9	58.4	87.6
98	43.7	37.2	55.8





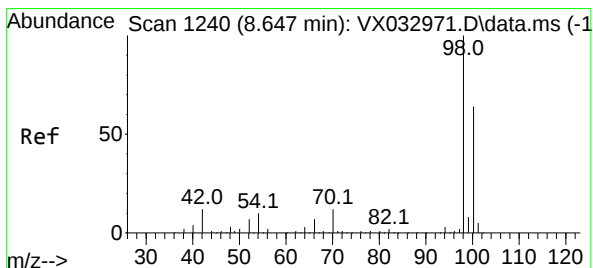
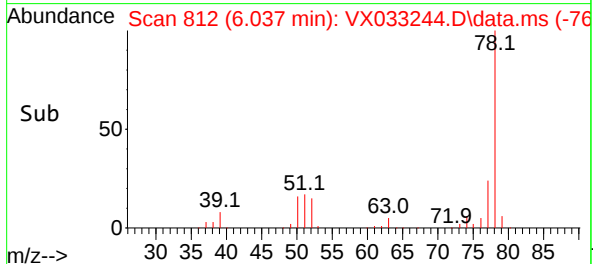
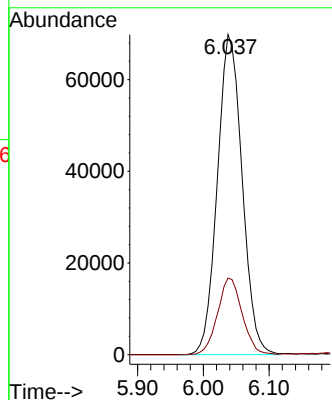
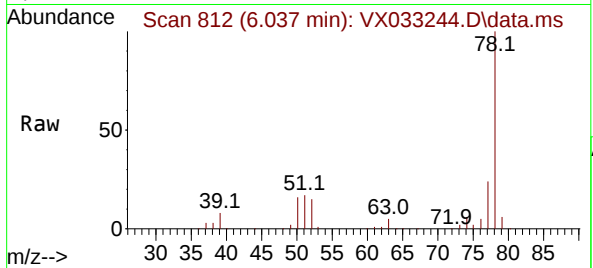
#40
Benzene
Concen: 36.833 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 78 Resp: 18335
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

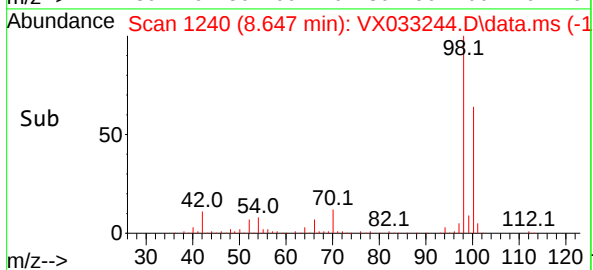
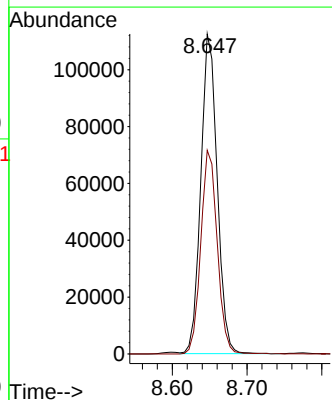
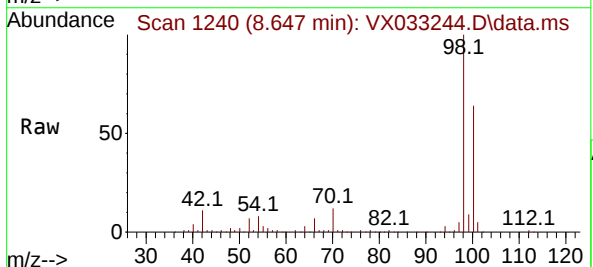
Manual Integrations
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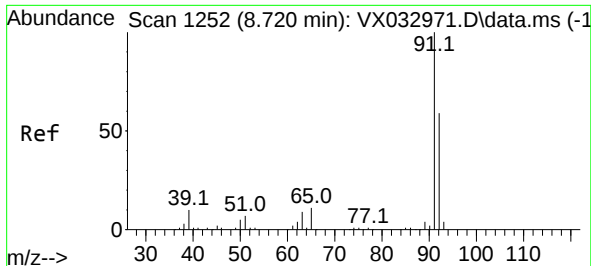
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 98 Resp: 170925
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





