

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029706.D
 Acq On : 22 Jun 2022 17:57
 Operator : JC/MD
 Sample : N3202-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 01:10:09 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134994	39.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.300%		
35) Dibromofluoromethane	5.391	113	126011	45.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.200%		
50) Toluene-d8	8.653	98	476972	46.726	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.460%		
62) 4-Bromofluorobenzene	11.079	95	177228	46.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.080%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	63828	79.730	ug/l	98
16) Acetone	2.380	43	9124	6.724	ug/l	99
17) Carbon Disulfide	2.520	76	8851	1.310	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9227	1.020	ug/l #	1
22) Diisopropyl ether	3.763	45	3587	0.431	ug/l #	75
25) 2-Butanone	4.568	43	9269	4.321	ug/l	94
31) Cyclohexane	5.477	56	84375	18.460	ug/l	93
39) Methylcyclohexane	7.385	83	234625	49.761	ug/l	93
40) Benzene	6.037	78	15987	1.426	ug/l	98
52) Toluene	8.720	92	6996	0.975	ug/l	98
67) Ethyl Benzene	10.195	91	422541	32.755	ug/l	99
68) m/p-Xylenes	10.305	106	87244	17.342	ug/l	99
69) o-Xylene	10.646	106	22822	4.592	ug/l	100
73) Isopropylbenzene	10.963	105	932429	76.964	ug/l	99
78) n-propylbenzene	11.305	91	1239627	90.849	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1738429	170.385	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	4166465	409.445	ug/l	95
85) sec-Butylbenzene	11.890	105	86579m	7.022	ug/l	
86) p-Isopropyltoluene	12.012	119	41348m	4.005	ug/l	

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

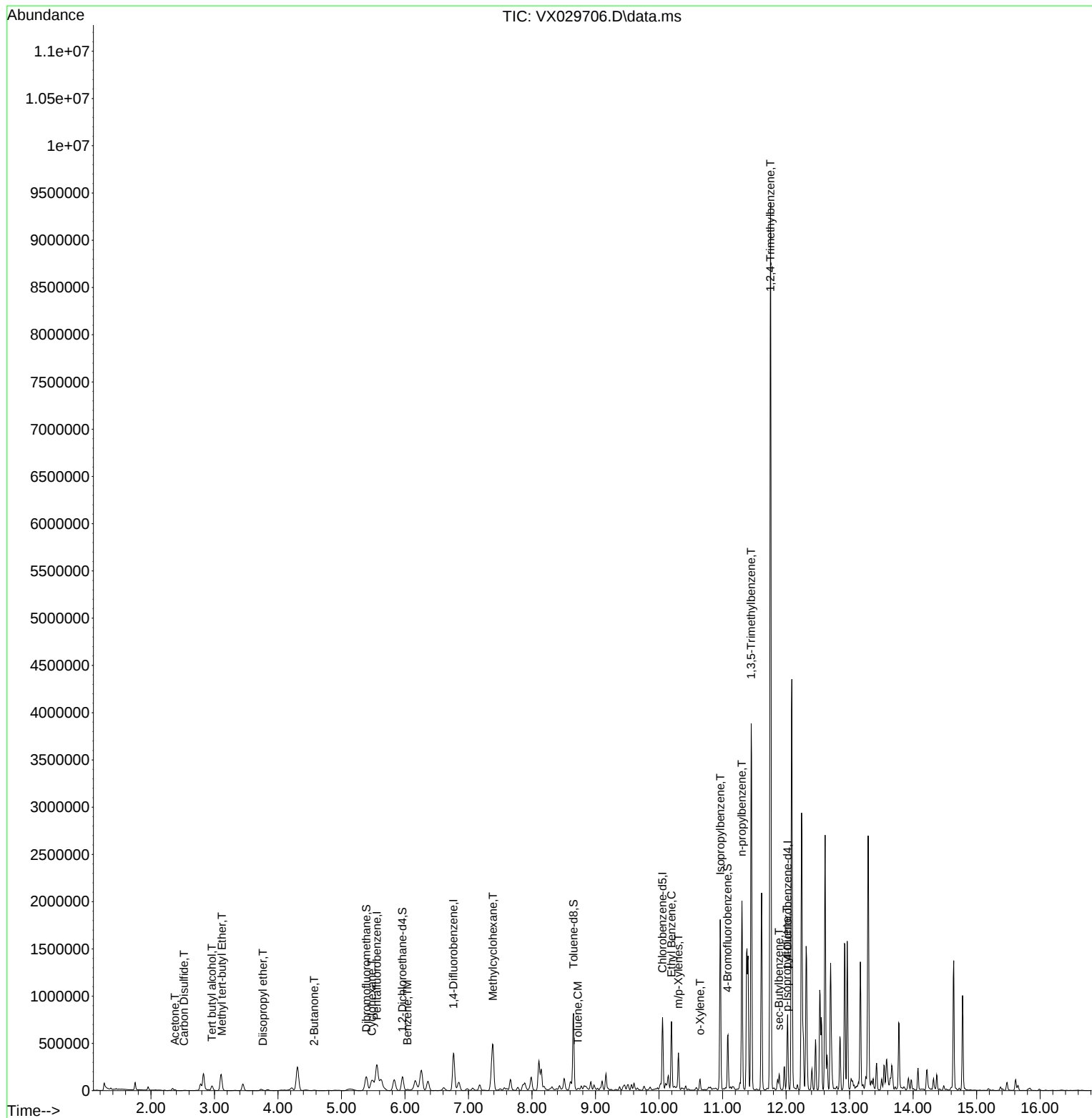
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
Data File : VX029706.D
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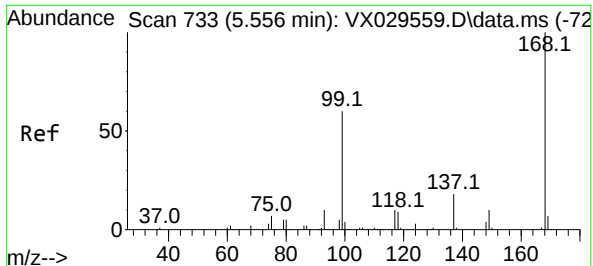
Instrument :
MSVOA_X
ClientSampleId :
MW-11

Quant Time: Jun 23 01:10:09 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

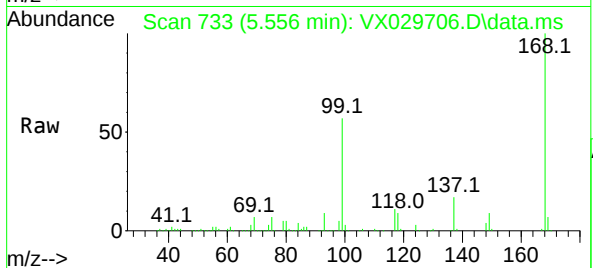
Reviewed By : John Carlone 06/23/2022
Supervised By : Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

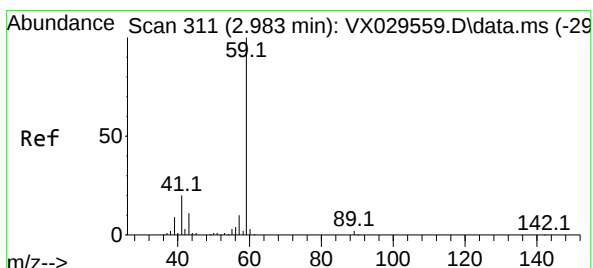
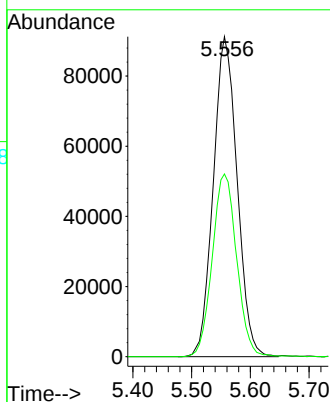
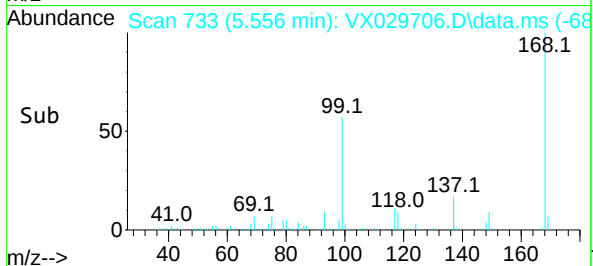
Instrument :
MSVOA_X
ClientSampleId :
MW-11



