

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029622.D
 Acq On : 20 Jun 2022 14:53
 Operator : JC/MD
 Sample : N3290-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1ADL

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 01:50:52 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	270891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154825	43.177	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.360%		
35) Dibromofluoromethane	5.391	113	134365	45.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.820%		
50) Toluene-d8	8.653	98	516618	47.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.079	95	187648	46.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.080%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	22821	20.717	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	24841	2.607	ug/l	96
39) Methylcyclohexane	7.385	83	6251	1.252	ug/l #	90
40) Benzene	6.044	78	549980	46.332	ug/l	99
52) Toluene	8.720	92	4117	0.542	ug/l	93
67) Ethyl Benzene	10.195	91	146603	10.564	ug/l	99
68) m/p-Xylenes	10.305	106	21254	3.927	ug/l	95
69) o-Xylene	10.646	106	4653	0.870	ug/l	99
73) Isopropylbenzene	10.963	105	93566	7.108	ug/l	97
78) n-propylbenzene	11.305	91	308667	20.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4420m	0.399	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	41480	3.752	ug/l	99
85) sec-Butylbenzene	11.890	105	13095	0.978	ug/l #	66
89) n-Butylbenzene	12.335	91	17191	1.816	ug/l #	63
95) Naphthalene	13.774	128	199648	16.212	ug/l	99

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

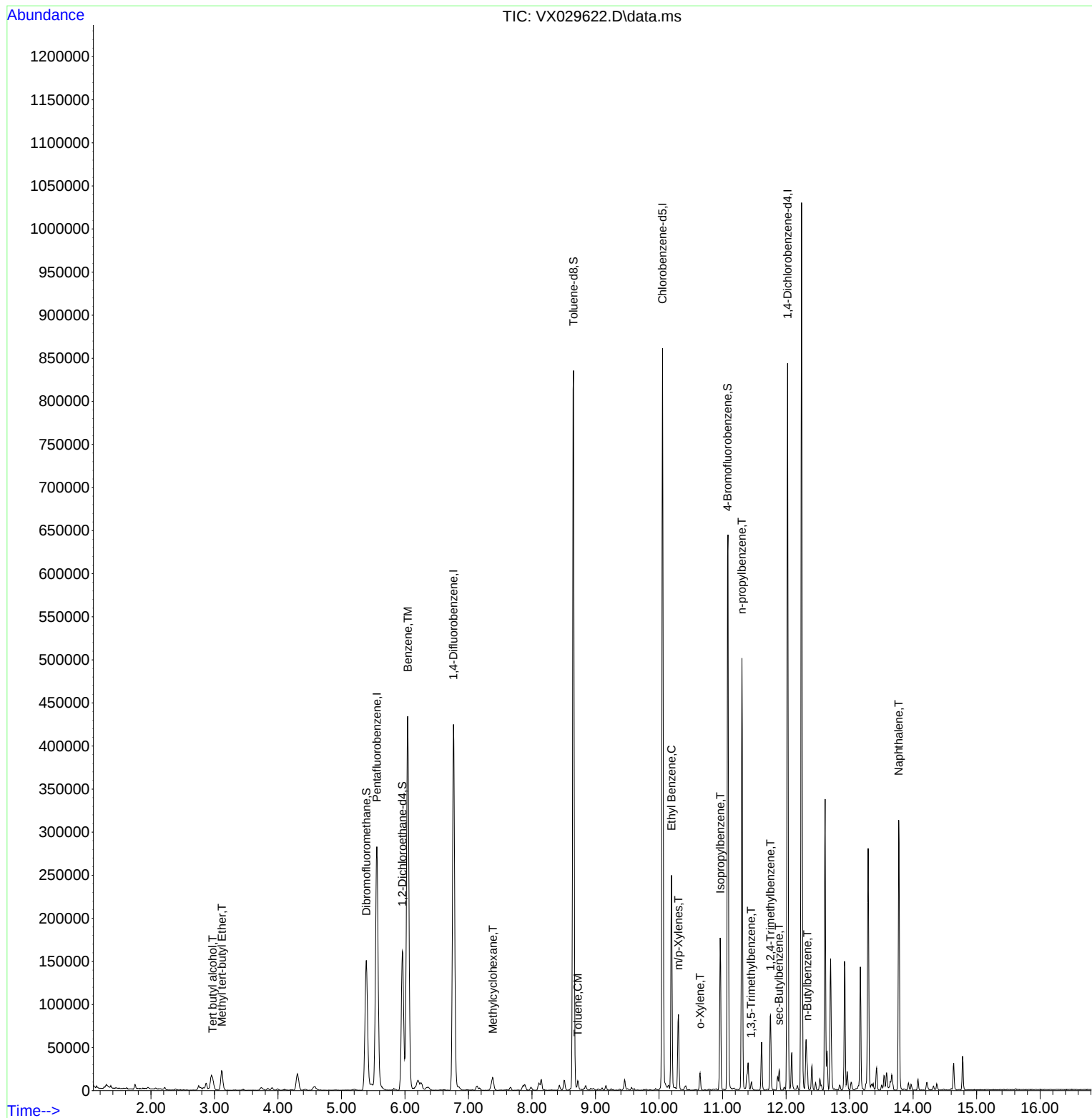
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029622.D
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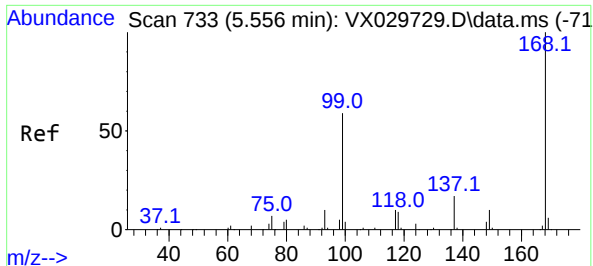
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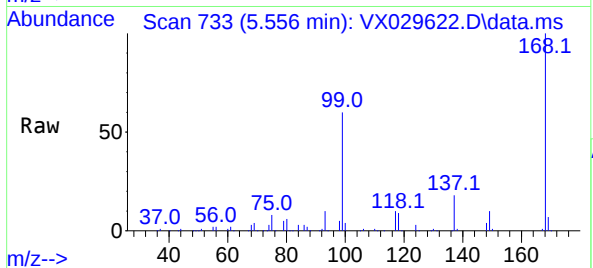
Quant Time: Jun 21 01:50:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