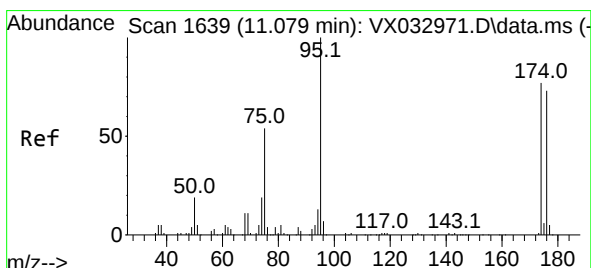
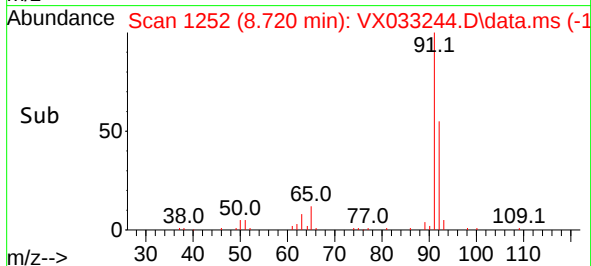
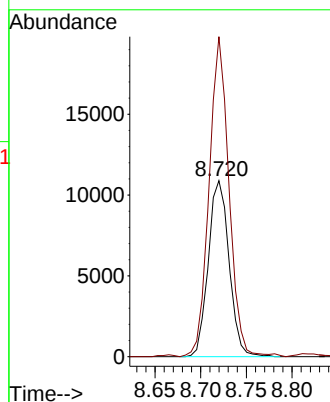
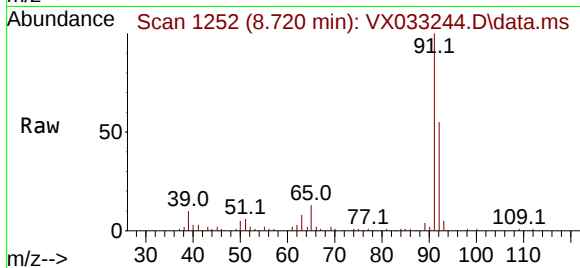
#52
Toluene
Concen: 5.257 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 92 Resp: 1721
Ion Ratio Lower Upper
92 100
91 173.8 138.3 207.5

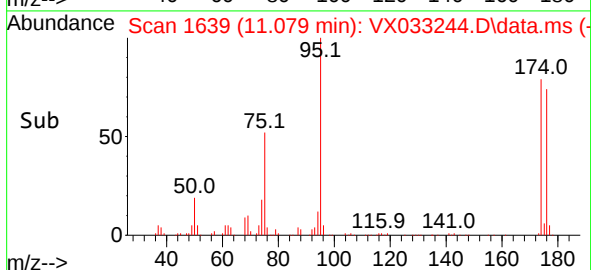
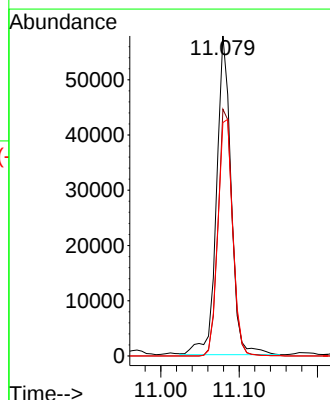
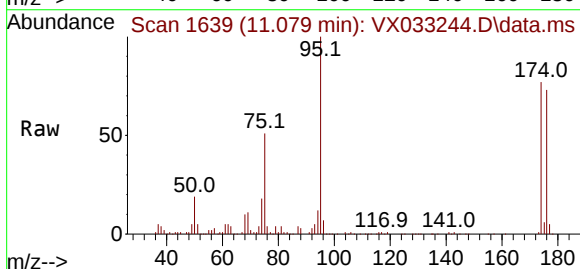
Manual Integrations
APPROVED

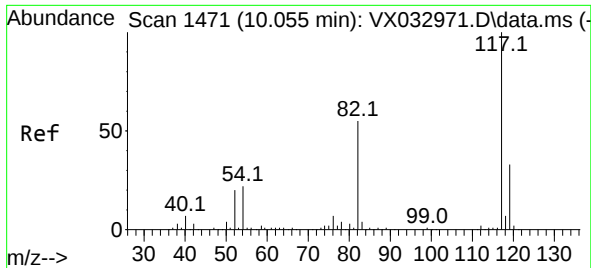
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#62
4-Bromofluorobenzene
Concen: 51.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

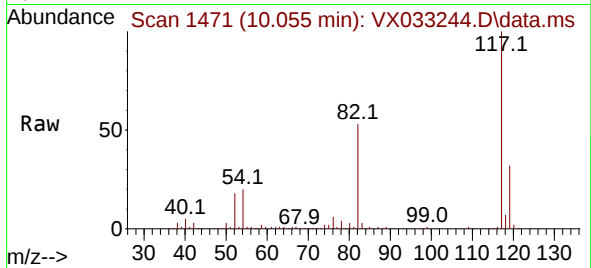
Tgt Ion: 95 Resp: 74984
Ion Ratio Lower Upper
95 100
174 76.3 0.0 164.0
176 75.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

