

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033235.D
 Acq On : 05 Dec 2022 18:55
 Operator : JC/MD
 Sample : N5875-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 06:01:06 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58164	51.695	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.380%			
35) Dibromofluoromethane	5.391	113	49002	47.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.060%			
50) Toluene-d8	8.647	98	163730	52.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	68680	50.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.360%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	1625470	9125.689	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	2383255	682.487	ug/l #	87
22) Diisopropyl ether	3.758	45	29719	8.396	ug/l #	85
31) Cyclohexane	5.477	56	58207	31.970	ug/l #	94
39) Methylcyclohexane	7.379	83	67669	35.598	ug/l	92
40) Benzene	6.044	78	187850	40.214	ug/l	98
52) Toluene	8.720	92	22680	7.380	ug/l	99
67) Ethyl Benzene	10.195	91	2024145	336.549	ug/l	98
68) m/p-Xylenes	10.305	106	1300151	552.040	ug/l	95
69) o-Xylene	10.640	106	154007	67.582	ug/l	99
73) Isopropylbenzene	10.964	105	250548	37.798	ug/l	99
78) n-propylbenzene	11.305	91	436213	57.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	481075	86.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1653500	297.794	ug/l	98
85) sec-Butylbenzene	11.890	105	27568m	4.157	ug/l	
86) p-Isopropyltoluene	12.012	119	11486m	2.044	ug/l	
89) n-Butylbenzene	12.323	91	52946	10.939	ug/l #	21
95) Naphthalene	13.774	128	53232	8.974	ug/l	99

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

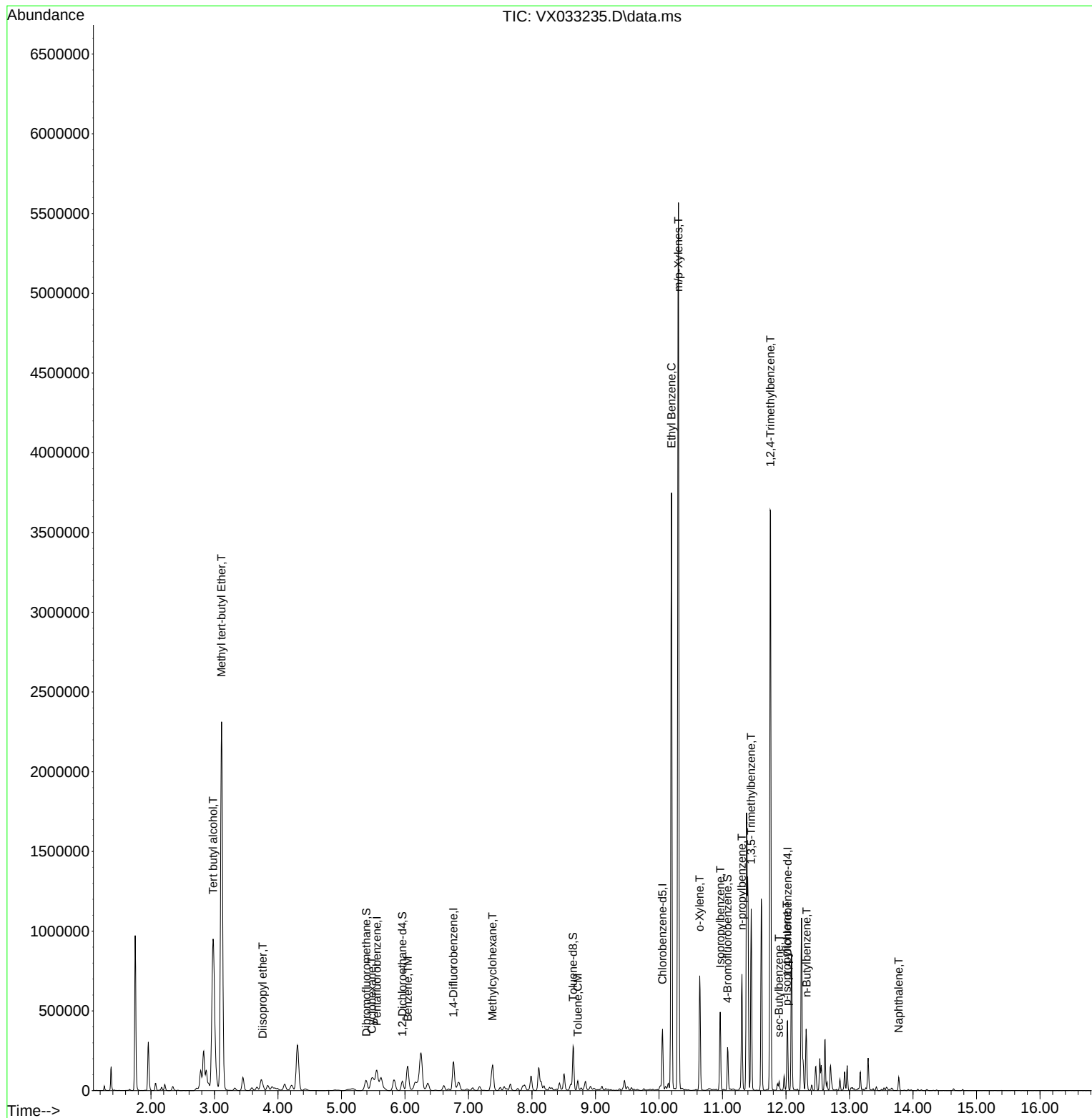
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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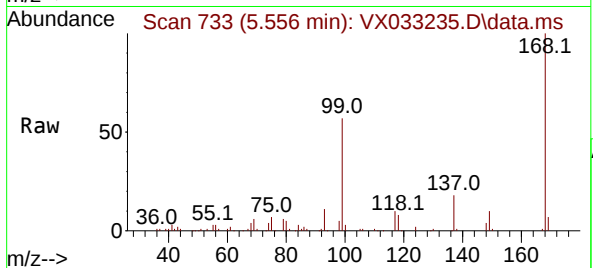
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

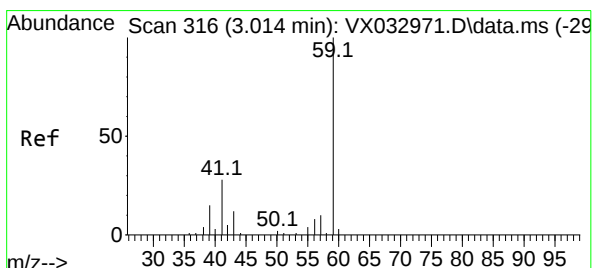
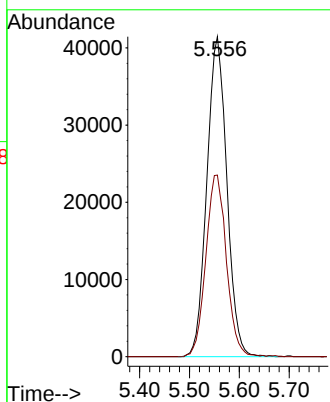
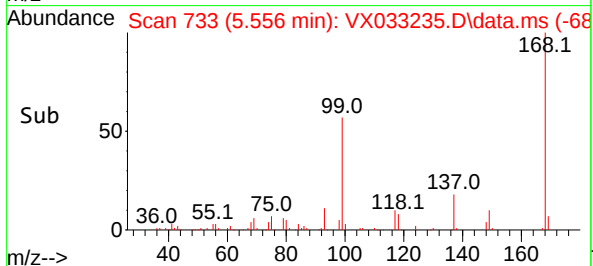
Instrument :
MSVOA_X
ClientSampleId :
MW-36



