

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029651.D
 Acq On : 21 Jun 2022 09:14
 Operator : JC/MD
 Sample : N3354-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-58

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 09:51:51 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	250352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145786	43.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.980%		
35) Dibromofluoromethane	5.385	113	127612	46.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.653	98	472196	47.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.140%		
62) 4-Bromofluorobenzene	11.085	95	158756	41.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.940%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	5871	4.445	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	9819	1.115	ug/l #	18
31) Cyclohexane	5.483	56	7010	1.576	ug/l	87
39) Methylcyclohexane	7.379	83	7690	1.660	ug/l #	87
68) m/p-Xylenes	10.305	106	4479	0.939	ug/l	100
69) o-Xylene	10.640	106	1153	0.245	ug/l	97
73) Isopropylbenzene	10.963	105	19266	1.826	ug/l	96
78) n-propylbenzene	11.305	91	13422	1.130	ug/l	99
83) tert-Butylbenzene	11.713	119	2425	0.280	ug/l	74
84) 1,2,4-Trimethylbenzene	11.756	105	2125	0.240	ug/l	84
85) sec-Butylbenzene	11.890	105	9877	0.920	ug/l	87
89) n-Butylbenzene	12.323	91	2501m	0.330	ug/l	

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

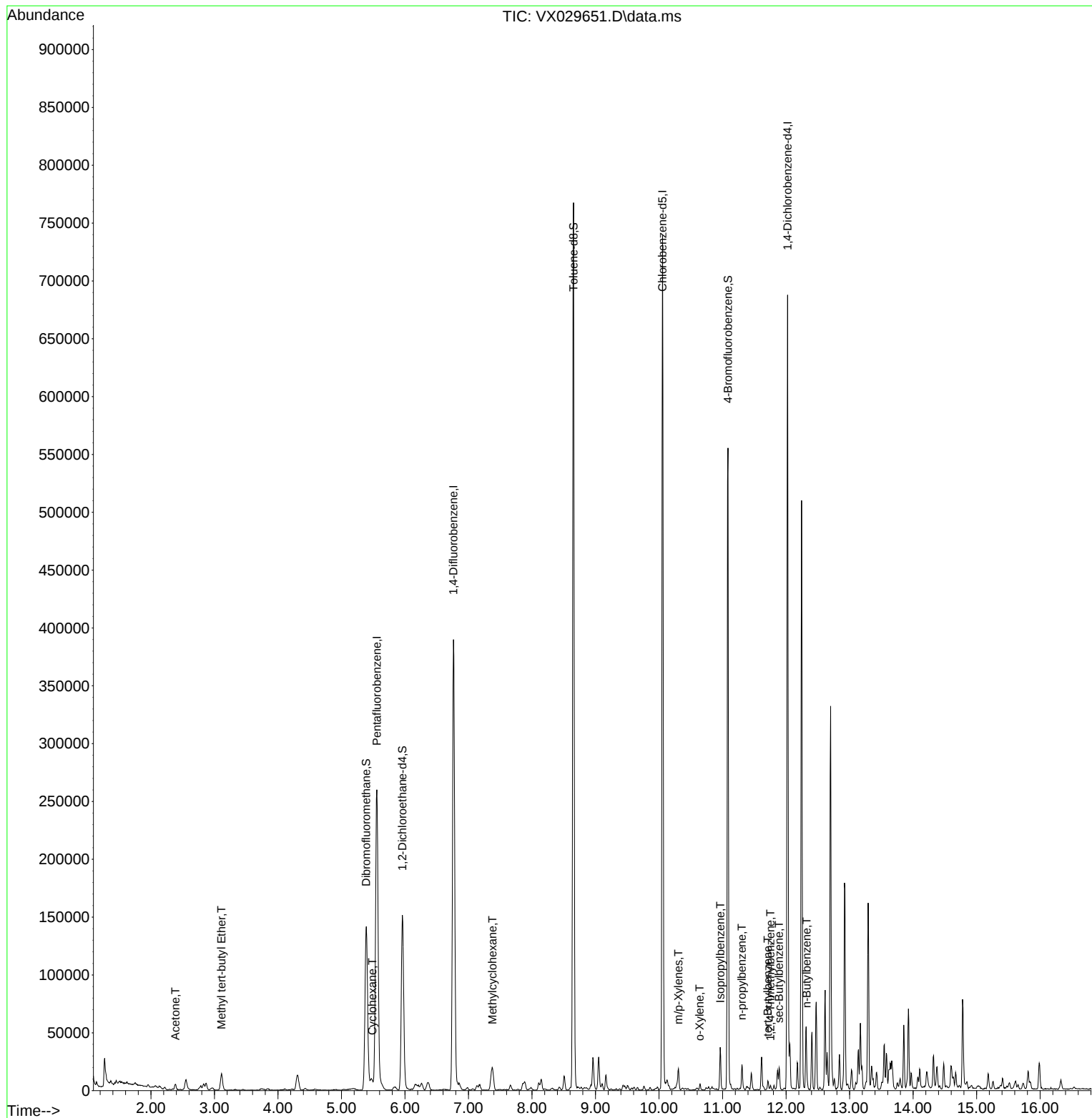
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

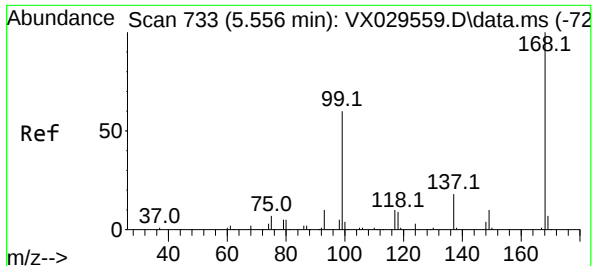
Instrument :
MSVOA_X
ClientSampleId :
MW-58

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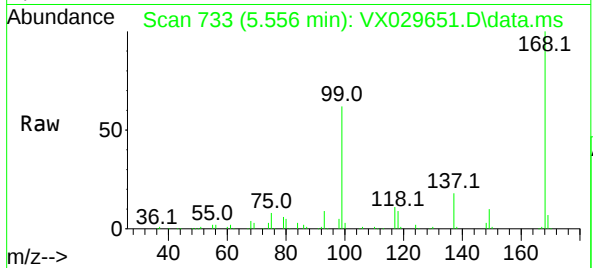
Quant Time: Jun 21 09:51:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