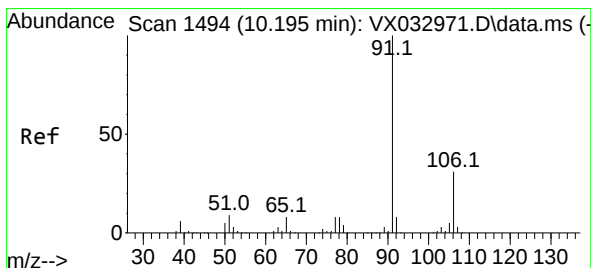
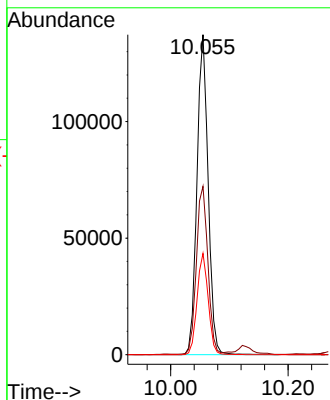
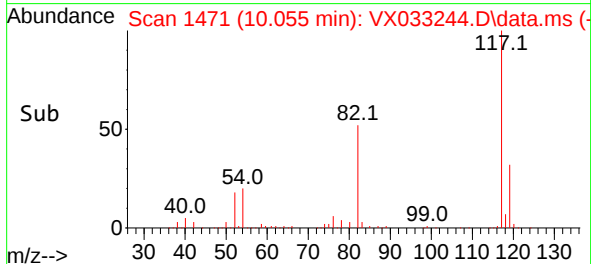
Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion:117 Resp: 18116
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 31.7 25.7 38.5

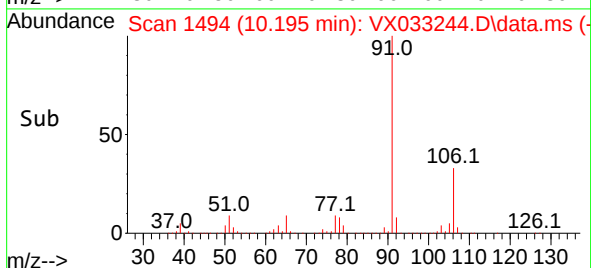
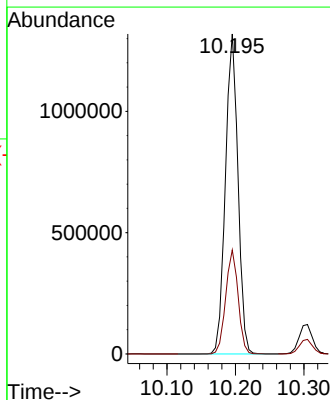
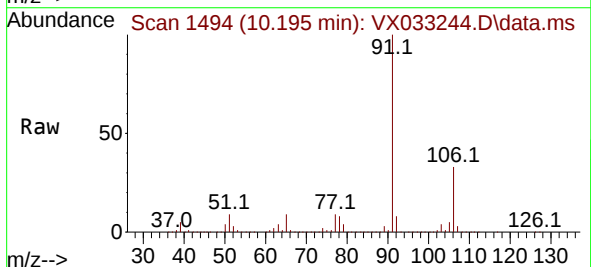
Manual Integrations
APPROVED

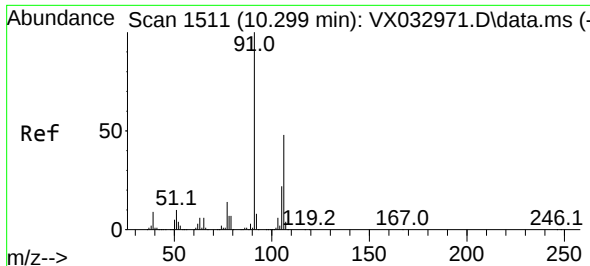
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#67
Ethyl Benzene
Concen: 260.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

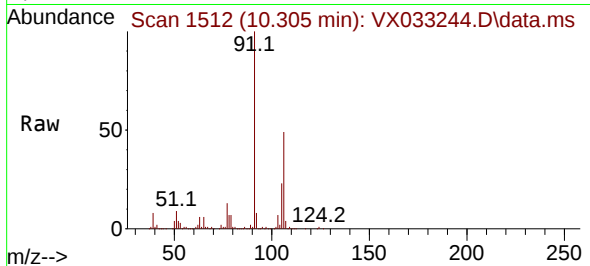
Tgt Ion: 91 Resp: 1669238
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6





#68
m/p-Xylenes
Concen: 31.864 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