Tgt Ion:168 Resp: 11538
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1

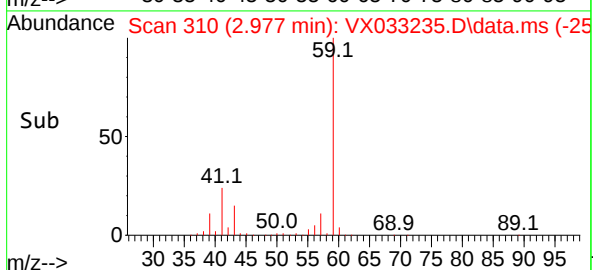
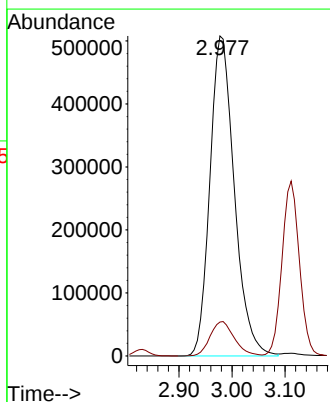
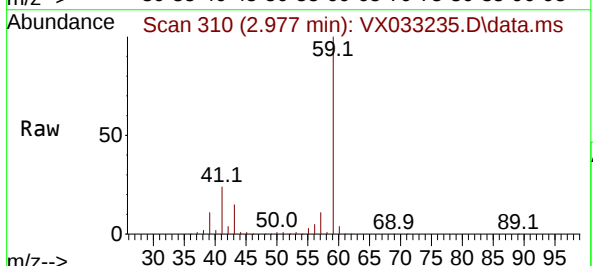
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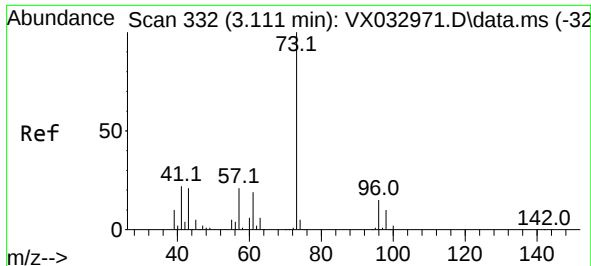
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#11
Tert butyl alcohol
Concen: 9125.689 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

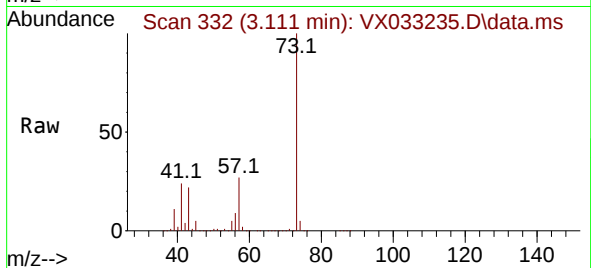
Tgt Ion: 59 Resp: 1625470
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4





#19
Methyl tert-butyl Ether
Concen: 682.487 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

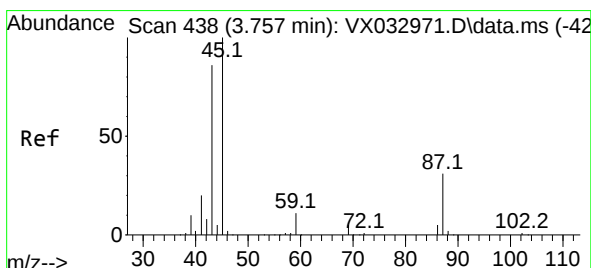
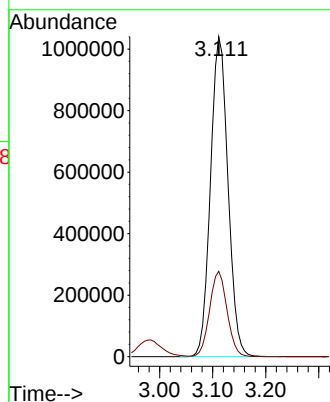
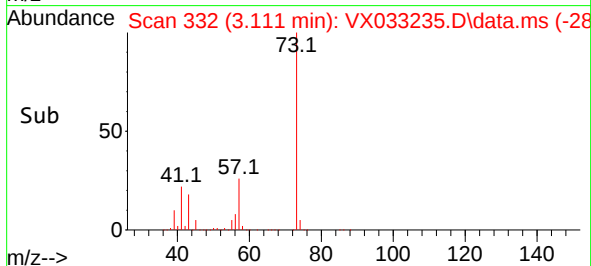
Instrument :
MSVOA_X
ClientSampleId :
MW-36



Tgt Ion: 73 Resp: 238325
Ion Ratio Lower Upper
73 100
57 26.7 16.6 25.0

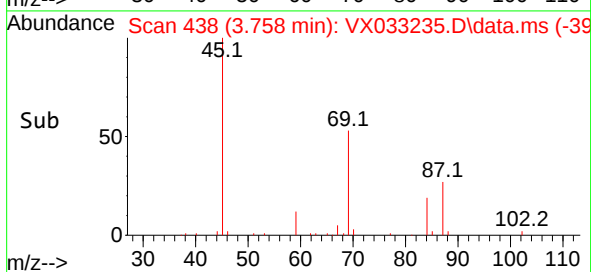
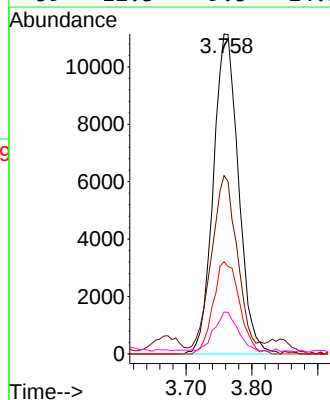
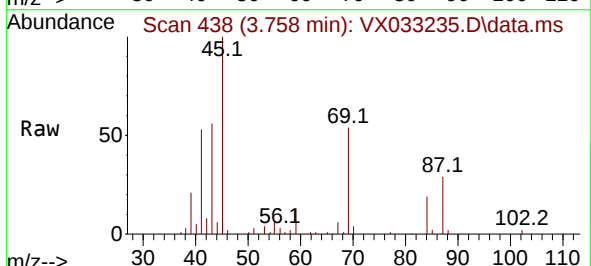
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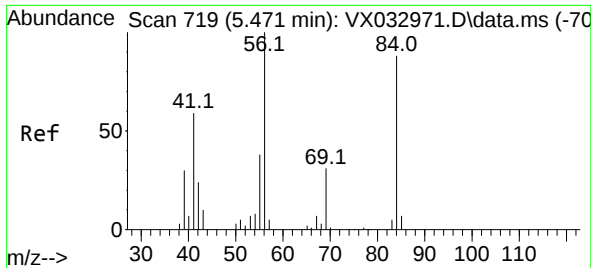
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#22
Diisopropyl ether
Concen: 8.396 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Tgt Ion: 45 Resp: 29719
Ion Ratio Lower Upper
45 100
43 52.5 56.4 84.6
87 28.8 24.4 36.6
59 12.3 9.5 14.3