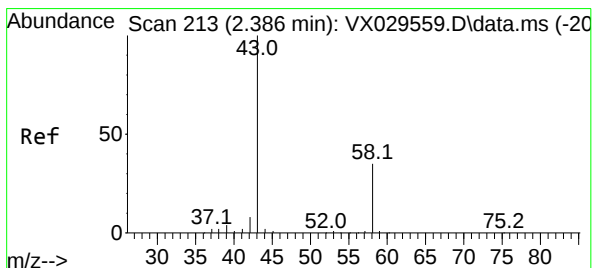
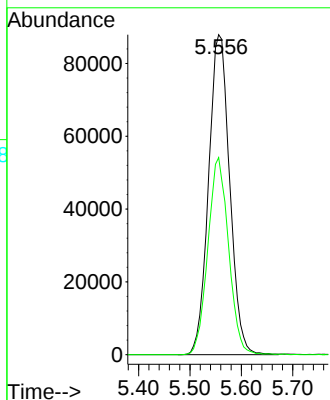
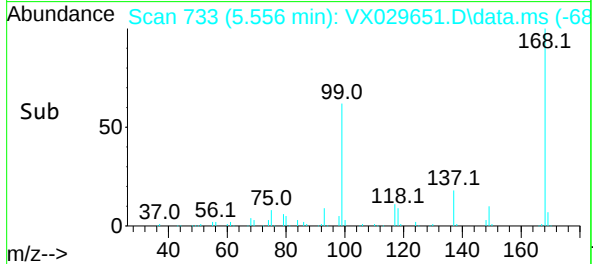
Instrument :
MSVOA_X
ClientSampleId :
MW-58



Tgt Ion:168 Resp: 250352
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5

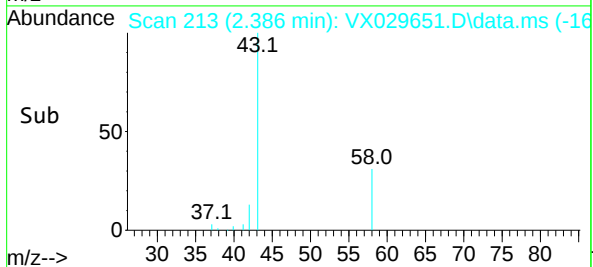
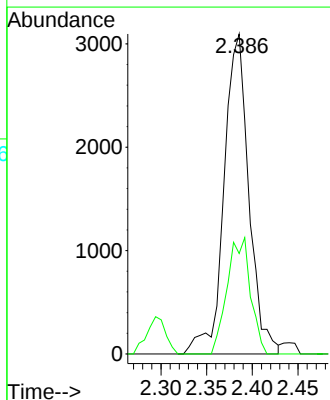
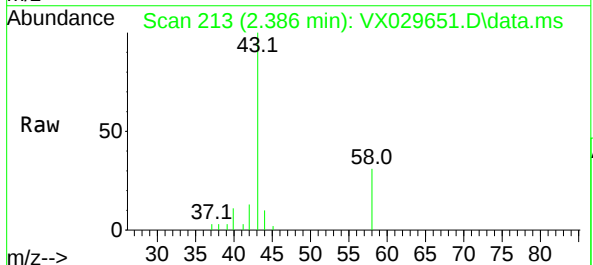
Manual Integrations
APPROVED

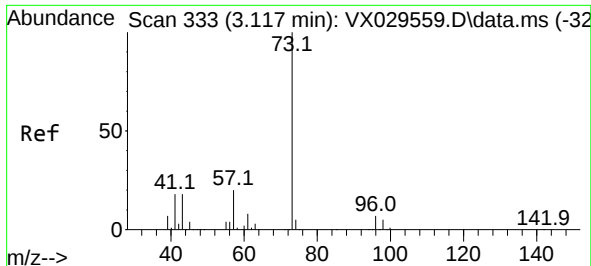
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 4.445 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

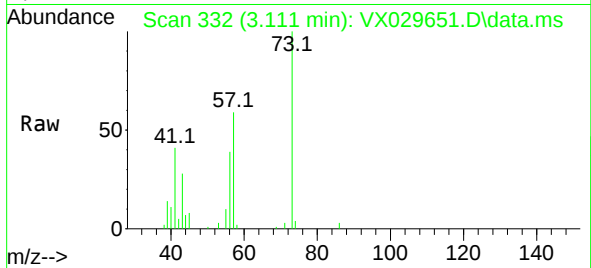
Tgt Ion: 43 Resp: 5871
Ion Ratio Lower Upper
43 100
58 31.4 28.8 43.2





#19
Methyl tert-butyl Ether
Concen: 1.115 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

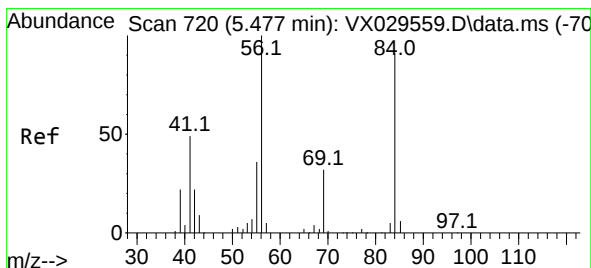
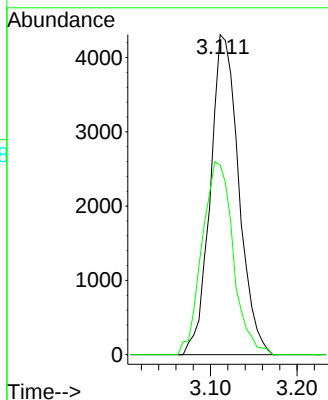
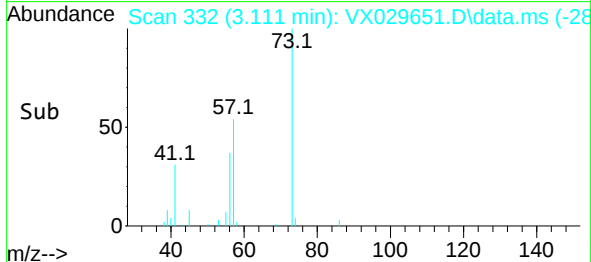
Instrument :
MSVOA_X
ClientSampleId :
MW-58