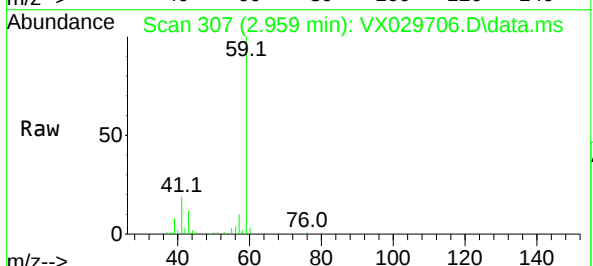
Tgt Ion:168 Resp: 257188
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5

Manual Integrations
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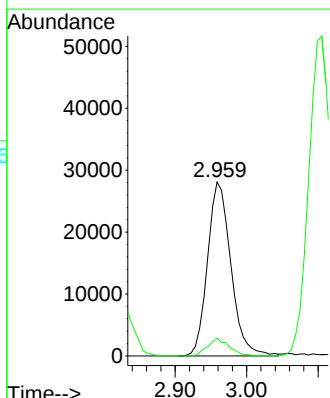
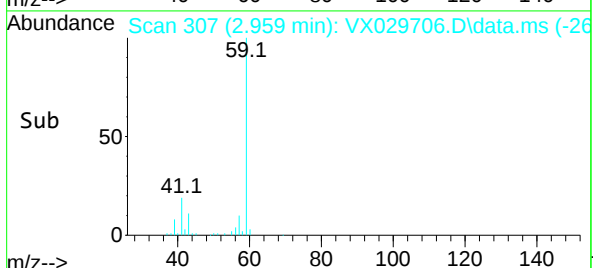
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

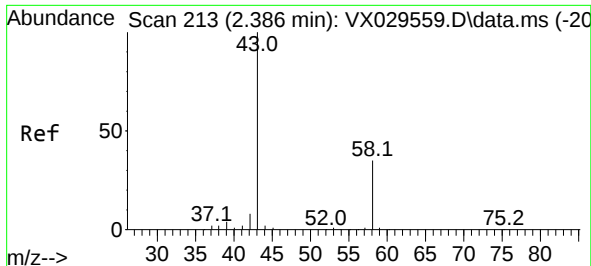


#11
Tert butyl alcohol
Concen: 79.730 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57



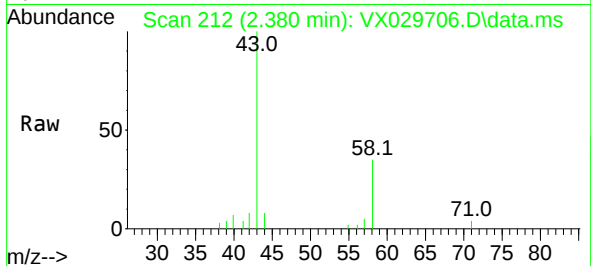
Tgt Ion: 59 Resp: 63828
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5





#16
Acetone
Concen: 6.724 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

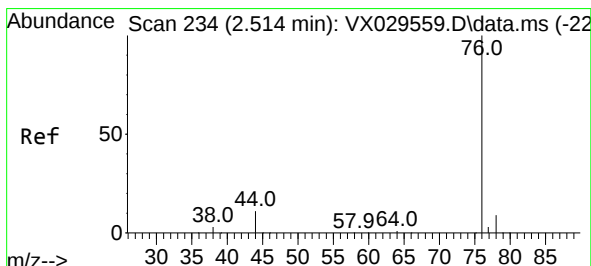
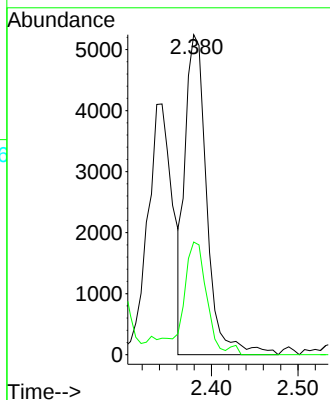
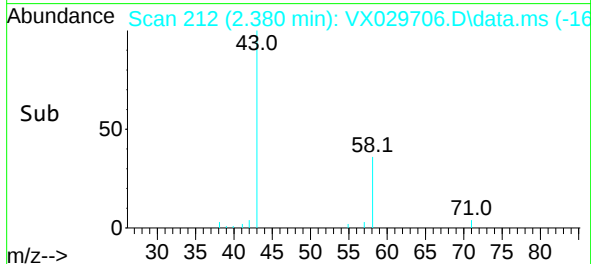
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion: 43 Resp: 9124
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2

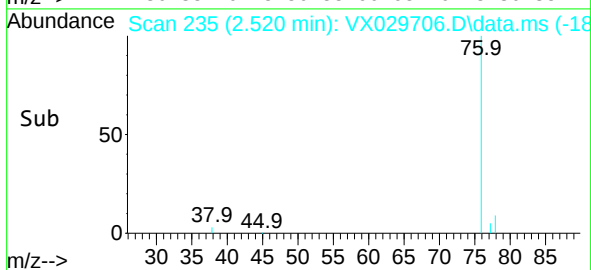
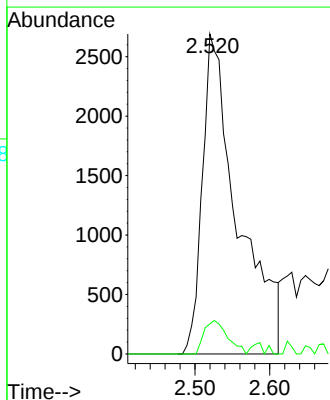
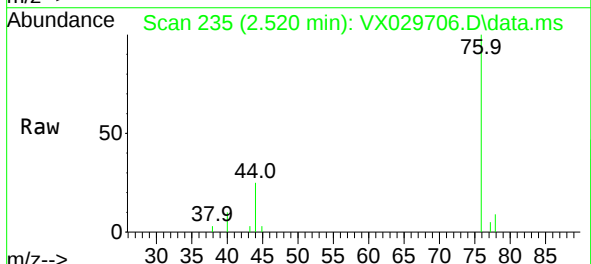
Manual Integrations
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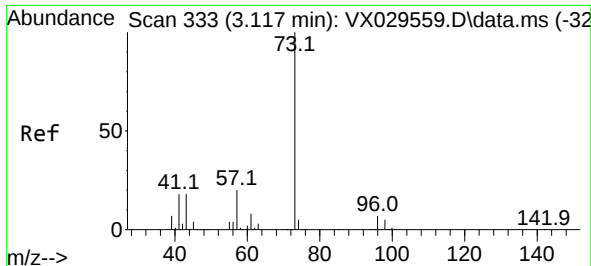
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#17
Carbon Disulfide
Concen: 1.310 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

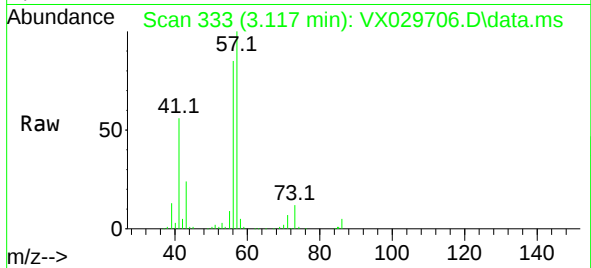
Tgt Ion: 76 Resp: 8851
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 1.020 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