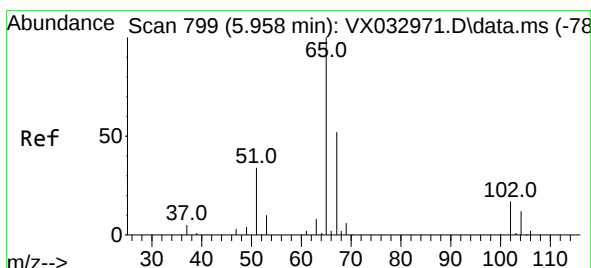
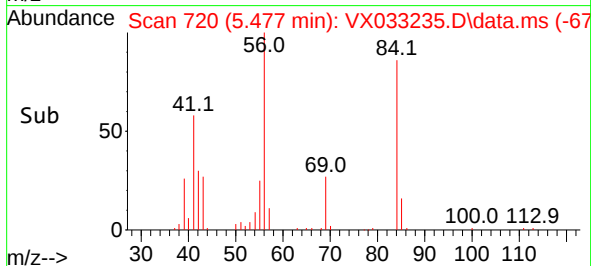
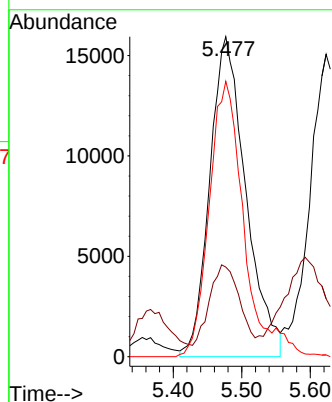
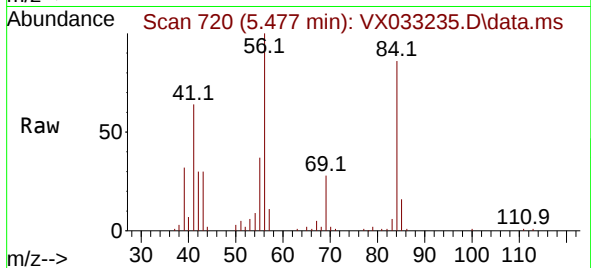
#31
Cyclohexane
Concen: 31.970 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 56 Resp: 5820
Ion Ratio Lower Upper
56 100
69 23.4 24.1 36.1
84 86.9 66.9 100.3

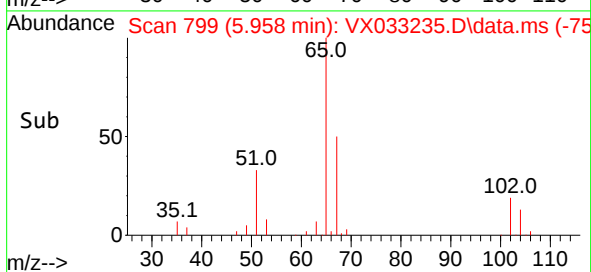
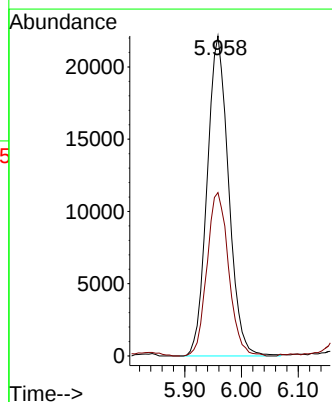
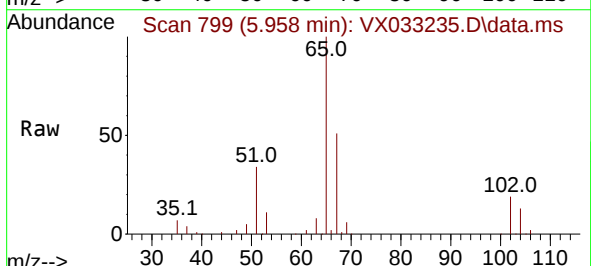
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#33
1,2-Dichloroethane-d4
Concen: 51.695 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Tgt Ion: 65 Resp: 58164
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8





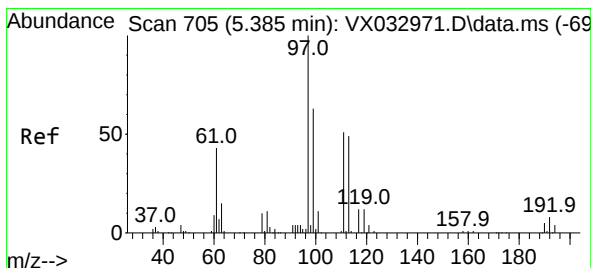
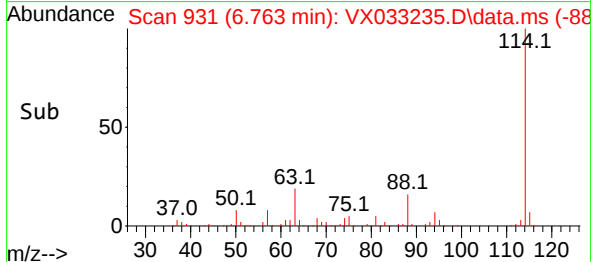
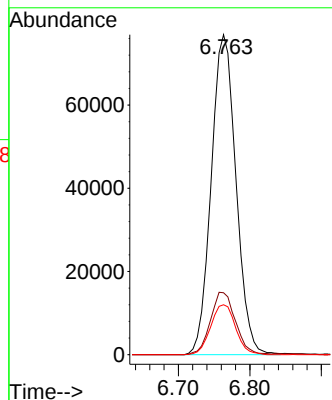
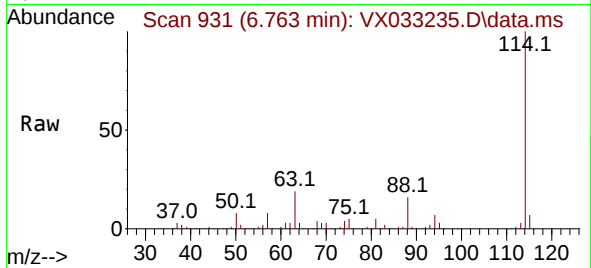
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion:114 Resp: 18482
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.6 0.0 33.4

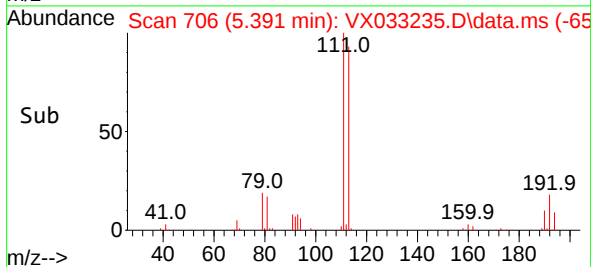
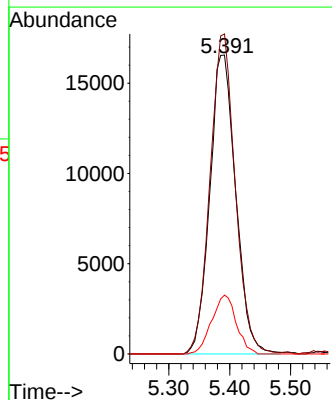
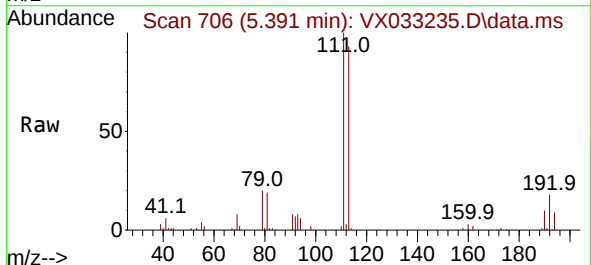
Manual Integrations
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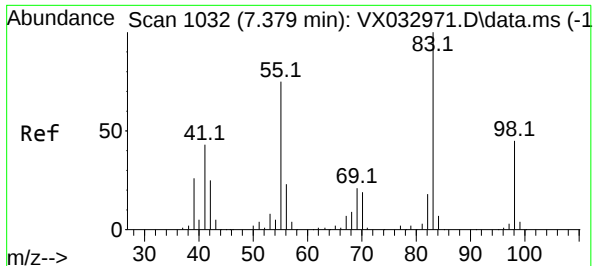
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#35
Dibromofluoromethane
Concen: 47.029 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Tgt Ion:113 Resp: 49002
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.7 15.4 23.2