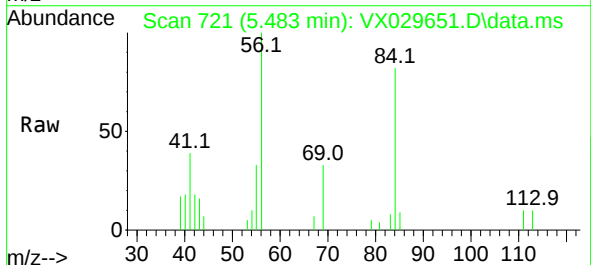
Tgt Ion: 73 Resp: 9819
Ion Ratio Lower Upper
73 100
57 59.3 16.8 25.2

Manual Integrations
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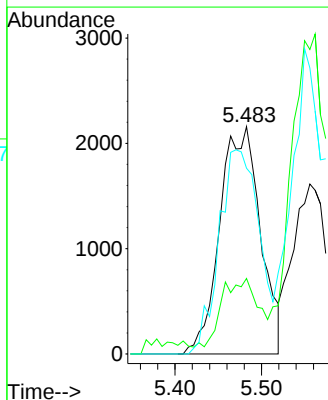
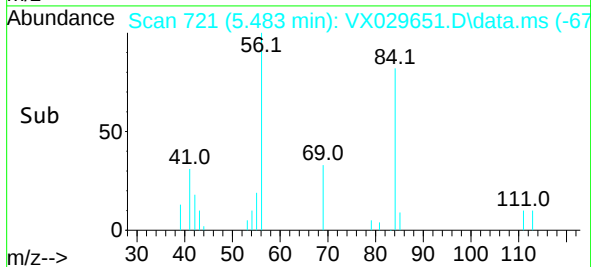
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

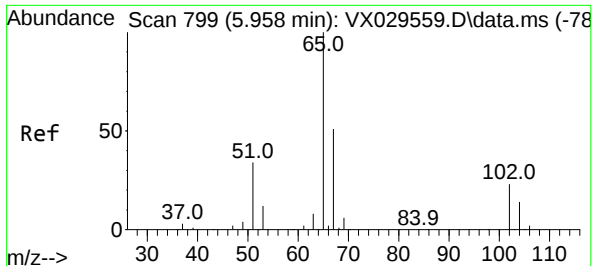


#31
Cyclohexane
Concen: 1.576 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14



Tgt Ion: 56 Resp: 7010
Ion Ratio Lower Upper
56 100
69 29.4 26.7 40.1
84 81.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.991 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029651.D

Acq: 21 Jun 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

MW-58

Tgt Ion: 65 Resp: 145780

Ion Ratio Lower Upper

65 100

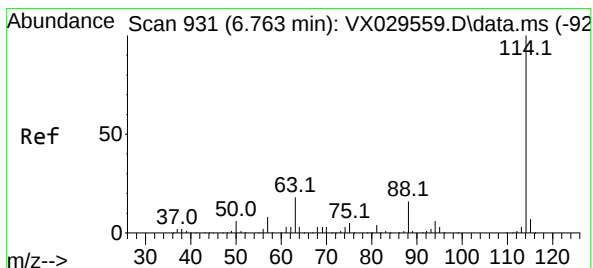
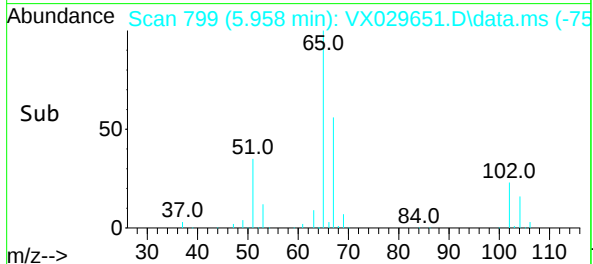
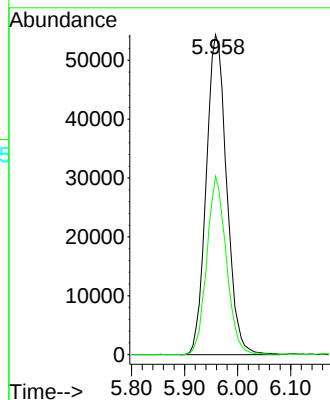
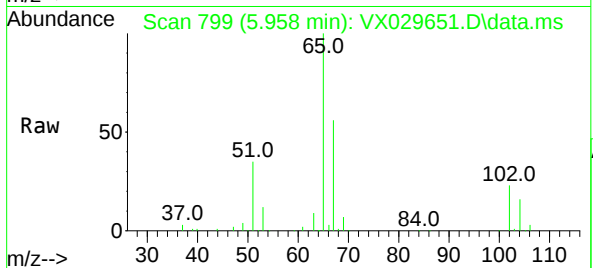
67 53.2 0.0 107.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029651.D

Acq: 21 Jun 2022 09:14

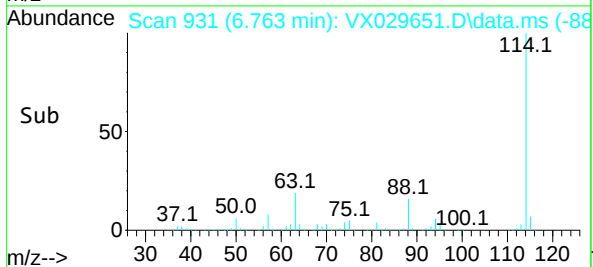
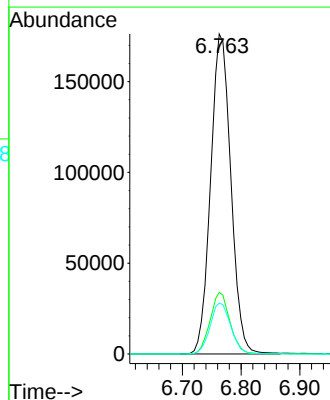
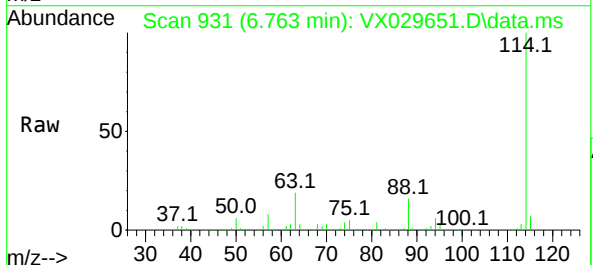
Tgt Ion:114 Resp: 421364