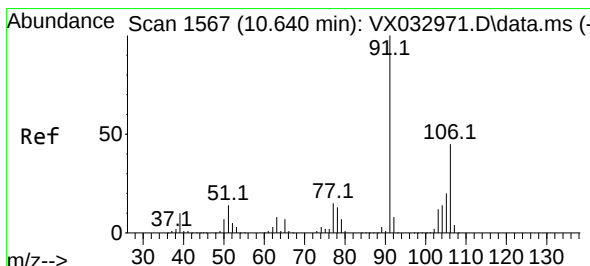
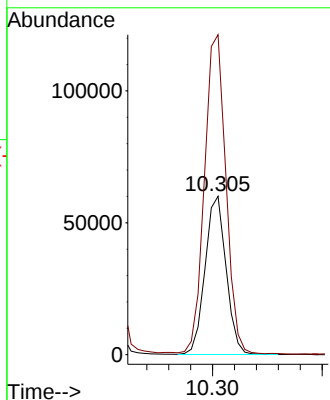
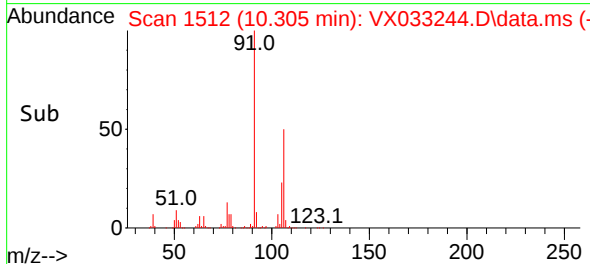
Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion:106 Resp: 7994
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7

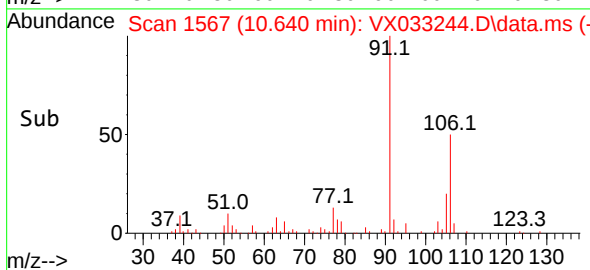
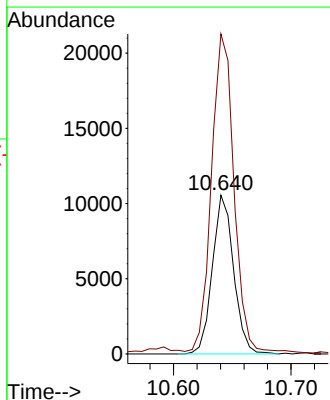
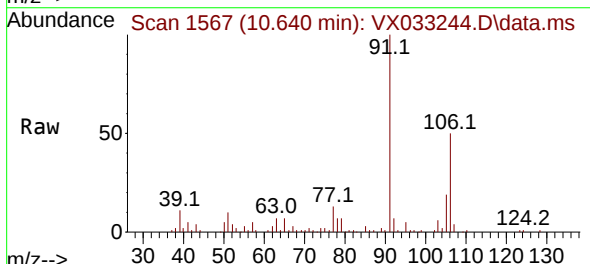
Manual Integrations
APPROVED

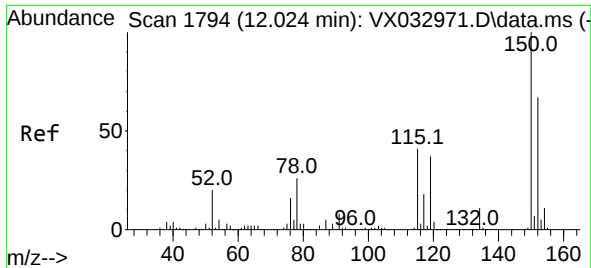
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#69
o-Xylene
Concen: 5.468 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

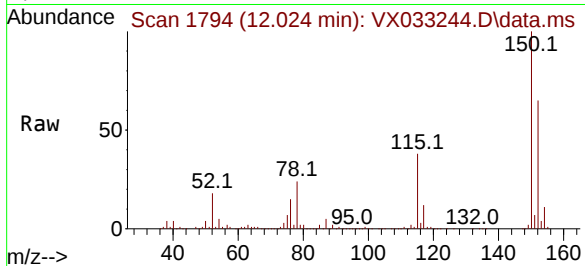
Tgt Ion:106 Resp: 13274
Ion Ratio Lower Upper
106 100
91 213.6 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

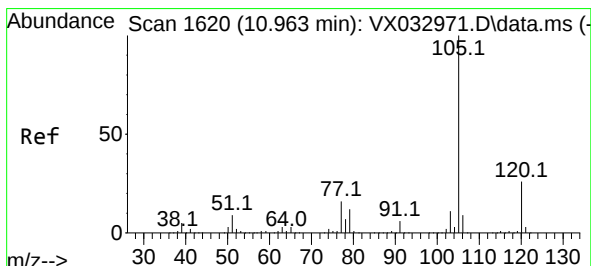
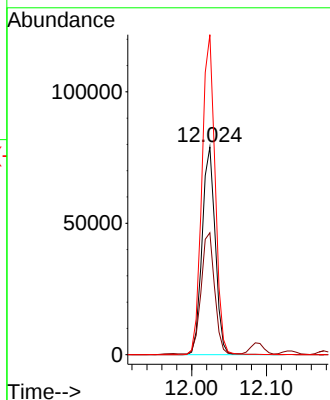
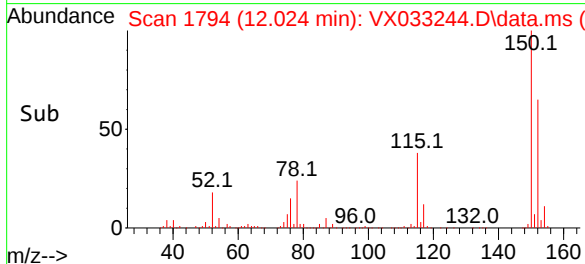
Instrument :
MSVOA_X
ClientSampleId :
MW-44