#39

Methylcyclohexane

Concen: 35.598 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033235.D

Acq: 05 Dec 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

MW-36

Tgt Ion: 83 Resp: 67669

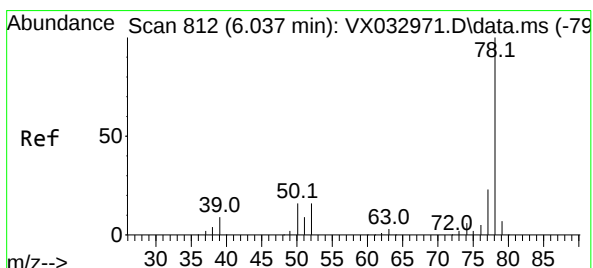
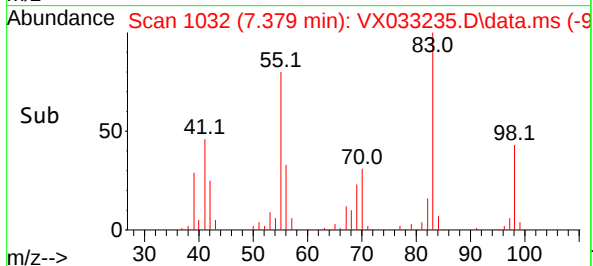
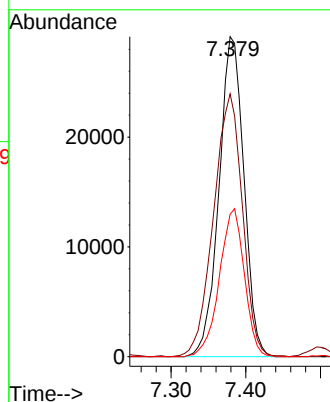
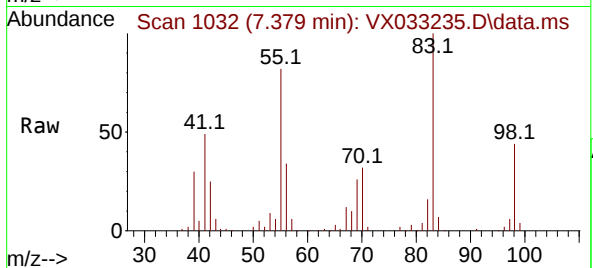
Ion	Ratio	Lower	Upper
83	100		
55	81.8	58.4	87.6
98	44.5	37.2	55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2022



#40

Benzene

Concen: 40.214 ug/l

RT: 6.044 min Scan# 813

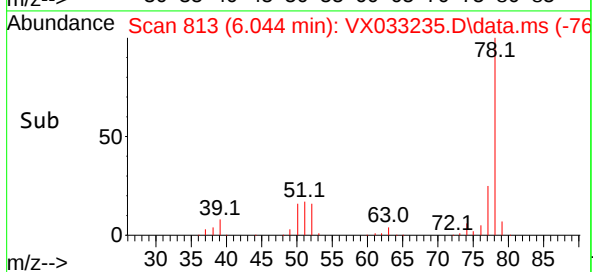
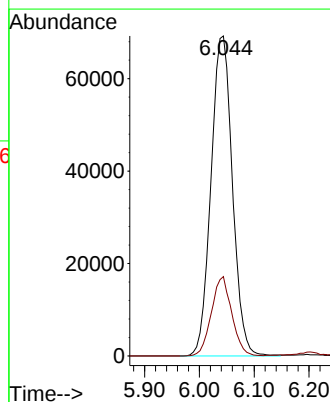
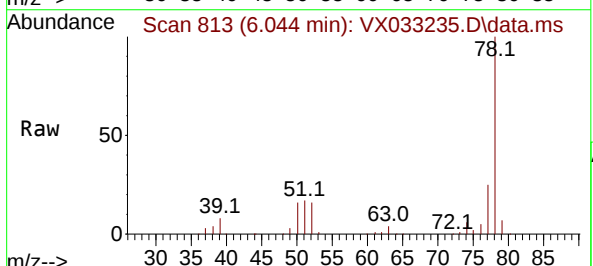
Delta R.T. 0.007 min

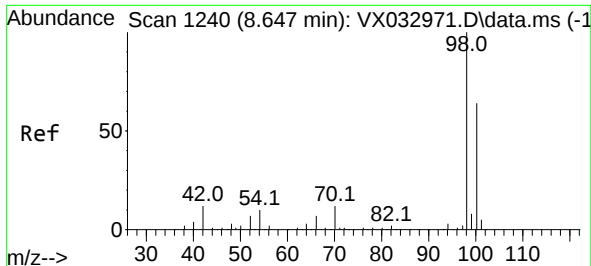
Lab File: VX033235.D

Acq: 05 Dec 2022 18:55

Tgt Ion: 78 Resp: 187850

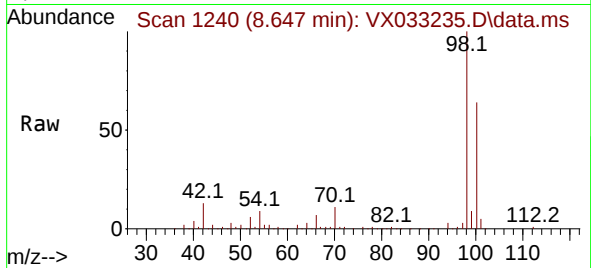
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4





#50
Toluene-d8
Concen: 52.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

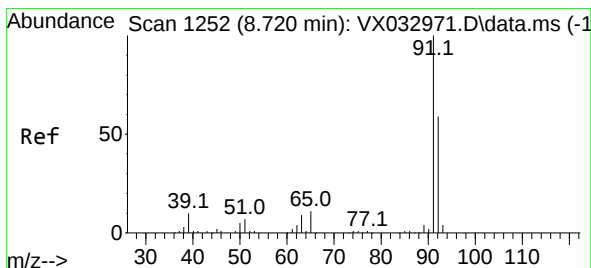
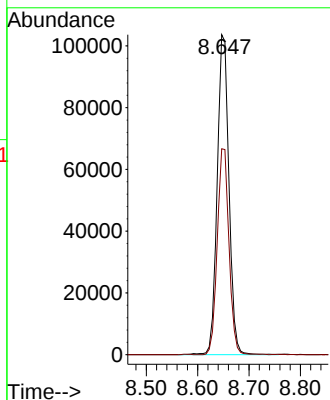
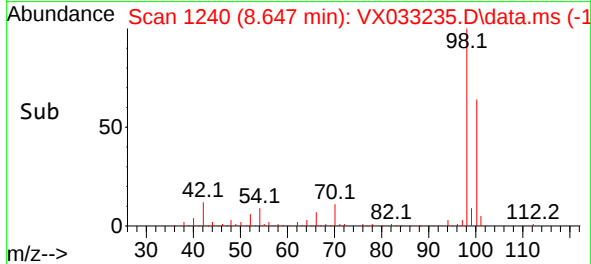
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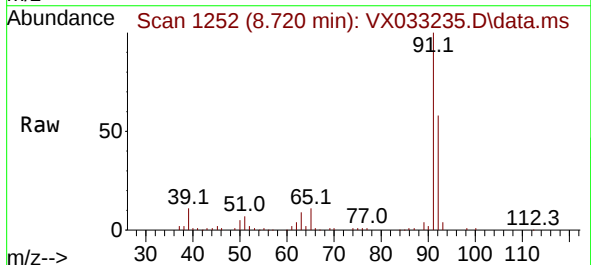
Tgt Ion: 98 Resp: 163730
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