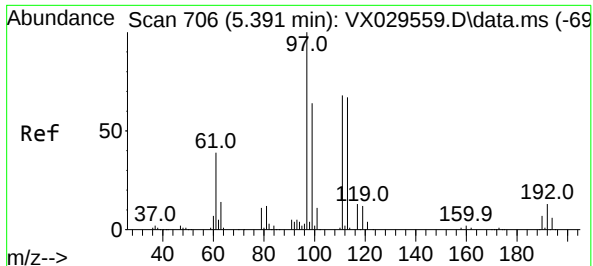
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.473 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029651.D

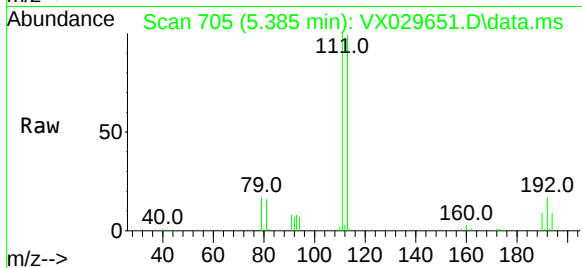
Acq: 21 Jun 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

MW-58



Tgt Ion:113 Resp: 12761

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

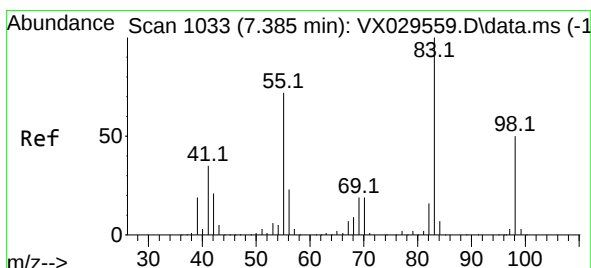
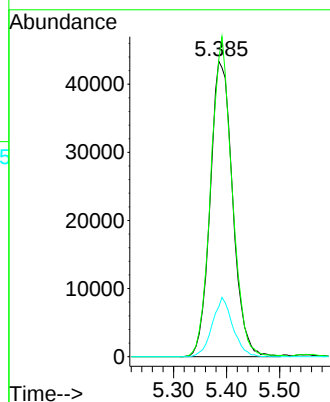
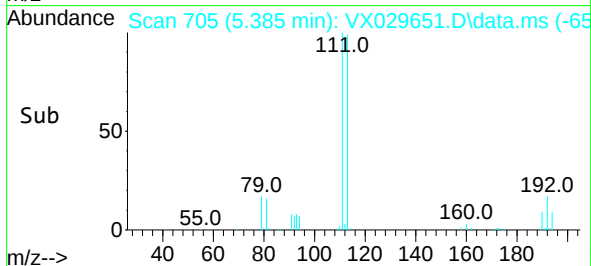
192 18.3 16.9 25.3

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/23/2022



#39

Methylcyclohexane

Concen: 1.660 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029651.D

Acq: 21 Jun 2022 09:14

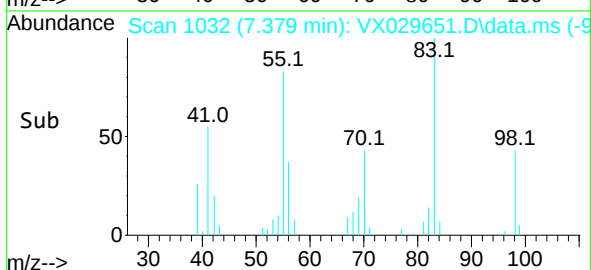
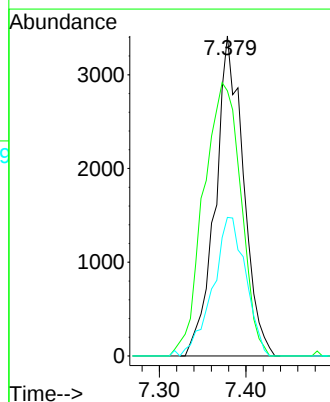
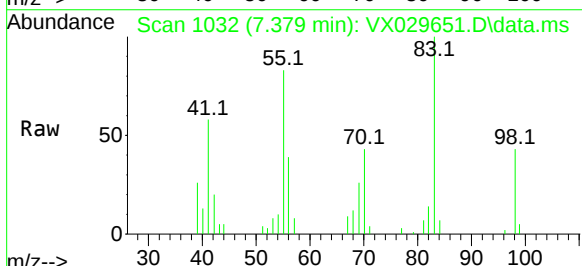
Tgt Ion: 83 Resp: 7690

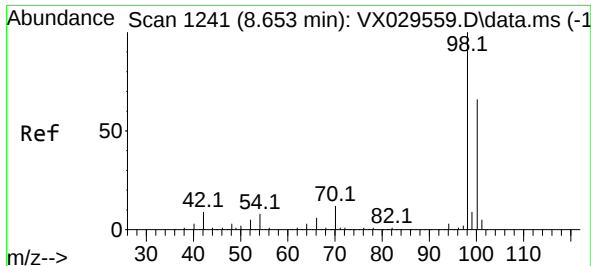
Ion Ratio Lower Upper

83 100

55 82.9 54.6 81.8#

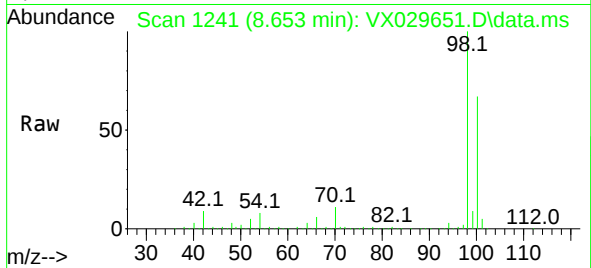
98 43.3 37.4 56.2





#50
Toluene-d8
Concen: 47.071 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