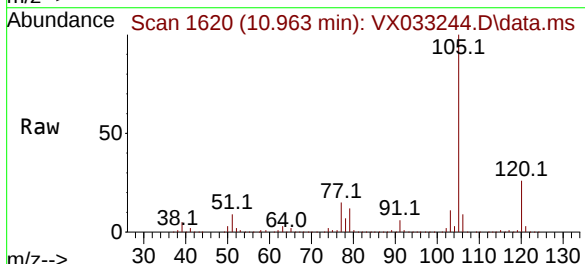
Tgt Ion:152 Resp: 96542
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 154.8 0.0 351.8

Manual Integrations
APPROVED

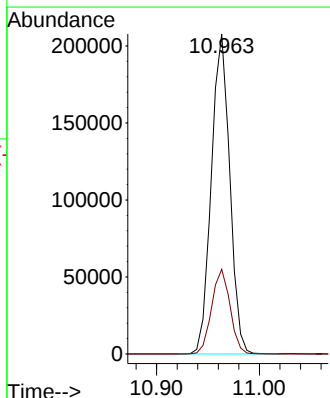
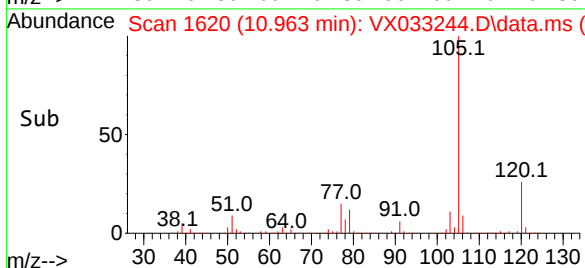
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

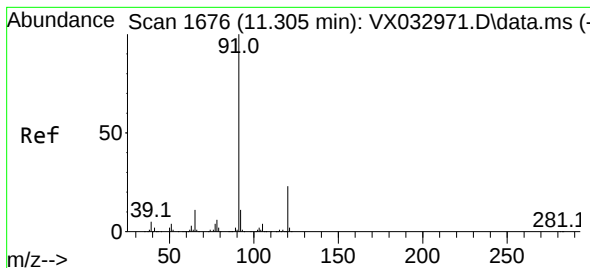


#73
Isopropylbenzene
Concen: 37.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22



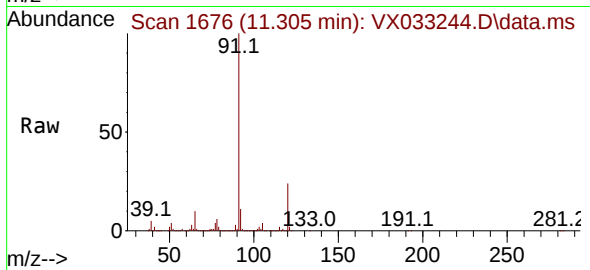
Tgt Ion:105 Resp: 257915
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3





#78
n-propylbenzene
Concen: 89.231 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

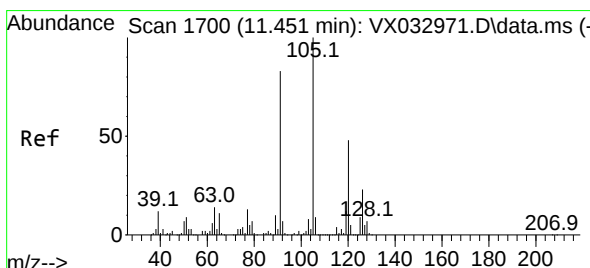
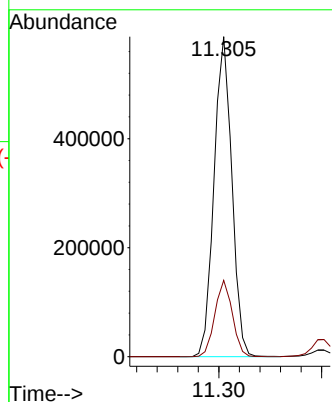
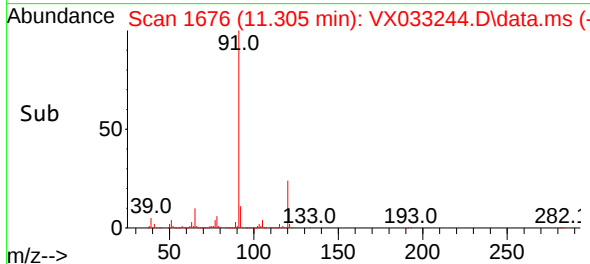
Instrument :
MSVOA_X
ClientSampleId :
MW-44