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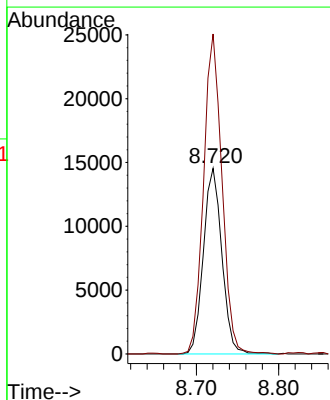
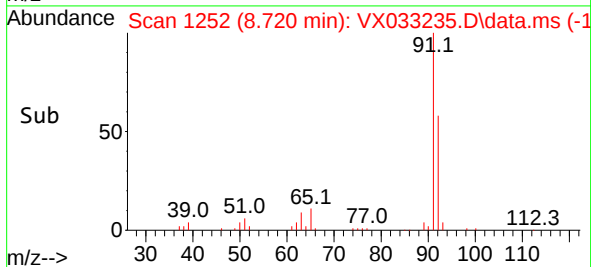
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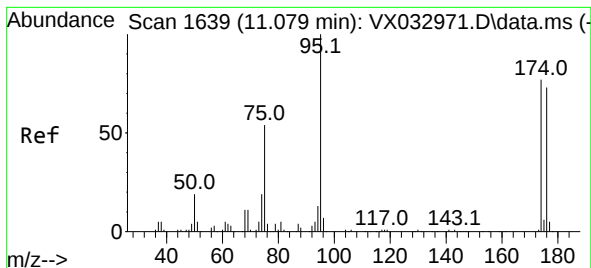


#52
Toluene
Concen: 7.380 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55



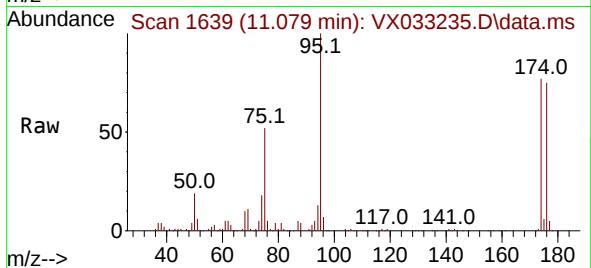
Tgt Ion: 92 Resp: 22680
Ion Ratio Lower Upper
92 100
91 171.7 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 50.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

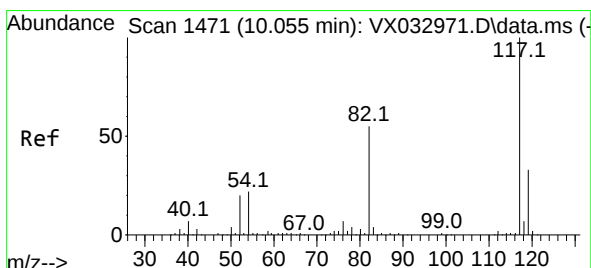
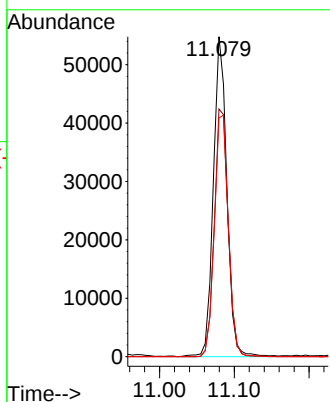
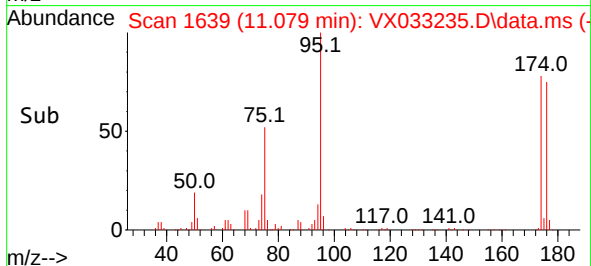
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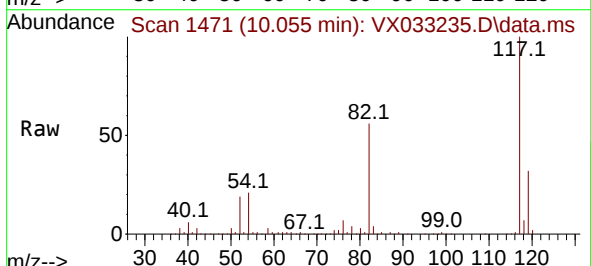
Tgt Ion: 95 Resp: 68680
Ion Ratio Lower Upper
95 100
174 79.5 0.0 164.0
176 78.4 0.0 154.4

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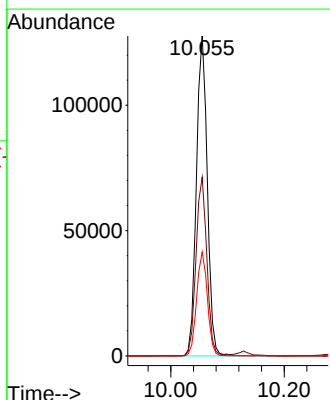
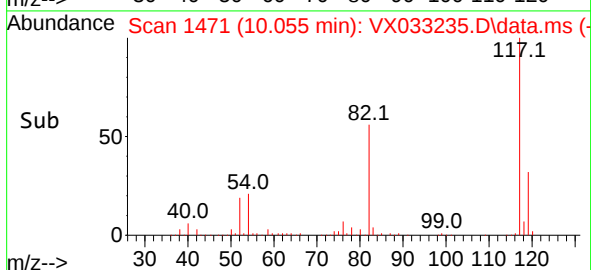
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

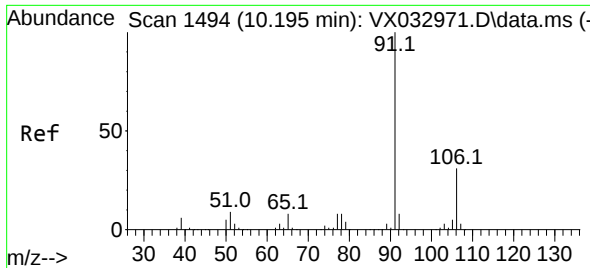


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55



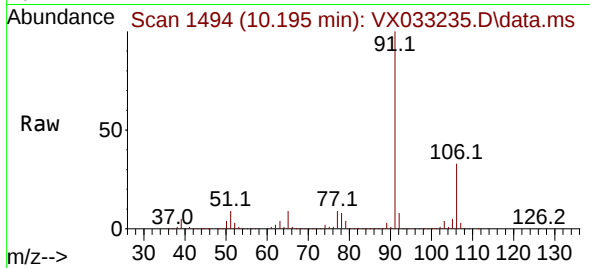
Tgt Ion:117 Resp: 170060
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.5 25.7 38.5





#67
Ethyl Benzene
Concen: 336.549 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

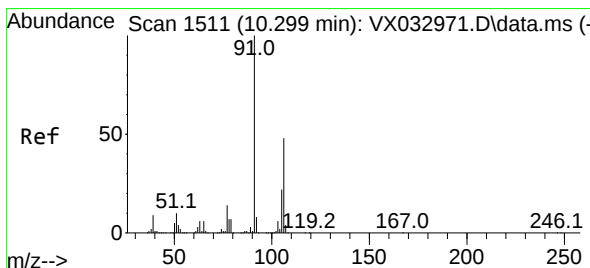
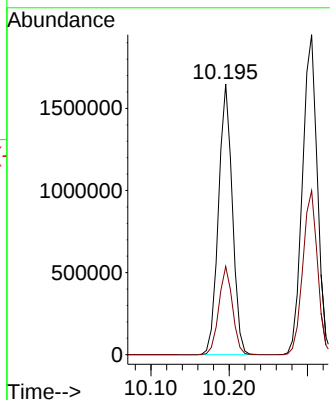
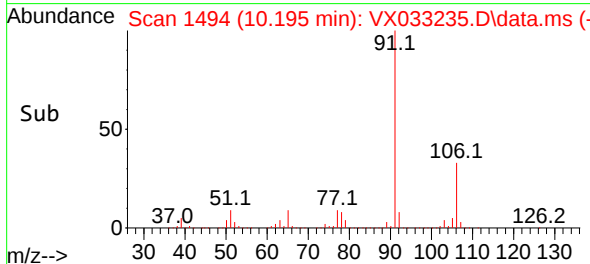
Instrument :
MSVOA_X
ClientSampleId :
MW-36