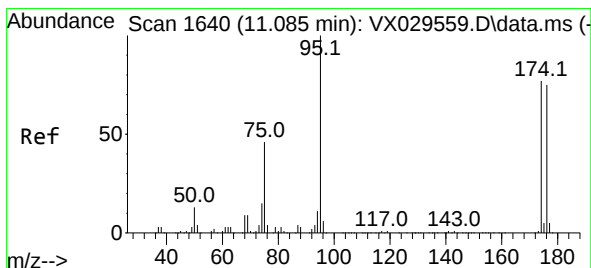
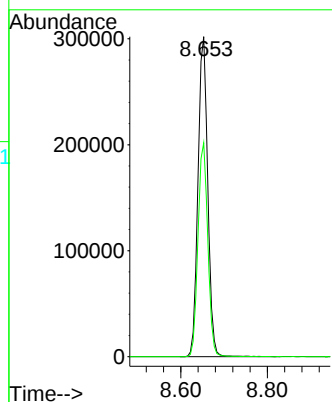
Instrument :
MSVOA_X
ClientSampleId :
MW-58



Tgt Ion: 98 Resp: 472190
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

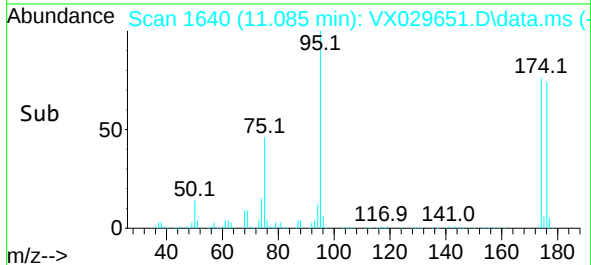
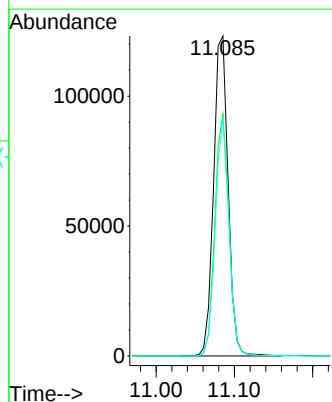
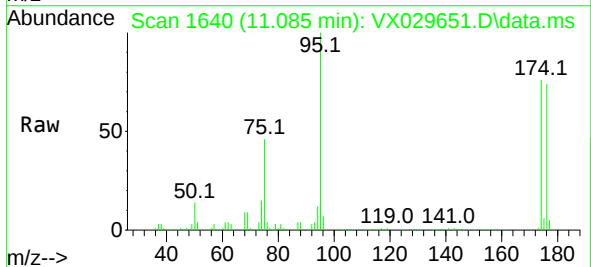
Manual Integrations
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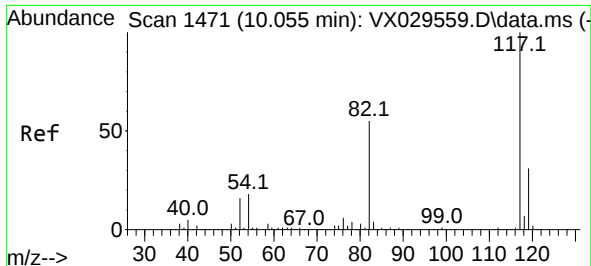
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 41.965 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

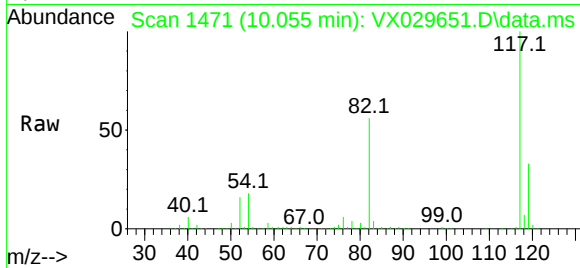
Tgt Ion: 95 Resp: 158756
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 70.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

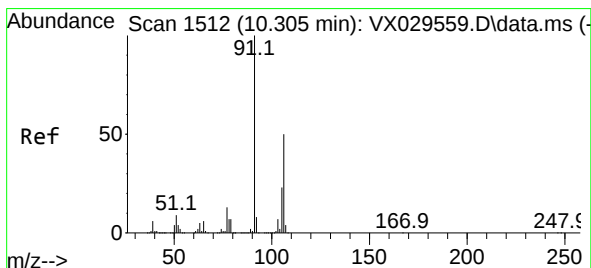
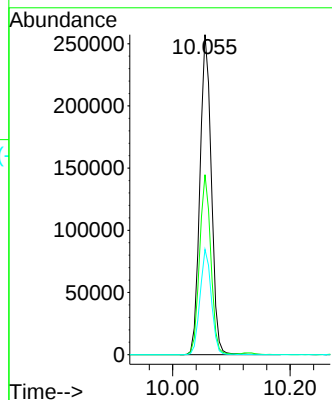
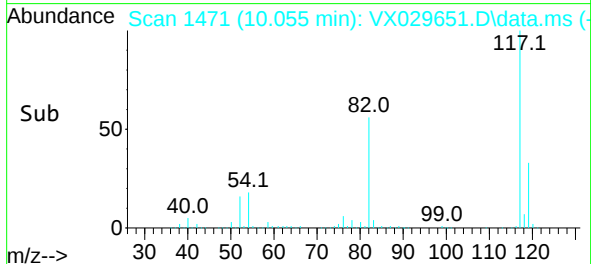
Instrument :
MSVOA_X
ClientSampleId :
MW-58



Tgt Ion:117 Resp: 34654
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.9 24.8 37.2