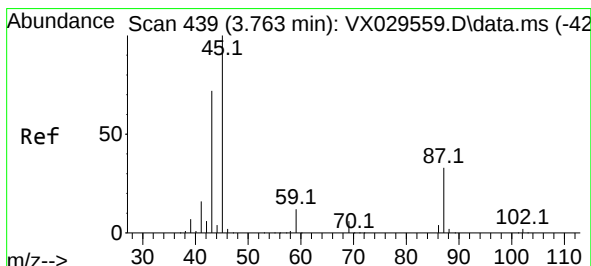
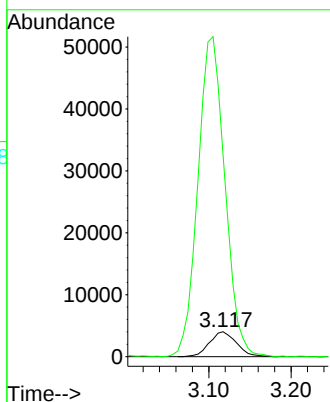
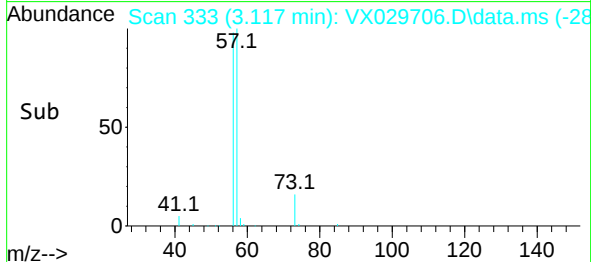
Instrument :
MSVOA_X
Client Sample Id :
MW-11



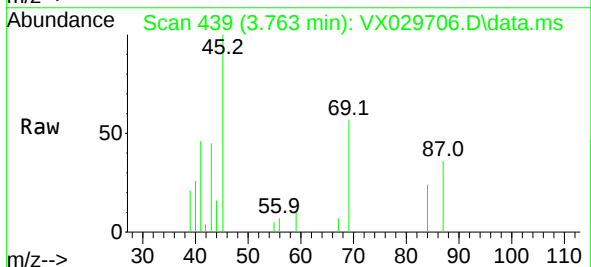
Tgt Ion: 73 Resp: 922
Ion Ratio Lower Upper
73 100
57 810.2 16.8 25.2

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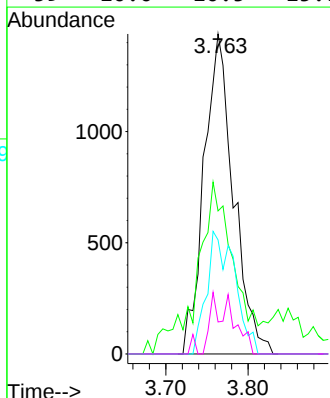
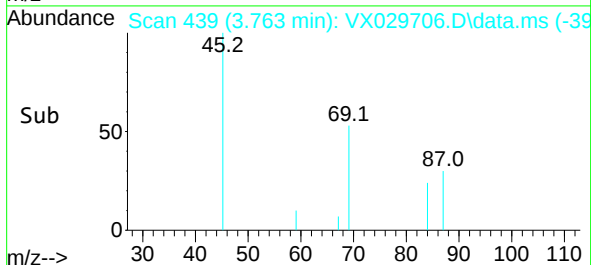
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

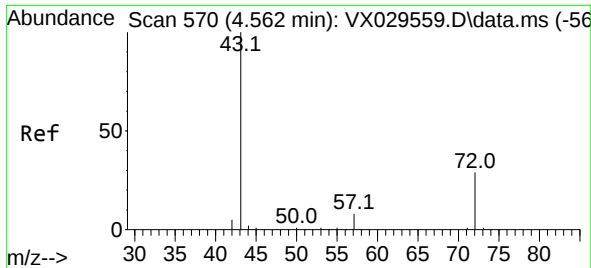


#22
Diisopropyl ether
Concen: 0.431 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57



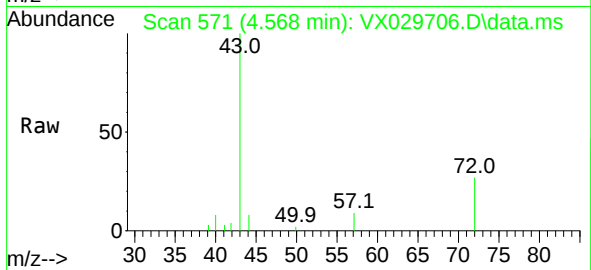
Tgt Ion: 45 Resp: 3587
Ion Ratio Lower Upper
45 100
43 32.4 50.8 76.2#
87 35.6 26.6 39.8
59 10.0 10.5 15.7#





#25
2-Butanone
Concen: 4.321 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

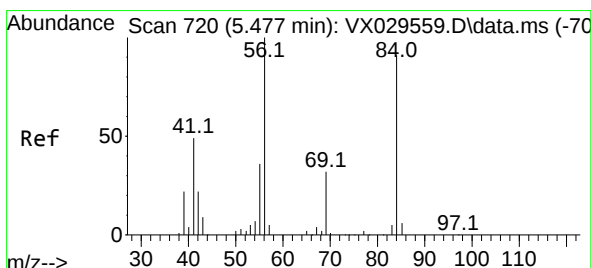
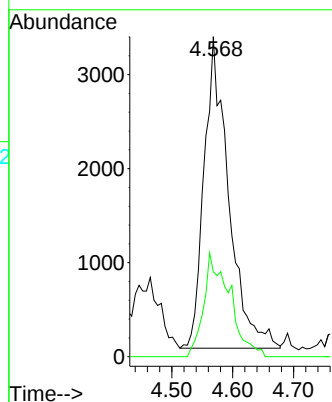
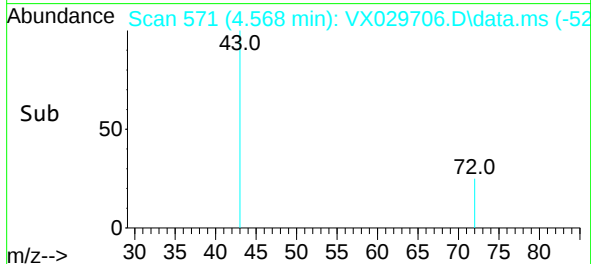
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion: 43 Resp: 9269
Ion Ratio Lower Upper
43 100
72 27.2 24.4 36.6

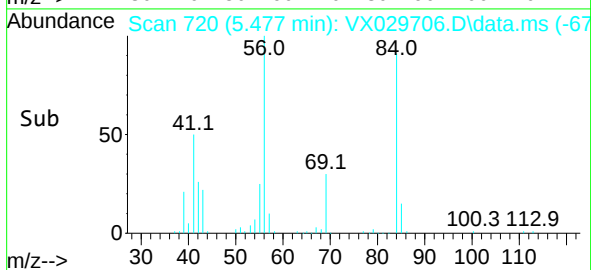
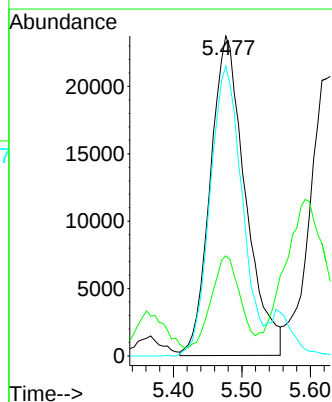
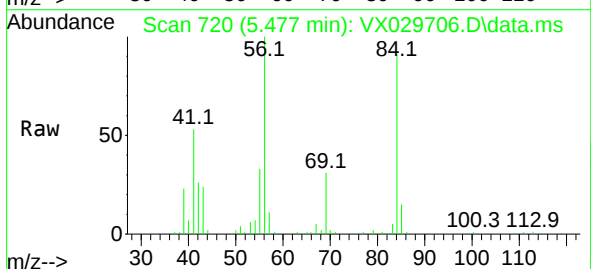
Manual Integrations
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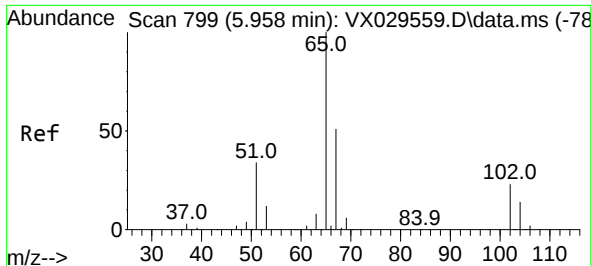
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#31
Cyclohexane
Concen: 18.460 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

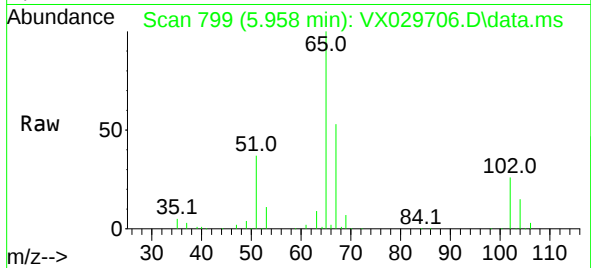
Tgt Ion: 56 Resp: 84375
Ion Ratio Lower Upper
56 100
69 28.0 26.7 40.1
84 91.0 77.2 115.8