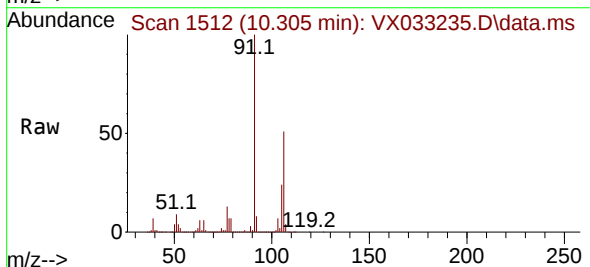
Tgt Ion: 91 Resp: 202414
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6

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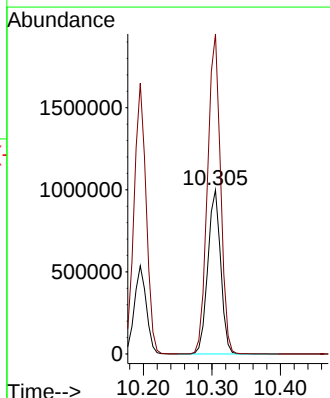
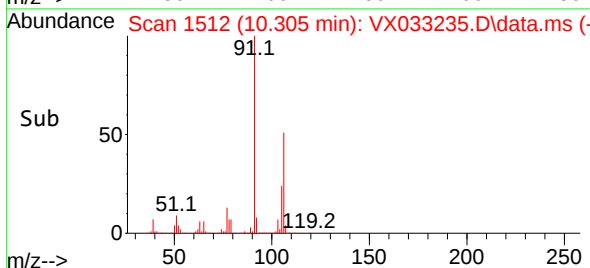
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

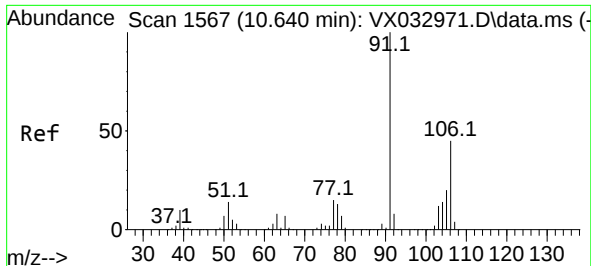


#68
m/p-Xylenes
Concen: 552.040 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55



Tgt Ion:106 Resp: 1300151
Ion Ratio Lower Upper
106 100
91 197.9 164.5 246.7





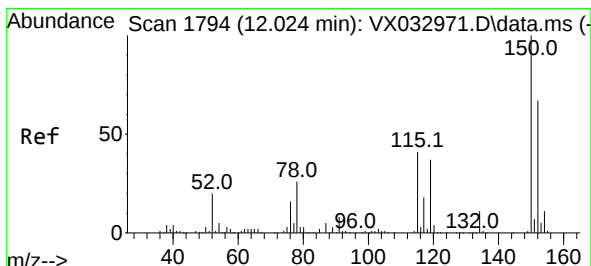
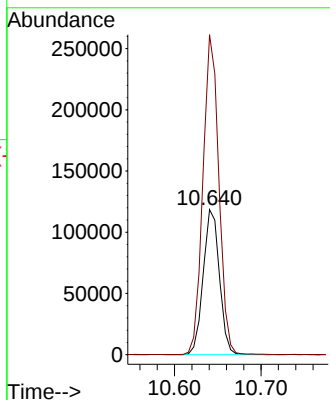
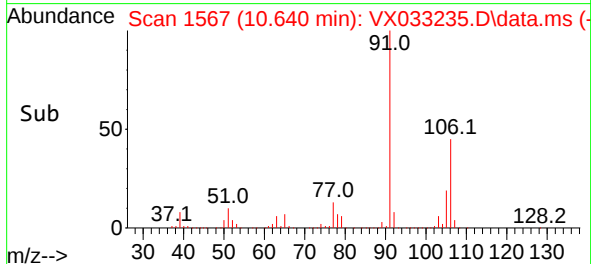
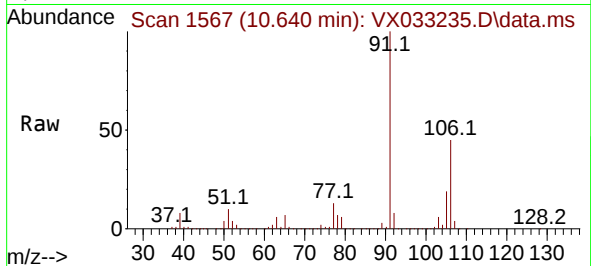
#69
o-Xylene
Concen: 67.582 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion:106 Resp: 15400
Ion Ratio Lower Upper
106 100
91 216.1 109.2 327.6

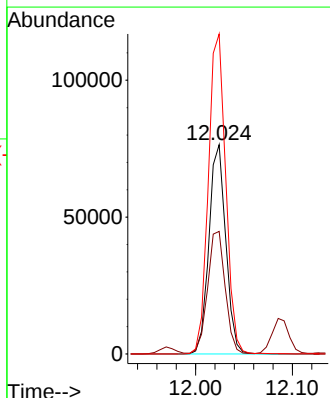
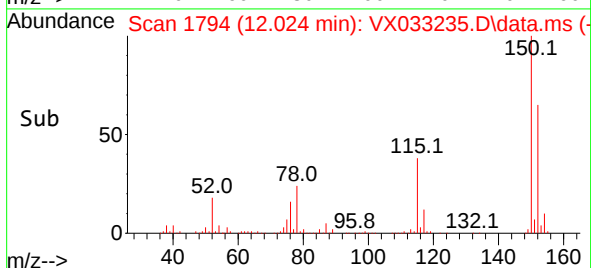
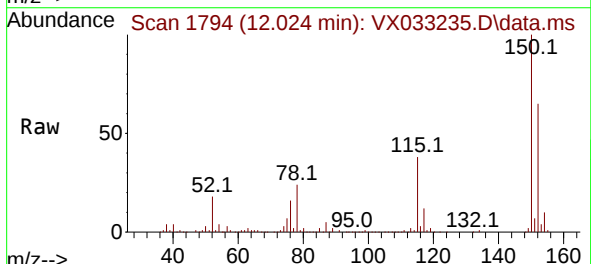
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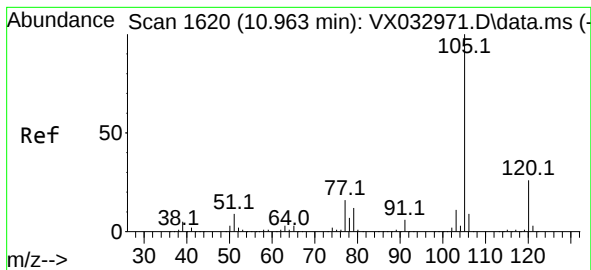
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Tgt Ion:152 Resp: 92762
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 157.5 0.0 351.8