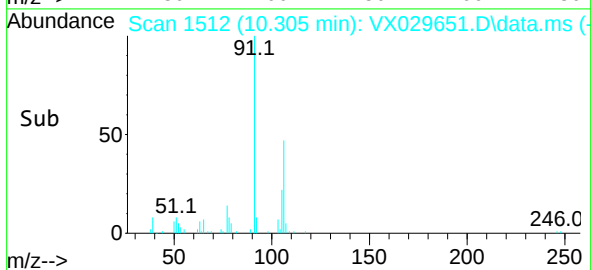
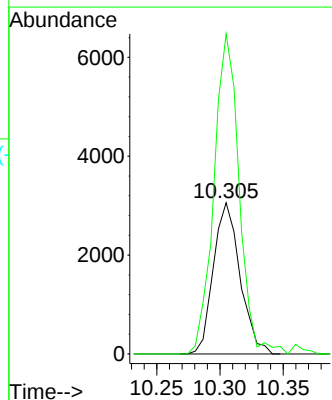
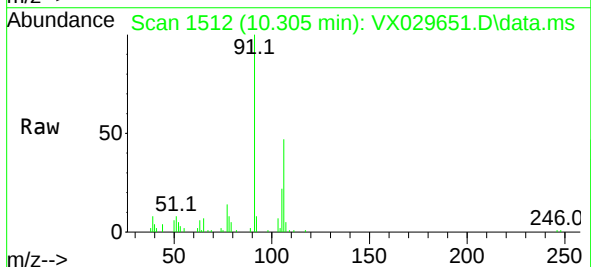
Manual Integrations
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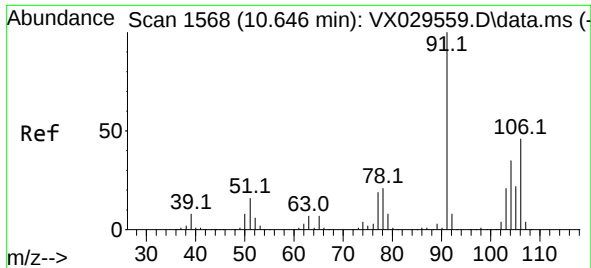
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#68
m/p-Xylenes
Concen: 0.939 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

Tgt Ion:106 Resp: 4479
Ion Ratio Lower Upper
106 100
91 200.0 160.4 240.6





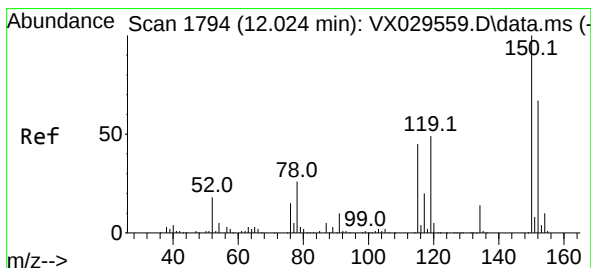
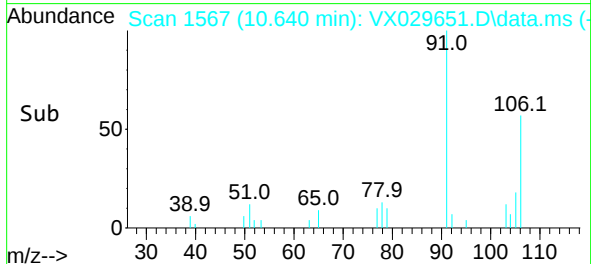
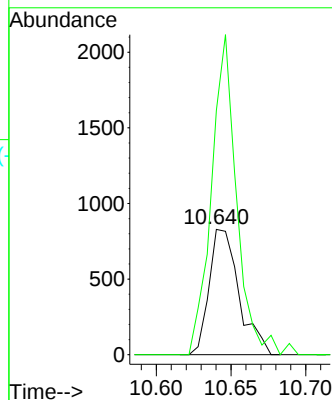
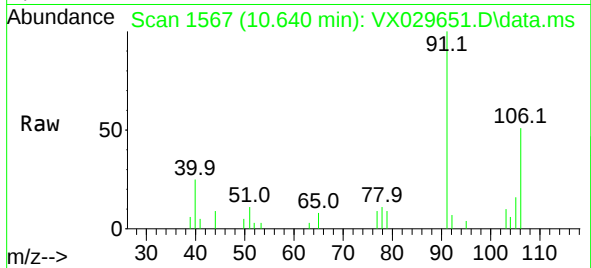
#69
o-Xylene
Concen: 0.245 ug/l
RT: 10.640 min Scan# 115
Delta R.T. -0.006 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

Instrument :
MSVOA_X
ClientSampleId :
MW-58

Tgt Ion:106 Resp: 115
Ion Ratio Lower Upper
106 100
91 216.4 106.1 318.1

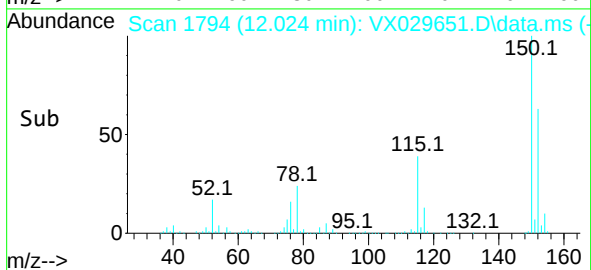
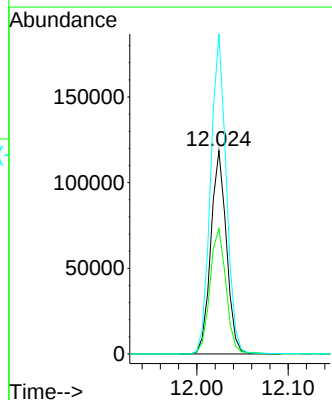
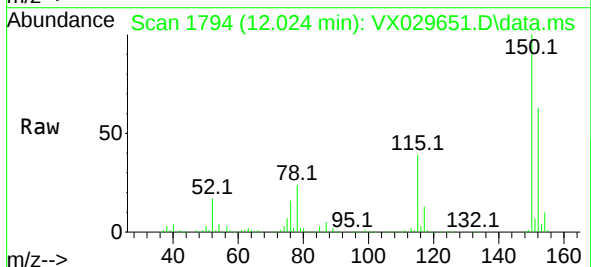
Manual Integrations
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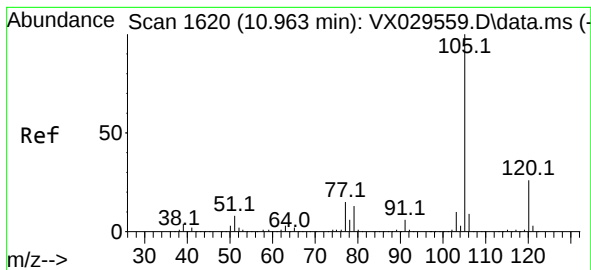
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

Tgt Ion:152 Resp: 140684
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 157.5 0.0 338.2