#33
 1,2-Dichloroethane-d4
 Concen: 39.652 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029706.D
 Acq: 22 Jun 2022 17:57

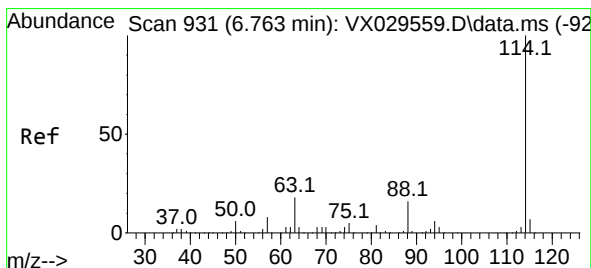
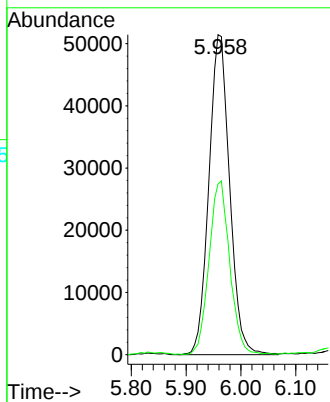
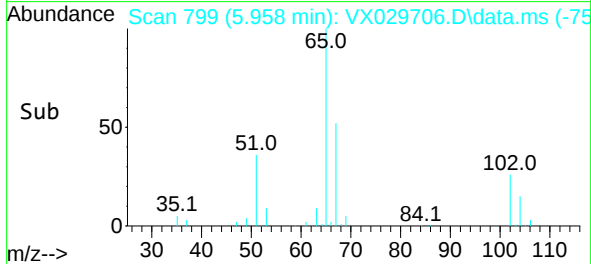
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11



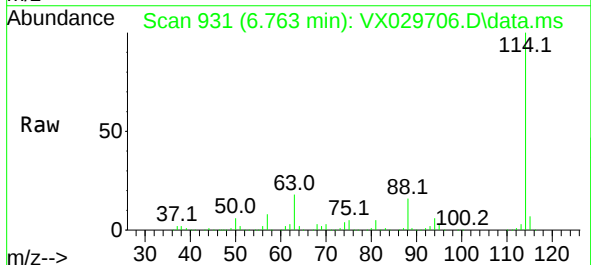
Tgt Ion: 65 Resp: 134994
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4

Manual Integrations
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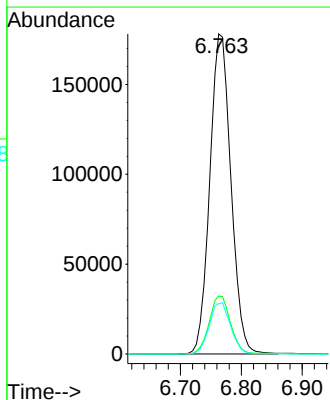
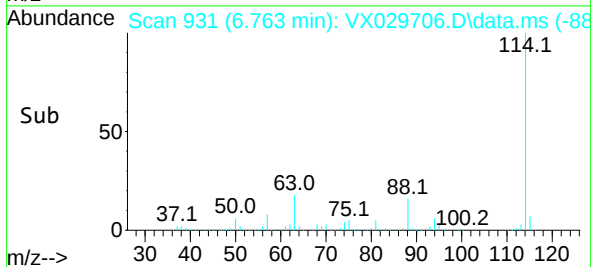
Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

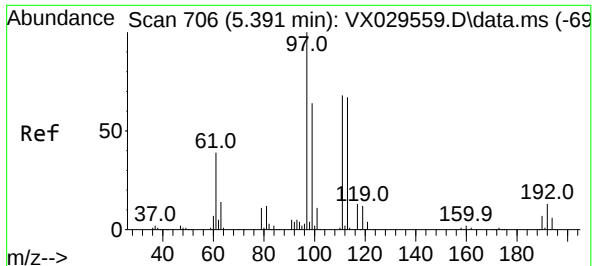


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029706.D
 Acq: 22 Jun 2022 17:57



Tgt Ion:114 Resp: 428767
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.097 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029706.D

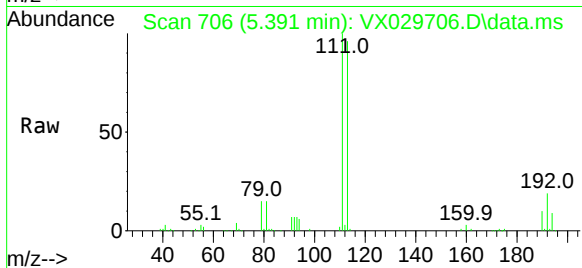
Acq: 22 Jun 2022 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-11



Tgt Ion:113 Resp: 12601

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

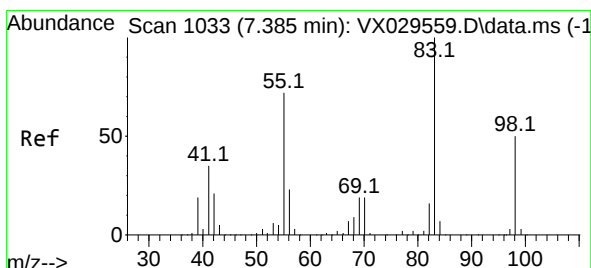
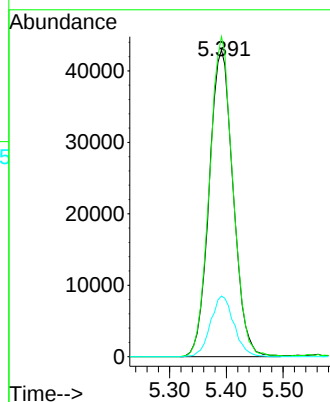
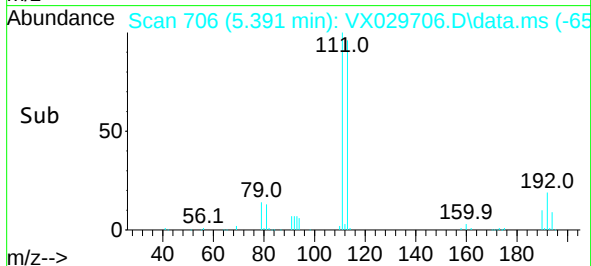
192 19.3 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#39

Methylcyclohexane

Concen: 49.761 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

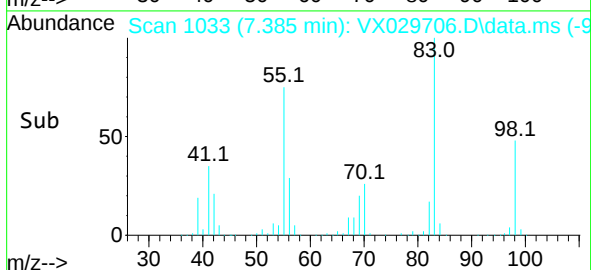
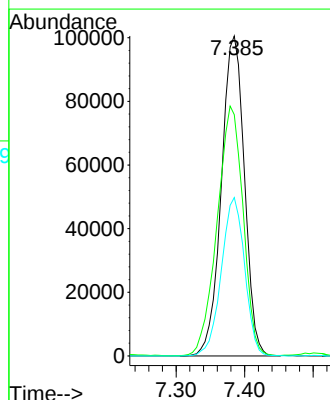
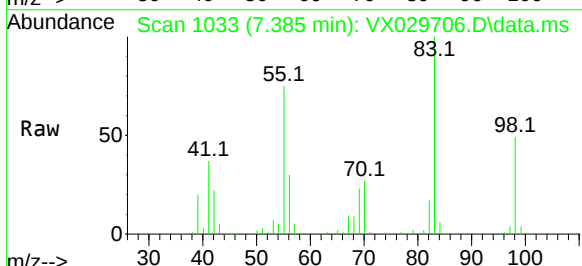
Tgt Ion: 83 Resp: 234625