#73

Isopropylbenzene

Concen: 37.798 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX033235.D

Acq: 05 Dec 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

MW-36

Tgt Ion:105 Resp: 250548

Ion Ratio Lower Upper

105 100

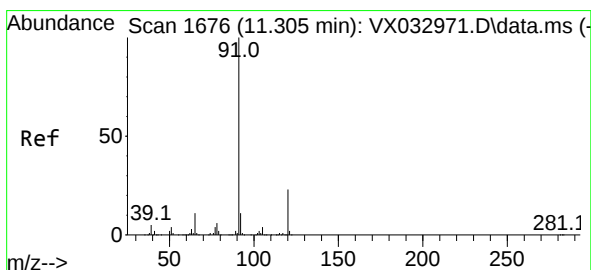
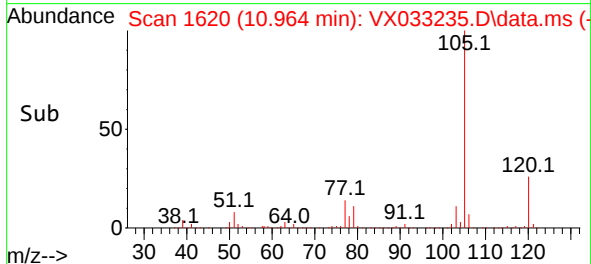
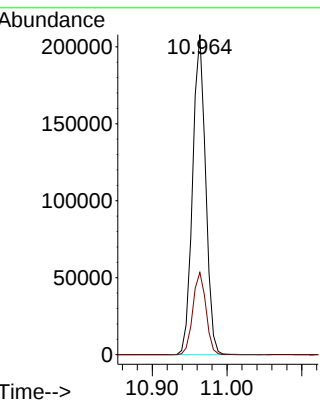
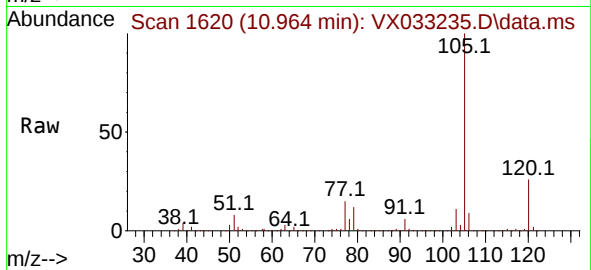
120 25.9 13.1 39.3

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#78

n-propylbenzene

Concen: 57.557 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033235.D

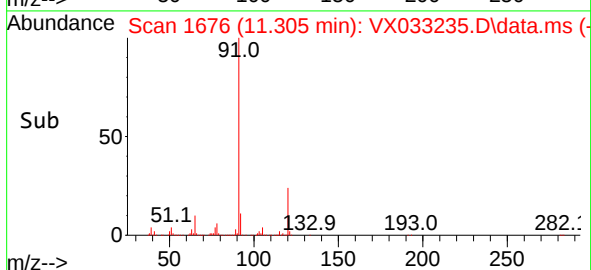
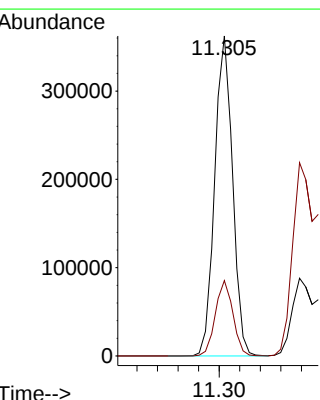
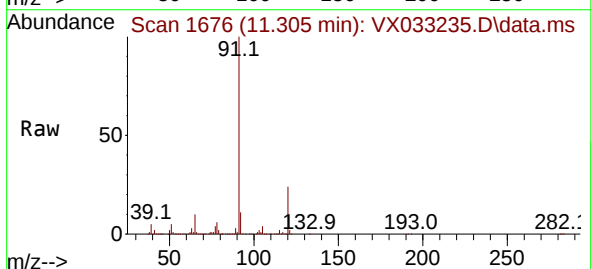
Acq: 05 Dec 2022 18:55

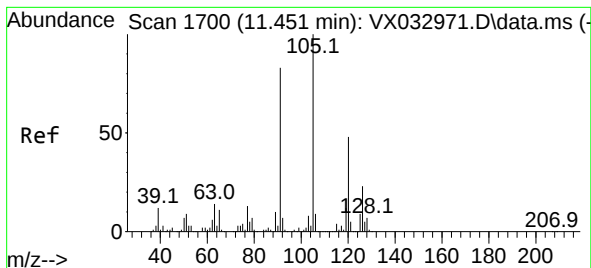
Tgt Ion: 91 Resp: 436213

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 86.391 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033235.D

Acq: 05 Dec 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

MW-36

Tgt Ion:105 Resp: 481075

Ion Ratio Lower Upper

105 100

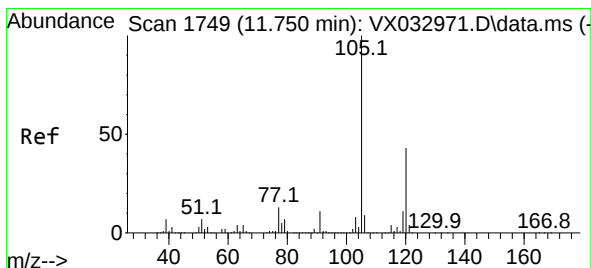
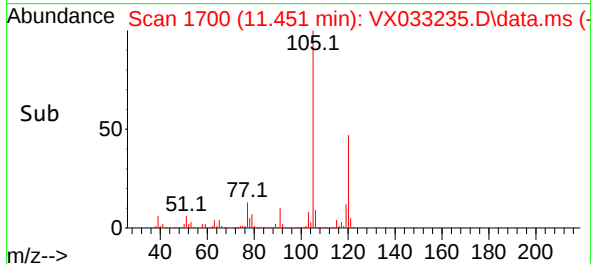
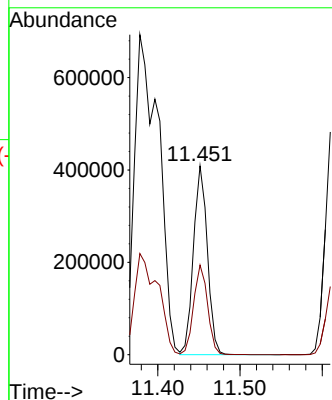
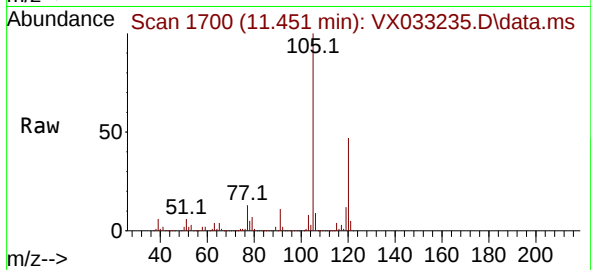
120 47.7 23.6 71.0

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#84

1,2,4-Trimethylbenzene

Concen: 297.794 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033235.D

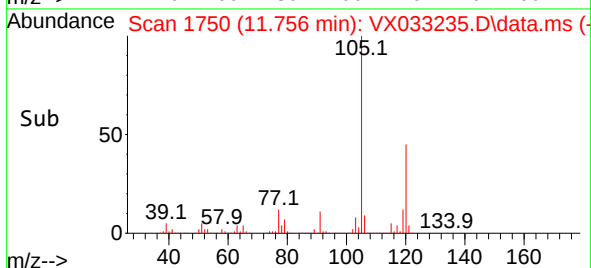
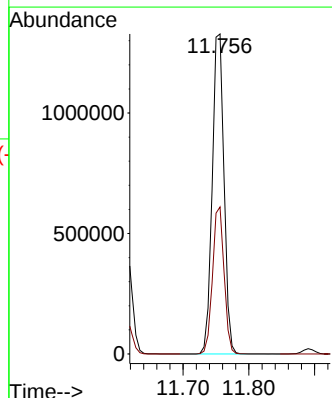
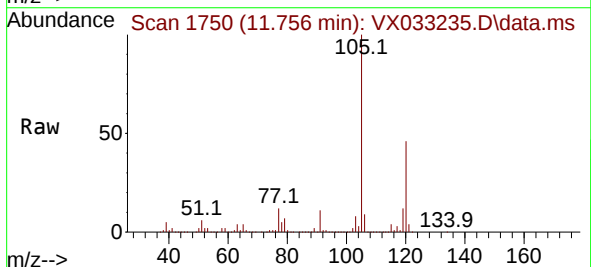
Acq: 05 Dec 2022 18:55