#73

Isopropylbenzene

Concen: 1.826 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX029651.D

Acq: 21 Jun 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

MW-58

Tgt Ion:105 Resp: 19260

Ion Ratio Lower Upper

105 100

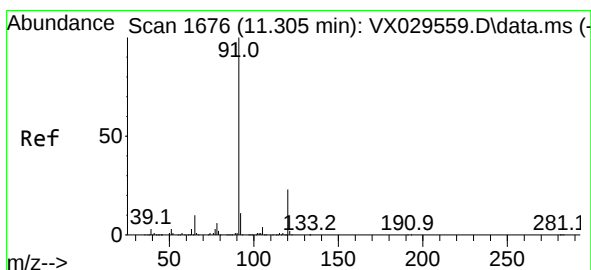
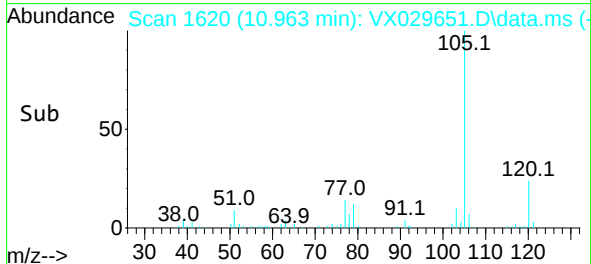
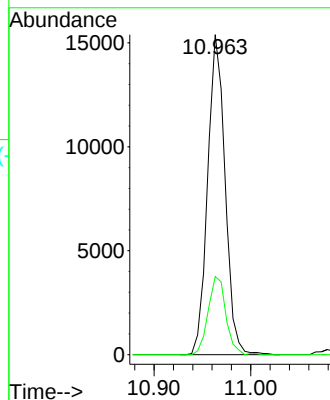
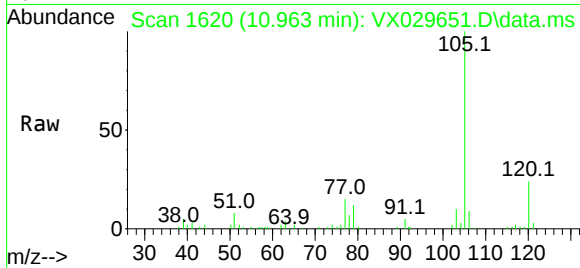
120 24.9 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/23/2022



#78

n-propylbenzene

Concen: 1.130 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029651.D

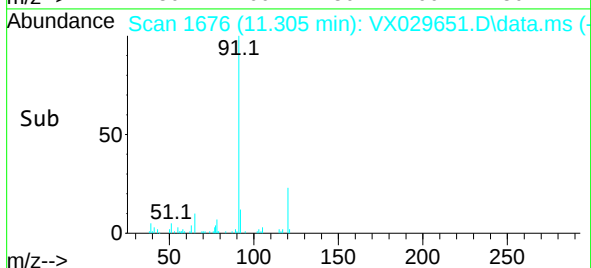
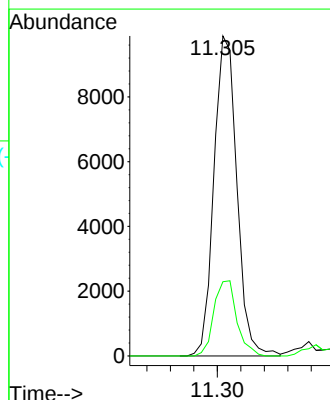
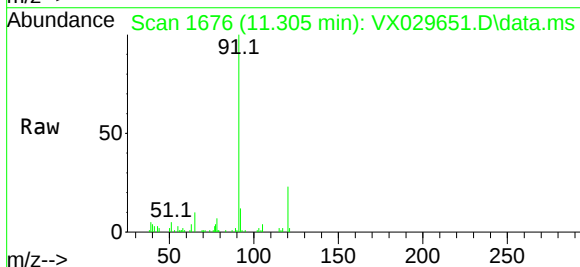
Acq: 21 Jun 2022 09:14

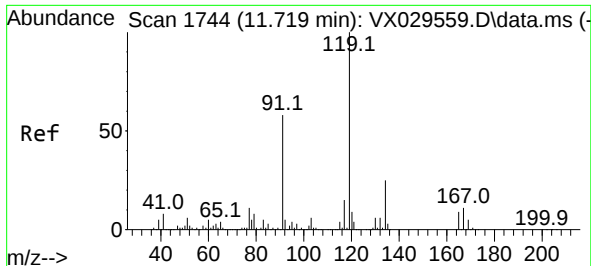
Tgt Ion: 91 Resp: 13422

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8





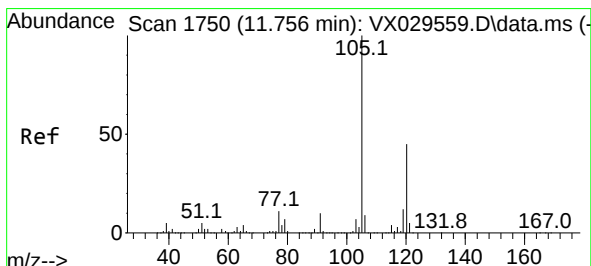
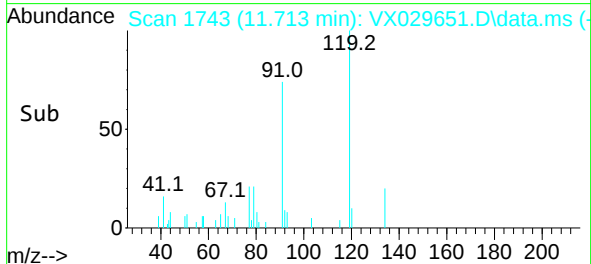
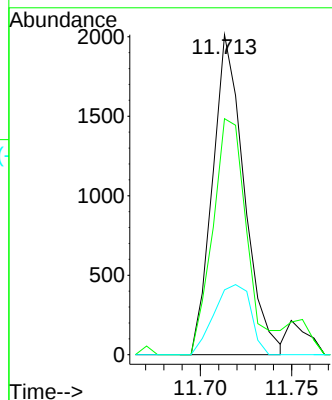
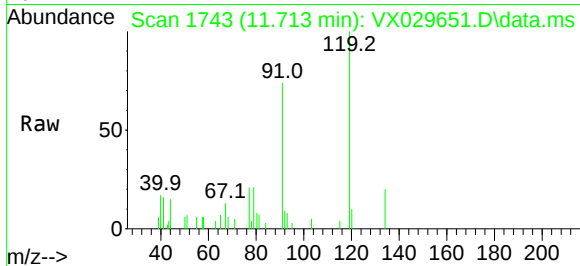
#83
tert-Butylbenzene
Concen: 0.280 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