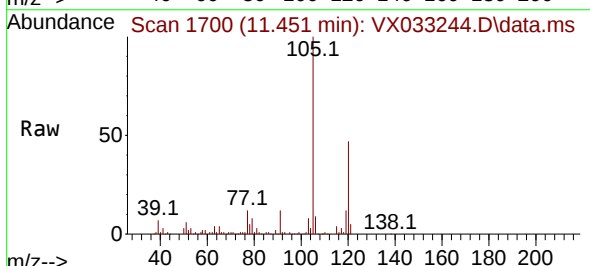
Tgt Ion: 91 Resp: 703828
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8

Manual Integrations
APPROVED

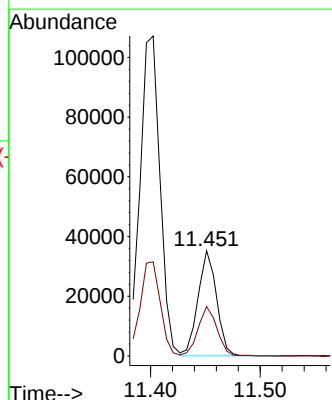
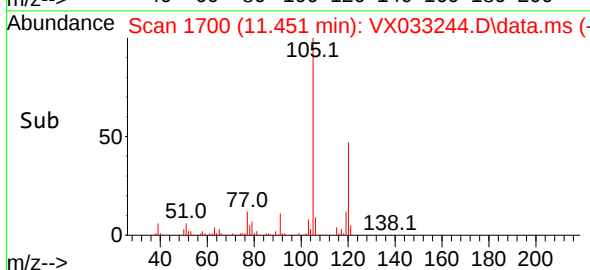
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

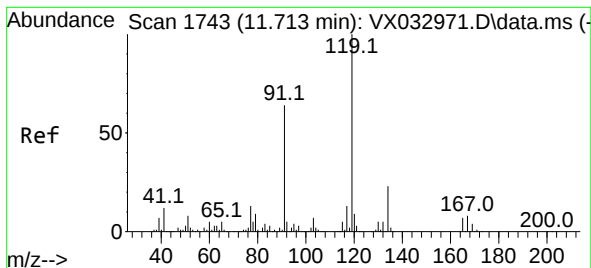


#80
1,3,5-Trimethylbenzene
Concen: 7.158 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22



Tgt Ion:105 Resp: 41483
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





#83

tert-Butylbenzene

Concen: 0.779 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

Tgt Ion:119 Resp: 4494

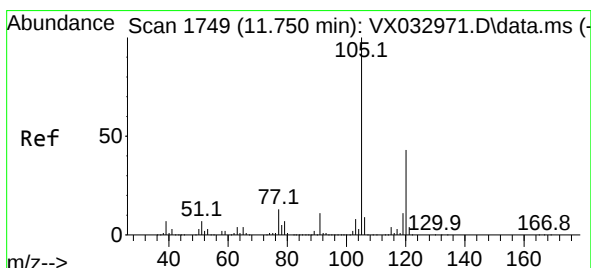
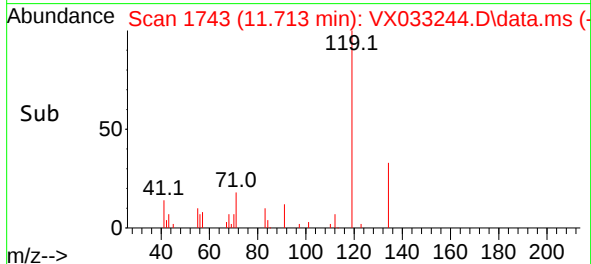
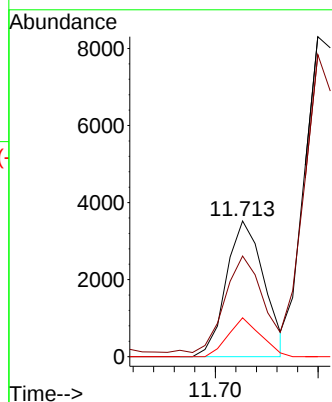
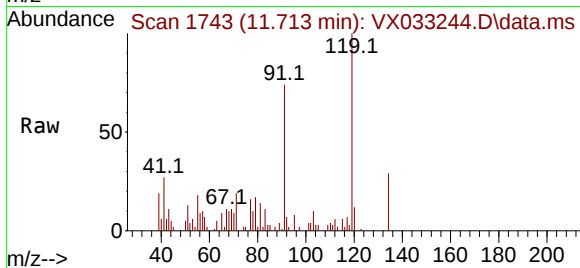
Ion	Ratio	Lower	Upper
119	100		
91	72.2	29.4	88.2
134	24.7	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#84