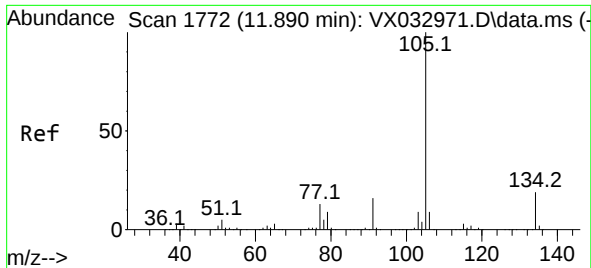
Tgt Ion:105 Resp: 1653500

Ion Ratio Lower Upper

105 100

120 45.2 21.9 65.5





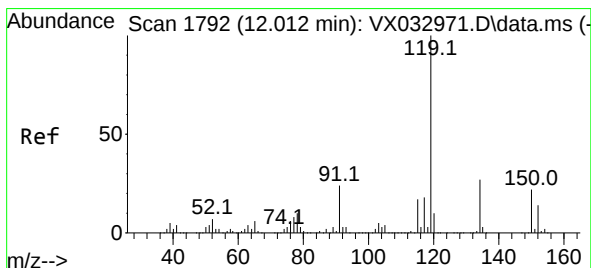
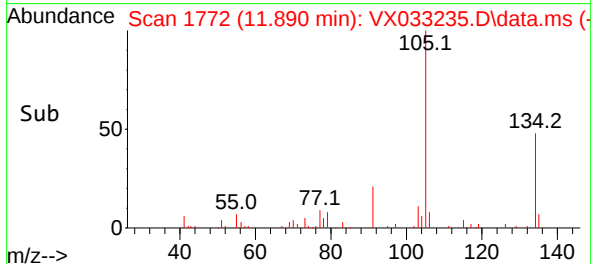
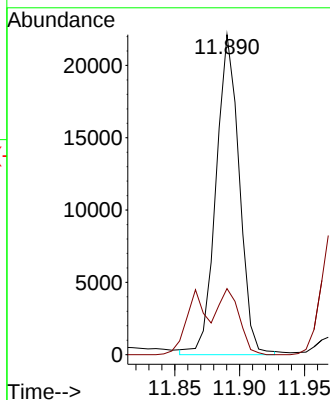
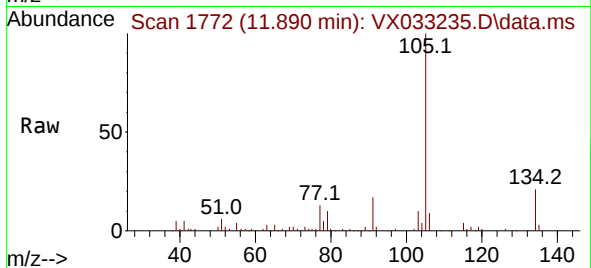
#85
 sec-Butylbenzene
 Concen: 4.157 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033235.D
 Acq: 05 Dec 2022 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Tgt Ion:105 Resp: 2756
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

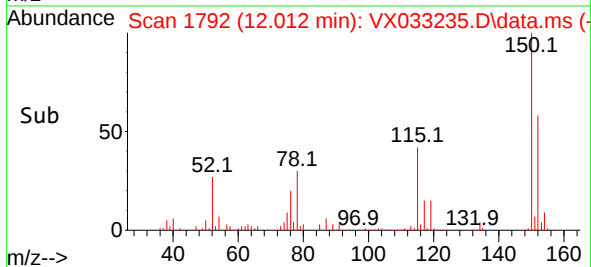
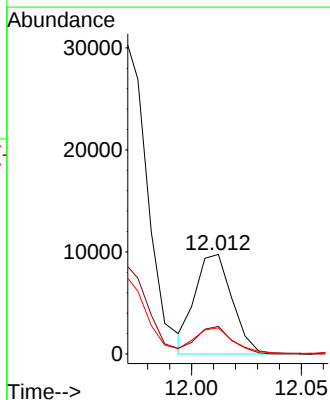
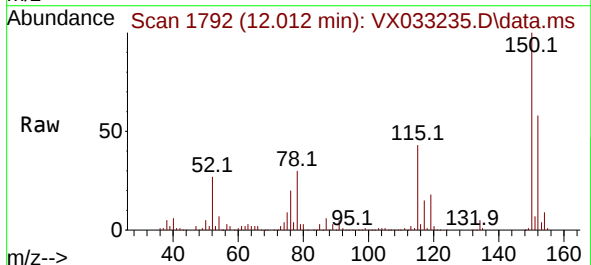
Manual Integrations
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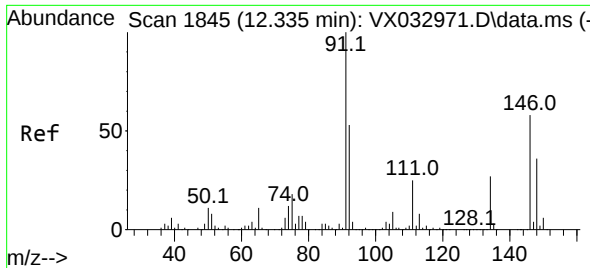
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#86
 p-Isopropyltoluene
 Concen: 2.044 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033235.D
 Acq: 05 Dec 2022 18:55

Tgt Ion:119 Resp: 11486
 Ion Ratio Lower Upper
 119 100
 134 92.5 12.9 38.7#
 91 83.1 12.5 37.5#





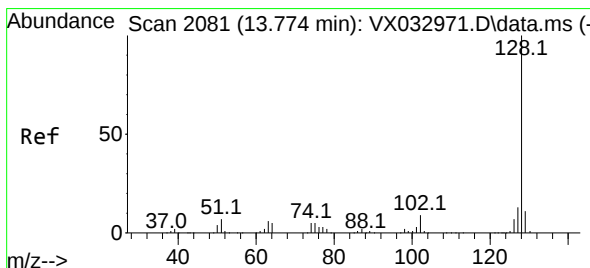
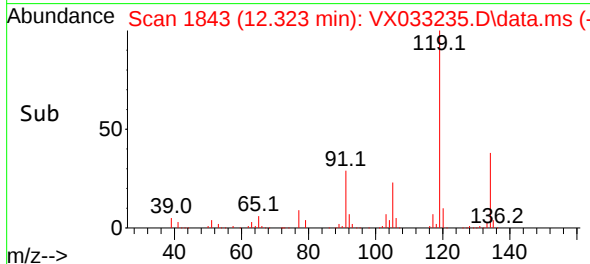
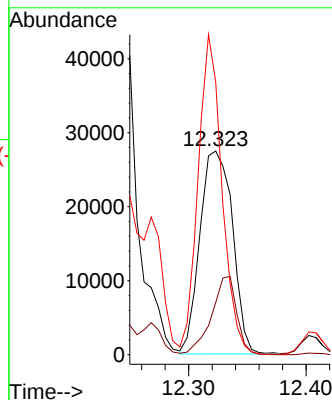
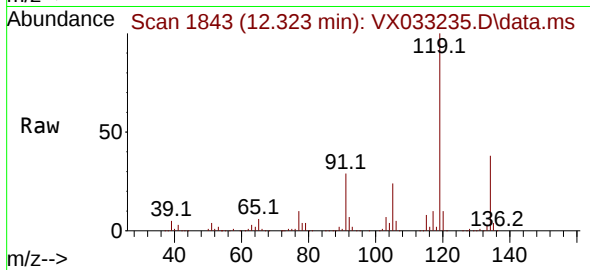
#89
n-Butylbenzene
Concen: 10.939 ug/l
RT: 12.323 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 91 Resp: 52940
Ion Ratio Lower Upper
91 100
92 29.9 26.2 78.6
134 115.0 12.9 38.6

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 8.974 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033235.D
Acq: 05 Dec 2022 18:55

Tgt Ion:128 Resp: 53232
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.3 8.9 13.3