Instrument :
MSVOA_X
ClientSampleId :
MW-58

Tgt Ion:119 Resp: 2425
Ion Ratio Lower Upper
119 100
91 78.3 26.9 80.6
134 25.5 11.4 34.2

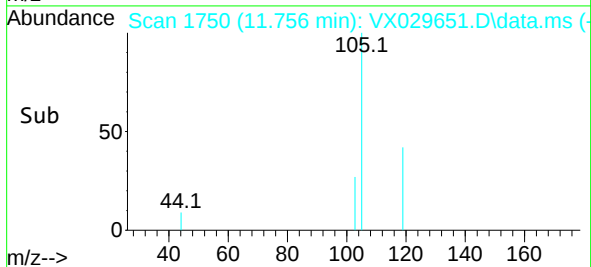
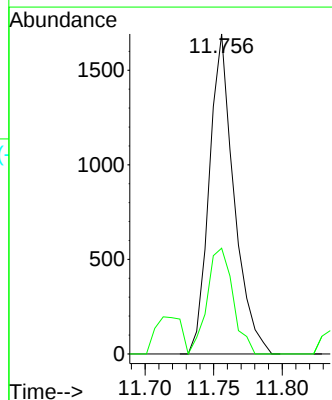
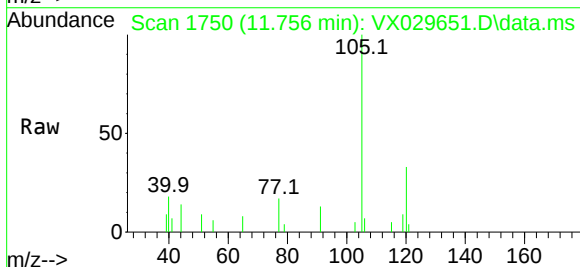
Manual Integrations
APPROVED

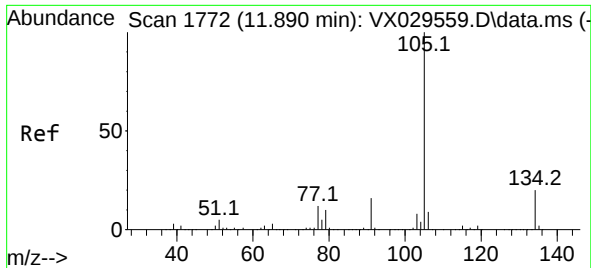
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.240 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029651.D
Acq: 21 Jun 2022 09:14

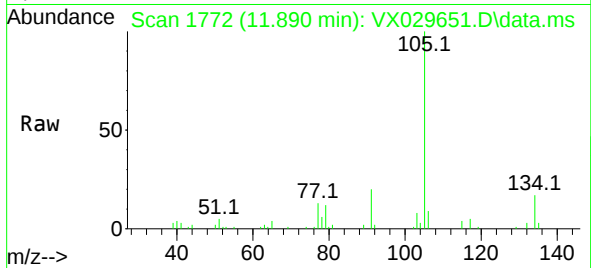
Tgt Ion:105 Resp: 2125
Ion Ratio Lower Upper
105 100
120 34.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.920 ug/l
 RT: 11.890 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: VX029651.D
 Acq: 21 Jun 2022 09:14

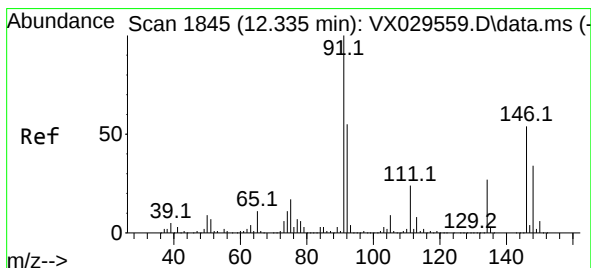
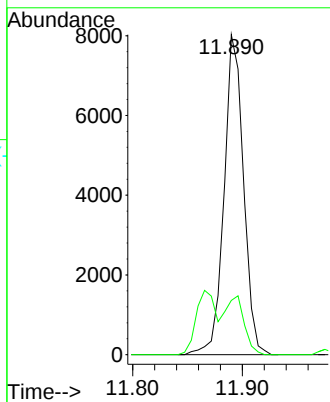
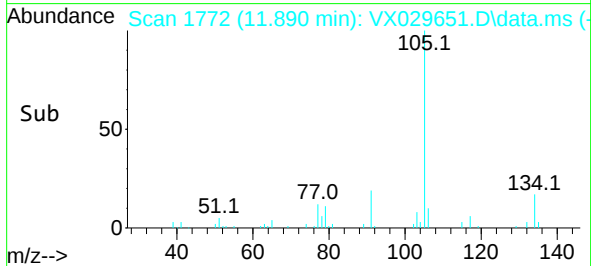
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-58



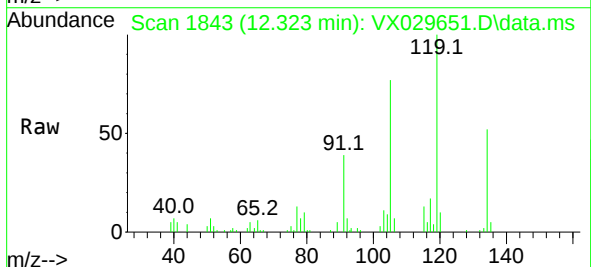
Tgt Ion:105 Resp: 987
 Ion Ratio Lower Upper
 105 100
 134 14.3 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#89
 n-Butylbenzene
 Concen: 0.330 ug/l m
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: VX029651.D
 Acq: 21 Jun 2022 09:14



Tgt Ion: 91 Resp: 2501
 Ion Ratio Lower Upper
 91 100
 92 63.1 27.8 83.3
 134 298.7 13.3 39.8#