1,2,4-Trimethylbenzene

Concen: 15.217 ug/l

RT: 11.750 min Scan# 1749

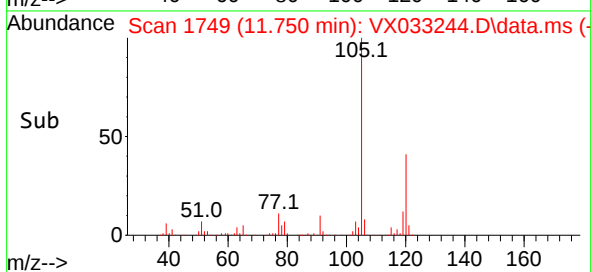
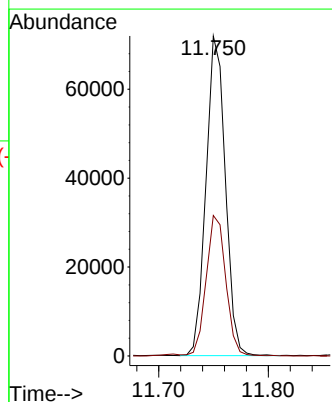
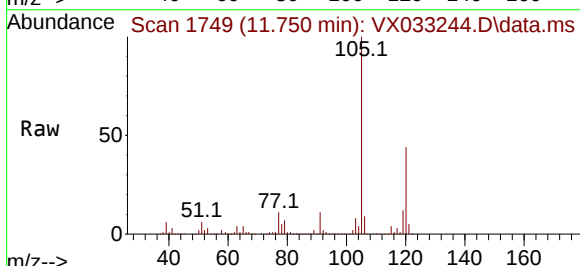
Delta R.T. -0.000 min

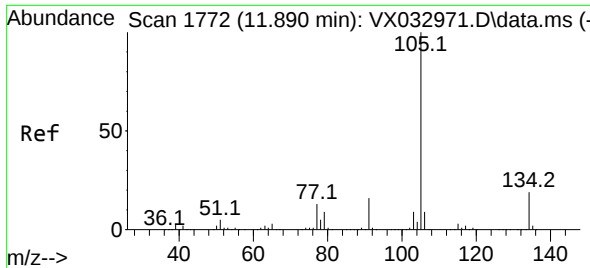
Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion:105 Resp: 87933

Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.9	65.5





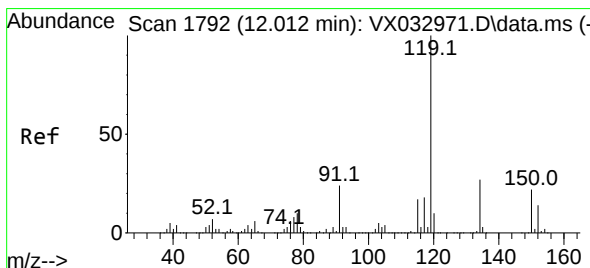
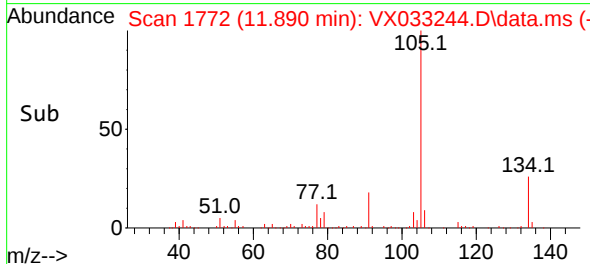
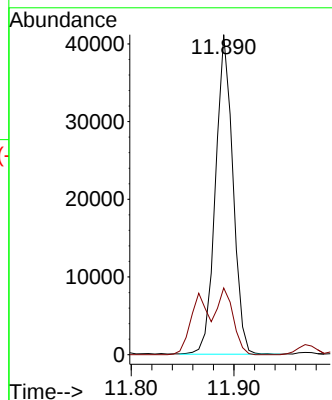
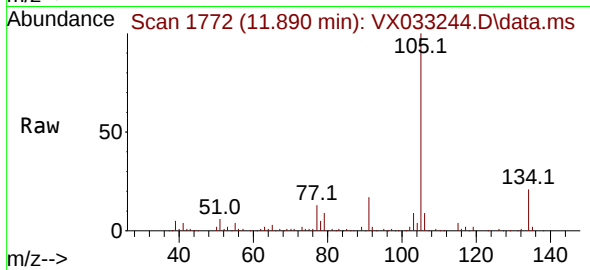
#85
 sec-Butylbenzene
 Concen: 6.972 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Tgt Ion:105 Resp: 48118
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7