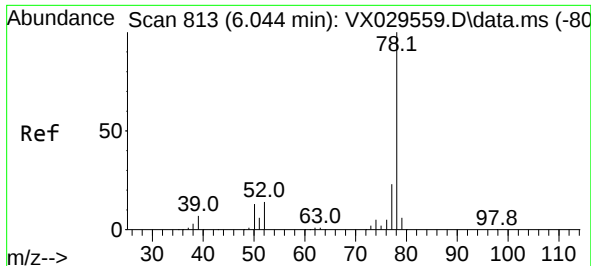
Ion Ratio Lower Upper

83 100

55 75.3 54.6 81.8

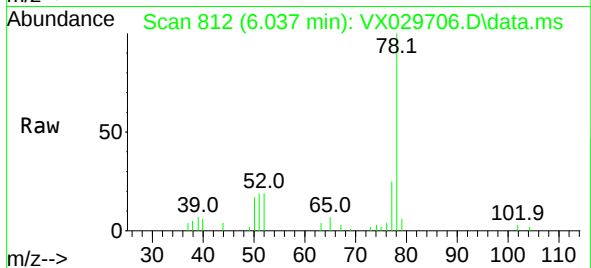
98 49.5 37.4 56.2





#40
Benzene
Concen: 1.426 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

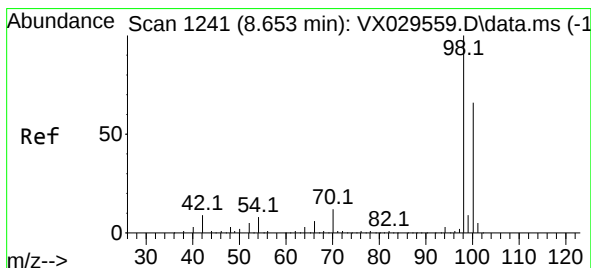
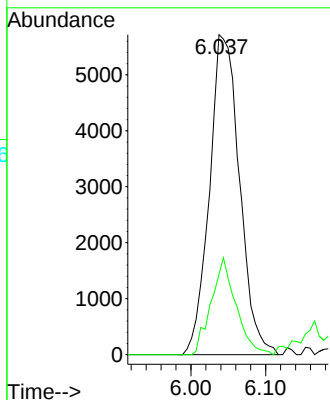
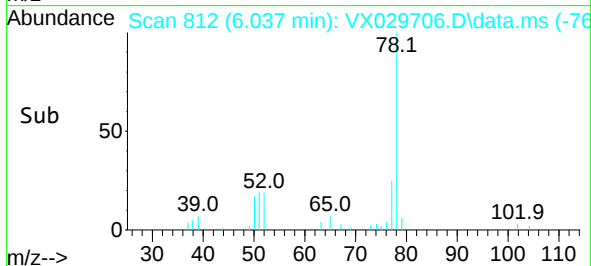
Instrument :
MSVOA_X
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MW-11



Tgt Ion: 78 Resp: 1598
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

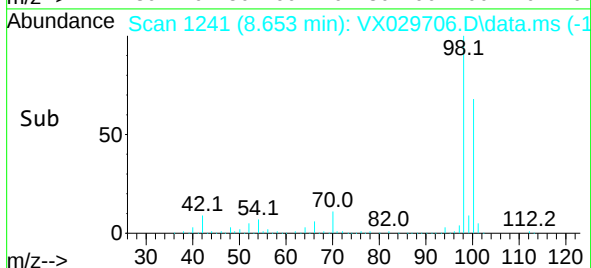
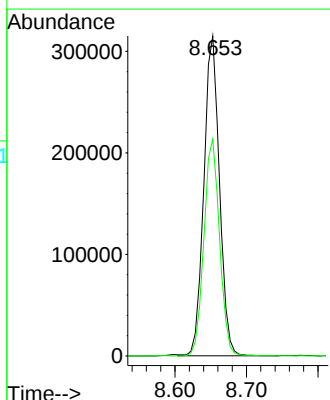
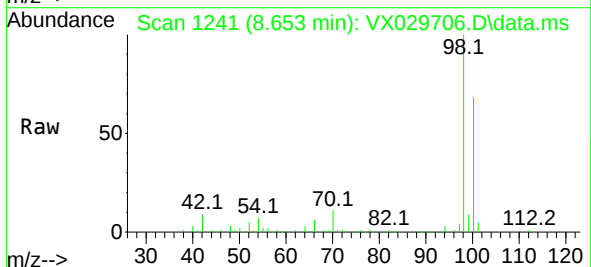
Manual Integrations
APPROVED

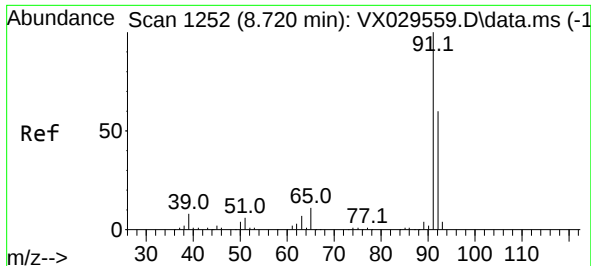
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 46.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

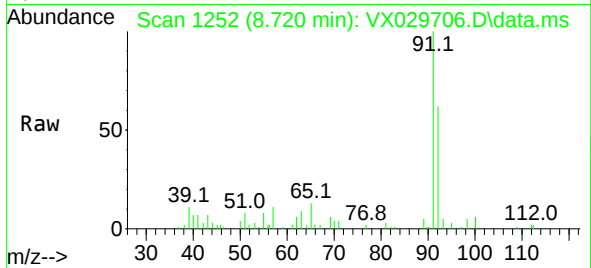
Tgt Ion: 98 Resp: 476972
Ion Ratio Lower Upper
98 100
100 68.1 52.6 78.8





#52
Toluene
Concen: 0.975 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

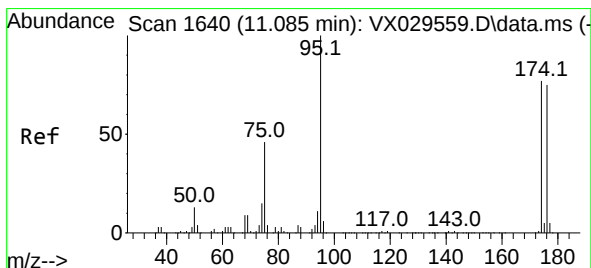
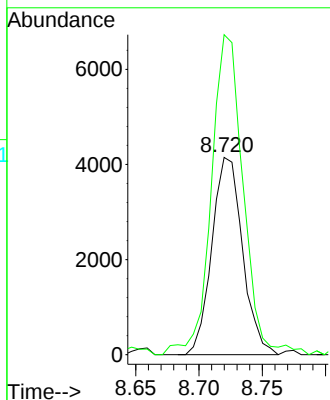
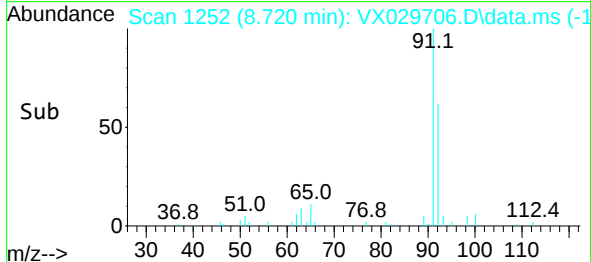
Instrument :
MSVOA_X
ClientSampleId :
MW-11



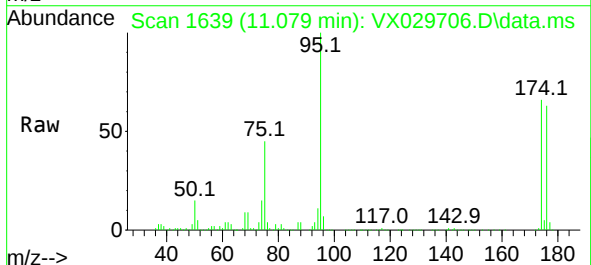
Tgt Ion: 92 Resp: 6990
Ion Ratio Lower Upper
92 100
91 168.6 137.5 206.3