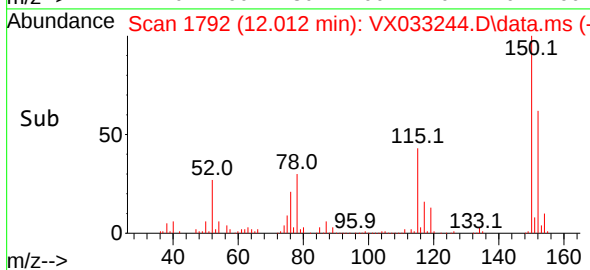
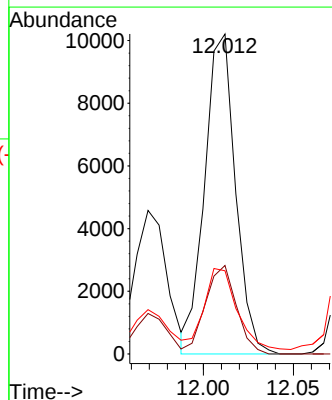
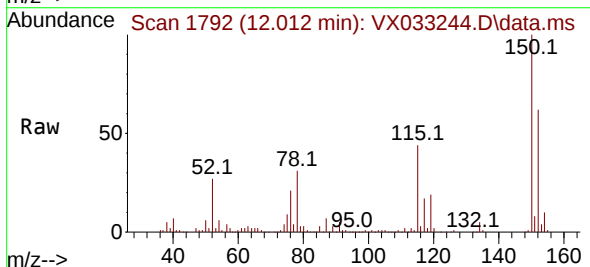
Manual Integrations
 APPROVED

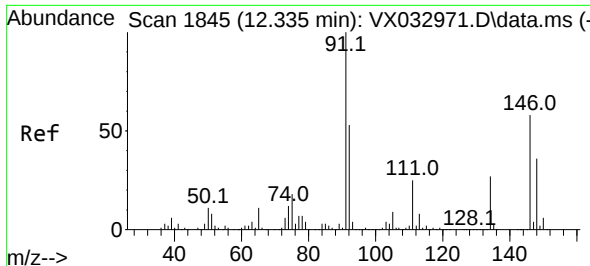
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#86
 p-Isopropyltoluene
 Concen: 2.076 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

Tgt Ion:119 Resp: 12141
 Ion Ratio Lower Upper
 119 100
 134 40.3 12.9 38.7#
 91 39.4 12.5 37.5#





#89

n-Butylbenzene

Concen: 13.797 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

Tgt Ion: 91 Resp: 69500

Ion Ratio Lower Upper

91 100

92 37.5 26.2 78.6

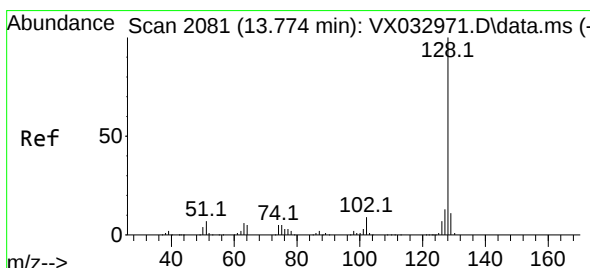
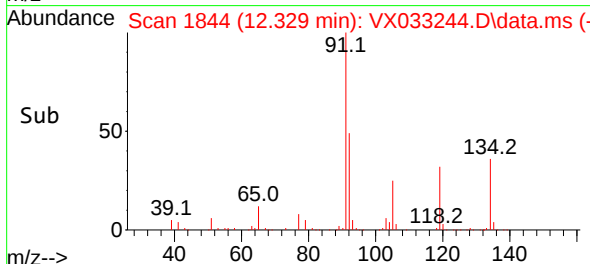
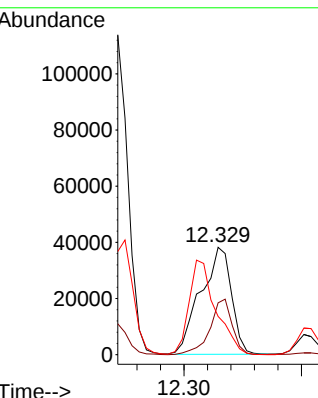
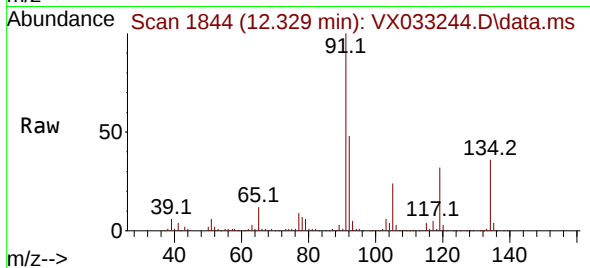
134 0.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#95

Naphthalene

Concen: 119.795 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion:128 Resp: 739531

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.5 8.9 13.3