Manual Integrations
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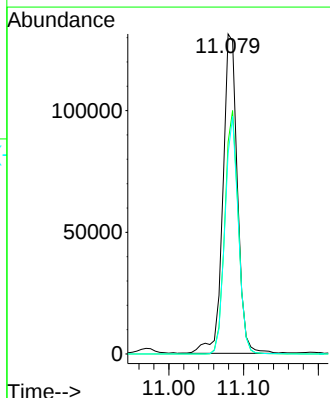
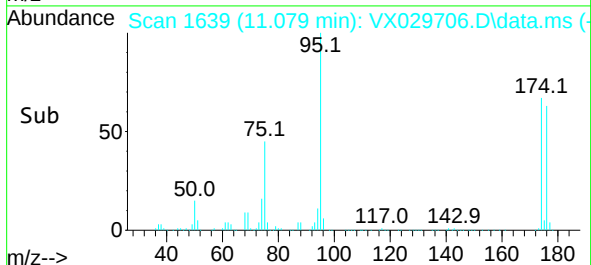
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

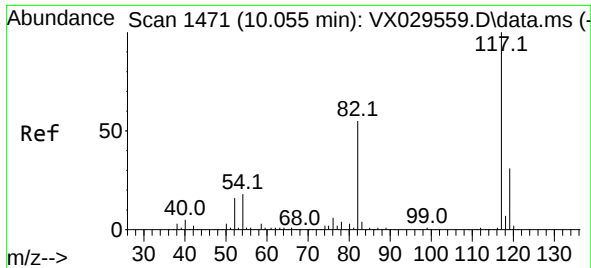


#62
4-Bromofluorobenzene
Concen: 46.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57



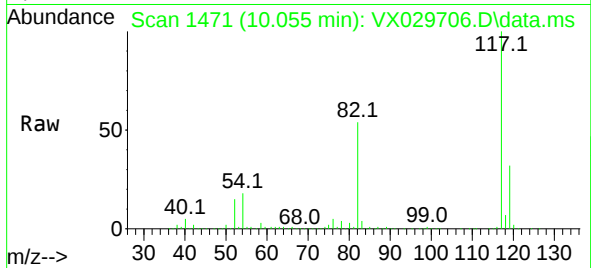
Tgt Ion: 95 Resp: 177228
Ion Ratio Lower Upper
95 100
174 70.6 0.0 163.0
176 68.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

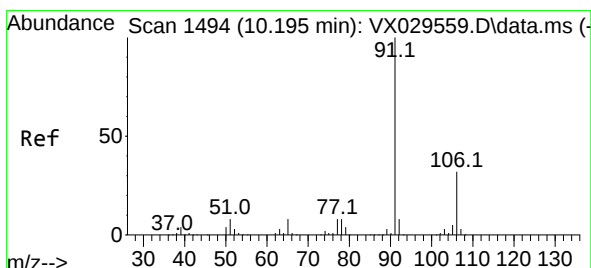
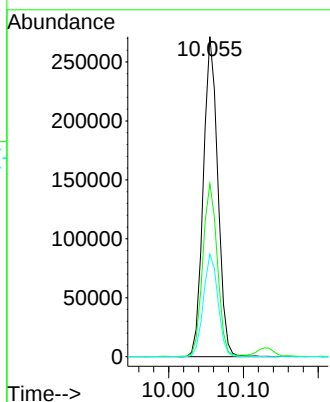
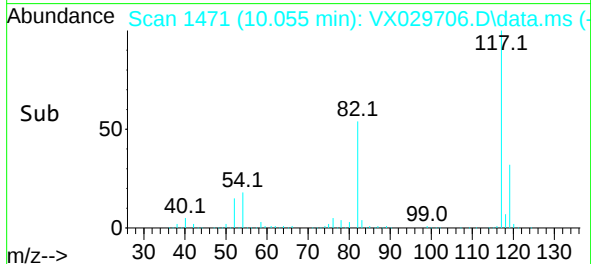
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion:117 Resp: 365468
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 32.0 24.8 37.2

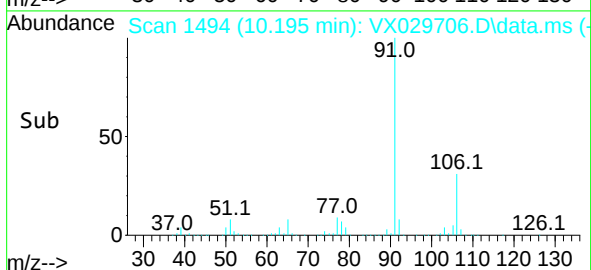
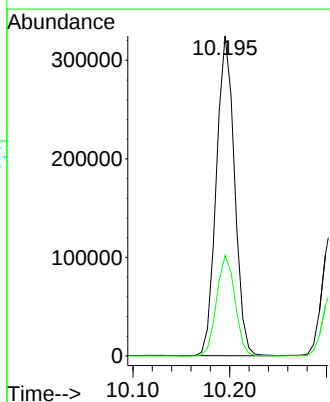
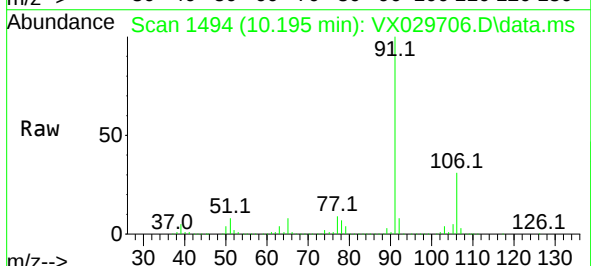
Manual Integrations
APPROVED

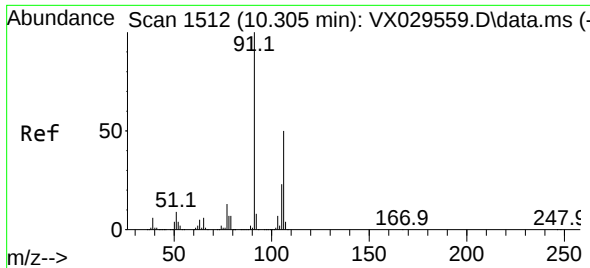
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#67
Ethyl Benzene
Concen: 32.755 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

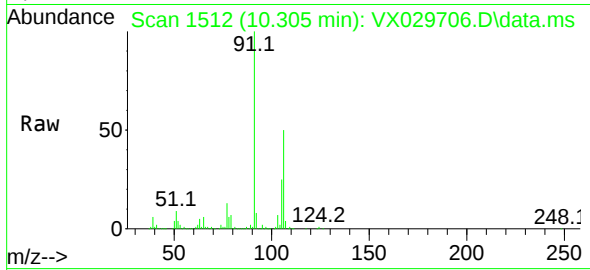
Tgt Ion: 91 Resp: 422541
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8





#68
m/p-Xylenes
Concen: 17.342 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

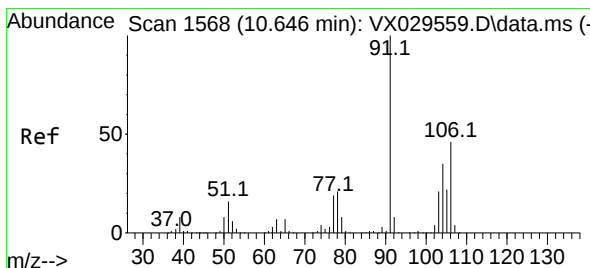
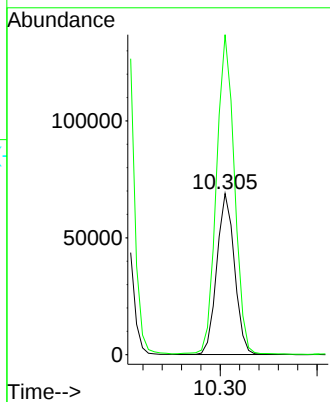
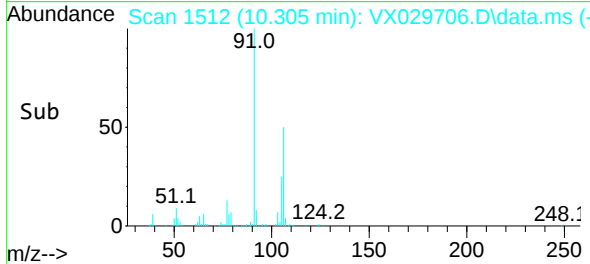
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion:106 Resp: 87244
Ion Ratio Lower Upper
106 100
91 202.3 160.4 240.6

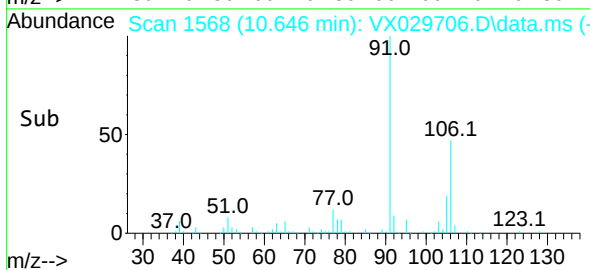
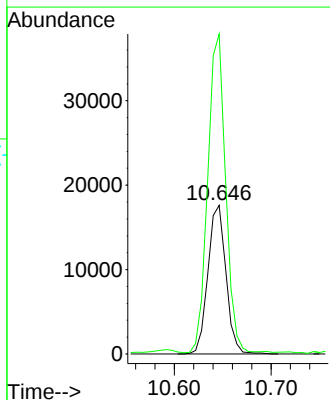
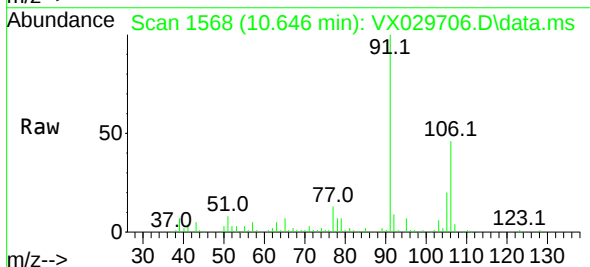
Manual Integrations
APPROVED

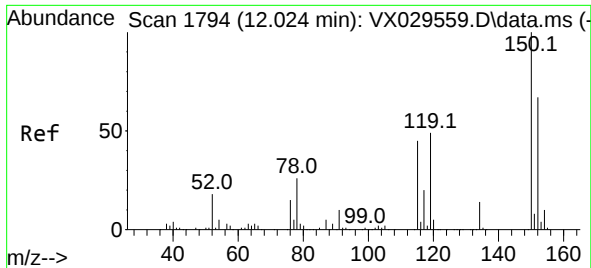
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 4.592 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

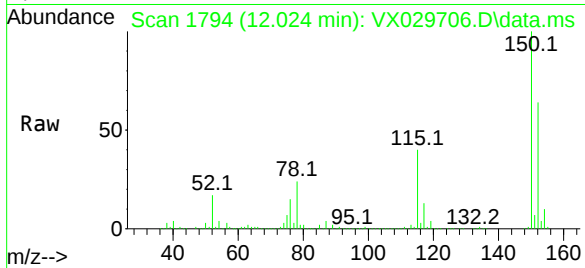
Tgt Ion:106 Resp: 22822
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

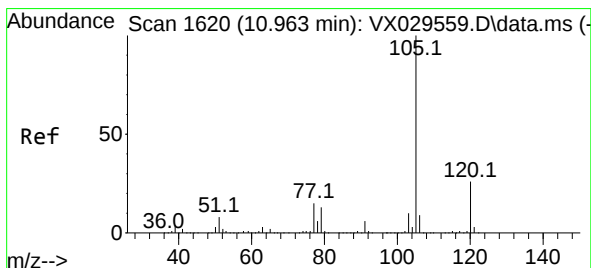
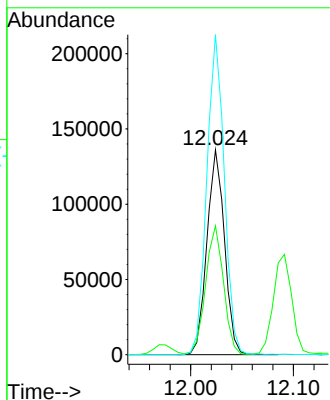
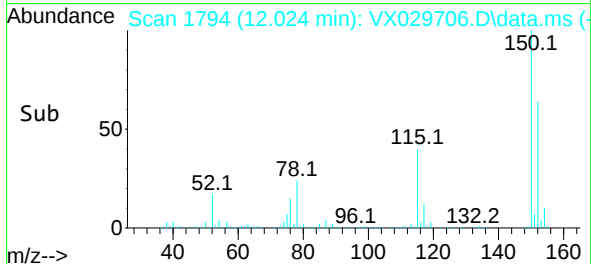
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion:152 Resp: 16158
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 155.6 0.0 338.2

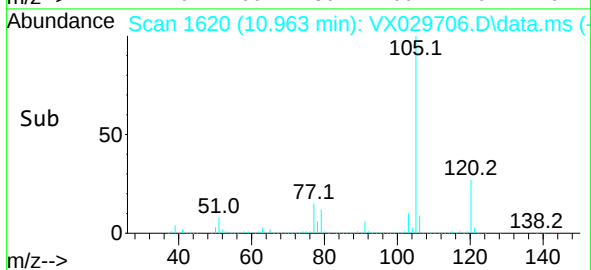
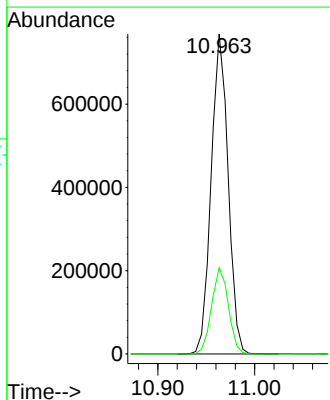
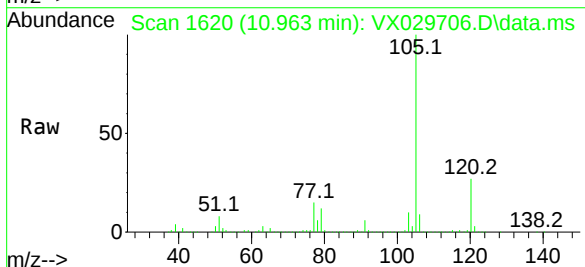
Manual Integrations
APPROVED

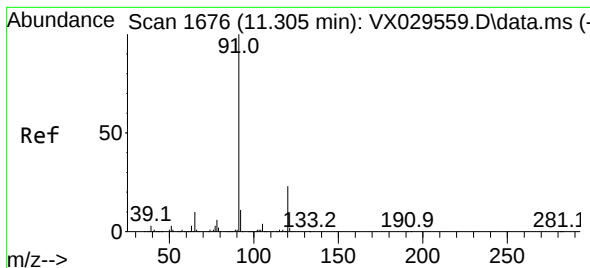
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#73
Isopropylbenzene
Concen: 76.964 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

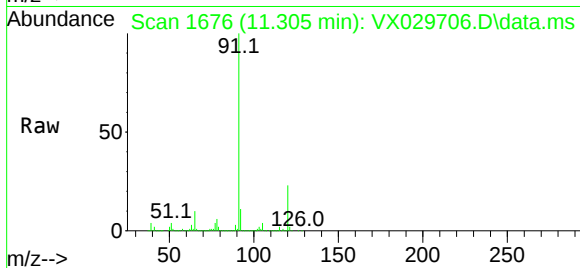
Tgt Ion:105 Resp: 932429
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5





#78
n-propylbenzene
Concen: 90.849 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57

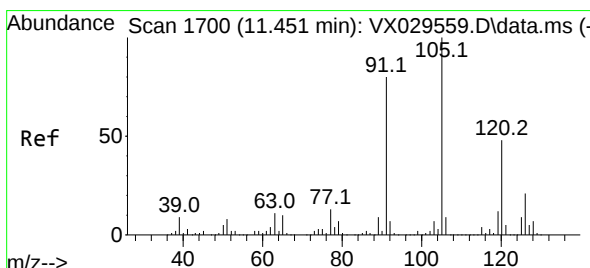
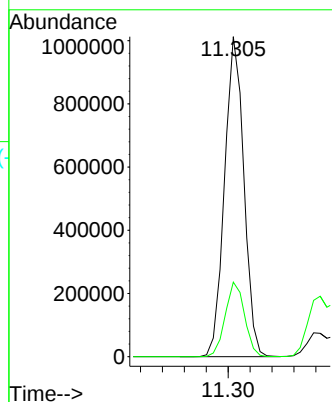
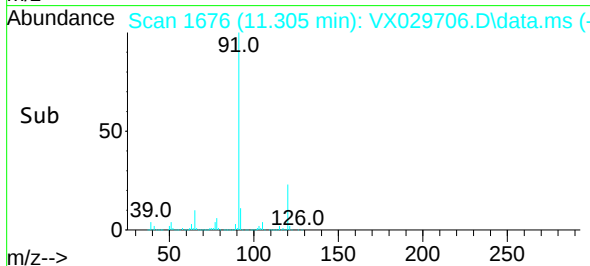
Instrument :
MSVOA_X
ClientSampleId :
MW-11



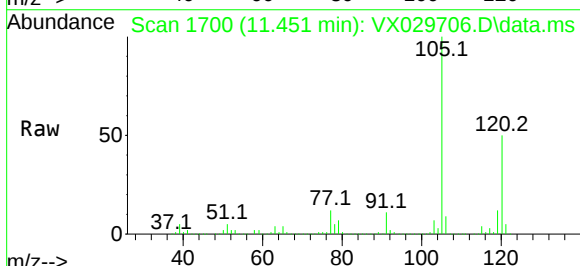
Tgt Ion: 91 Resp: 123962
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

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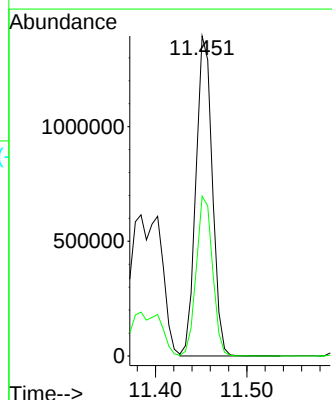
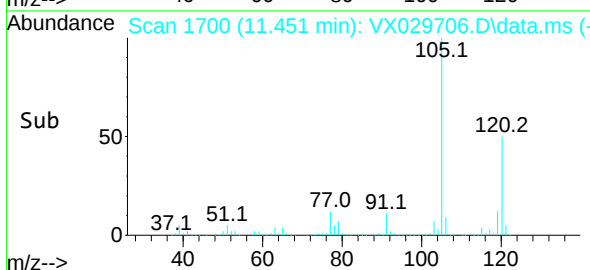
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

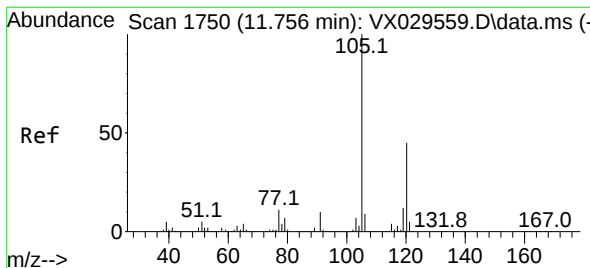


#80
1,3,5-Trimethylbenzene
Concen: 170.385 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029706.D
Acq: 22 Jun 2022 17:57



Tgt Ion:105 Resp: 1738429
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 409.445 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-11

Tgt Ion:105 Resp: 416646

Ion Ratio Lower Upper

105 100

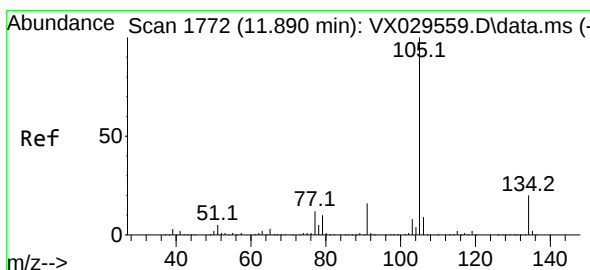
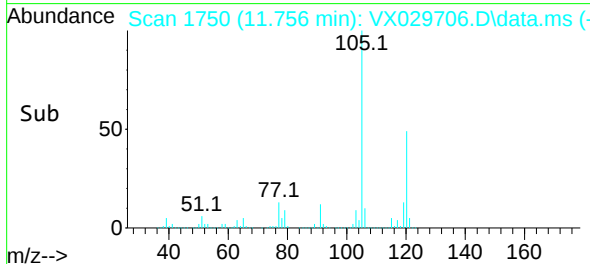
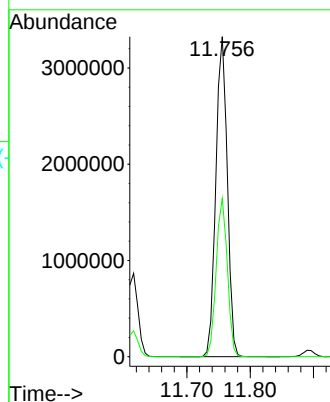
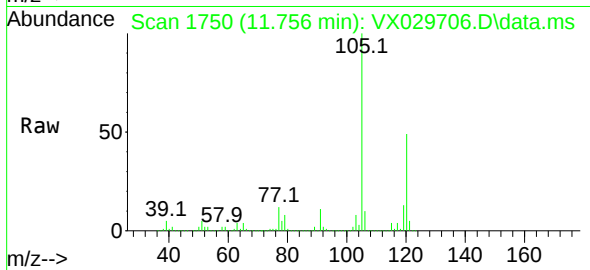
120 48.3 22.6 67.8

Manual Integrations

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Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 7.022 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX029706.D

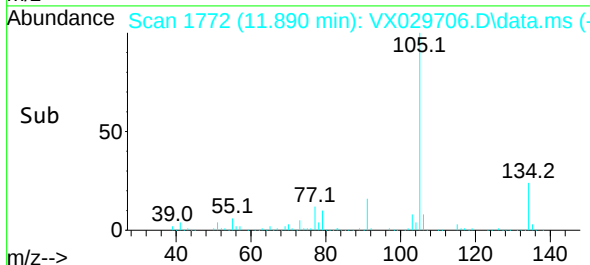
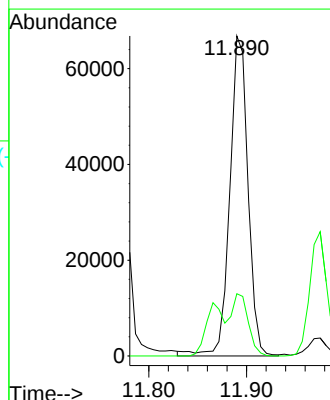
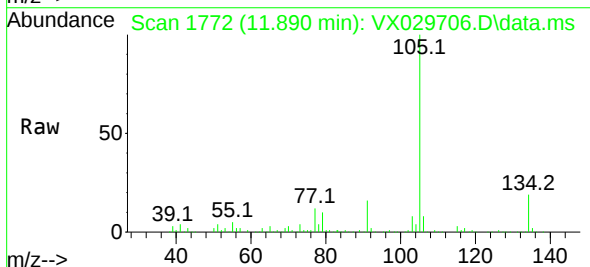
Acq: 22 Jun 2022 17:57

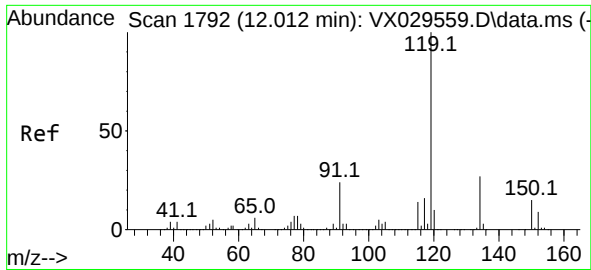
Tgt Ion:105 Resp: 86579

Ion Ratio Lower Upper

105 100

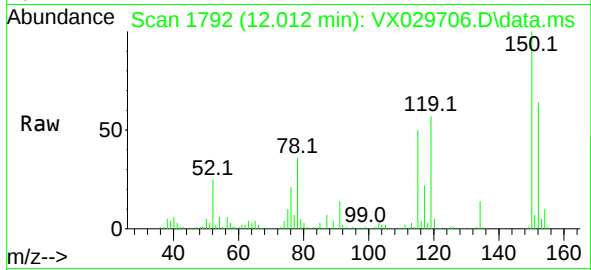
134 0.0 10.2 30.4#





#86
 p-Isopropyltoluene
 Concen: 4.005 ug/l m
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029706.D
 Acq: 22 Jun 2022 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11



Tgt Ion:119 Resp: 41348

Ion	Ratio	Lower	Upper
119	100		
134	76.6	13.0	39.0
91	68.3	11.3	33.9

Manual Integrations
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Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