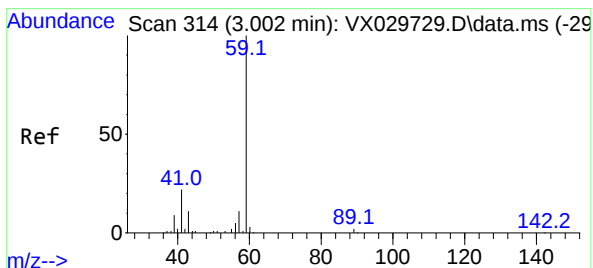
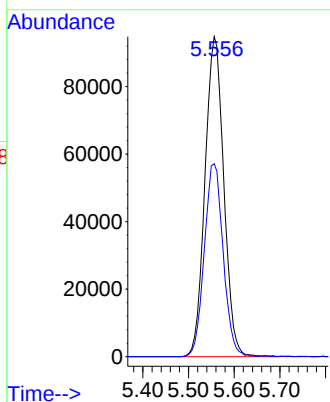
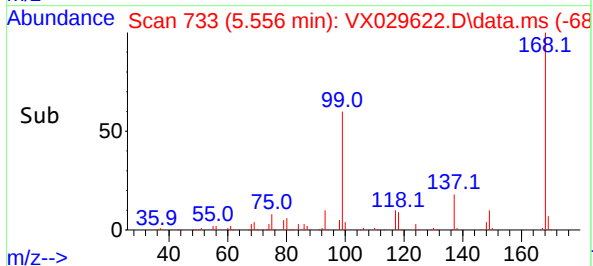
Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL



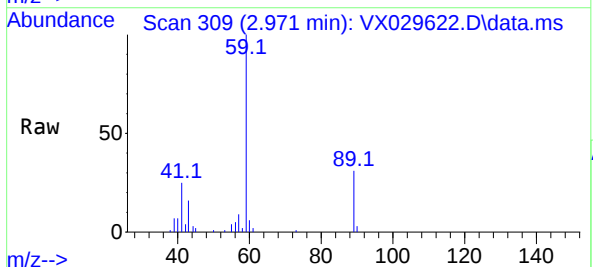
Tgt Ion:168 Resp: 27089
Ion Ratio Lower Upper
168 100
99 60.3 41.7 62.5

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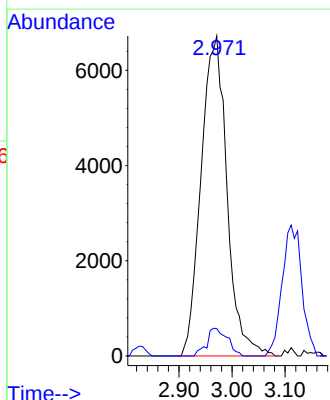
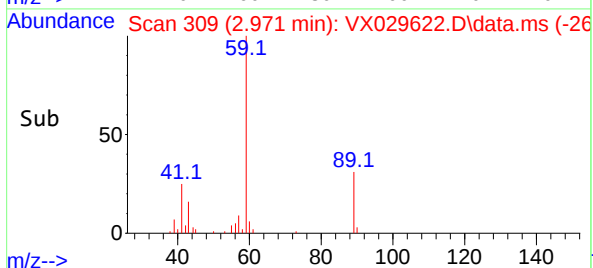
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

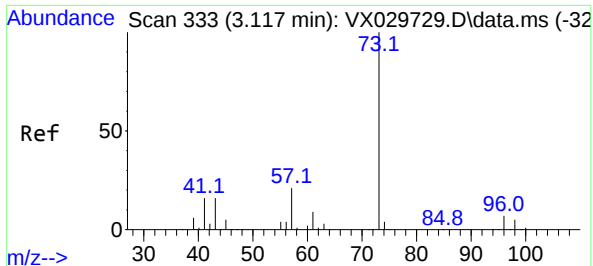


#11
Tert butyl alcohol
Concen: 20.717 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



Tgt Ion: 59 Resp: 22821
Ion Ratio Lower Upper
59 100
57 6.9 8.3 12.5#





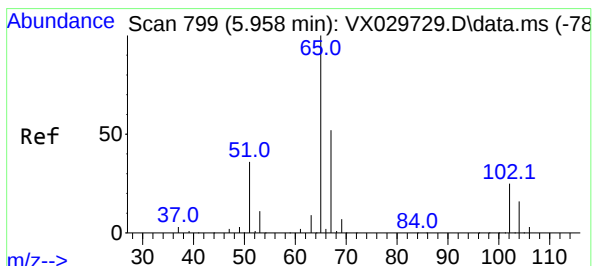
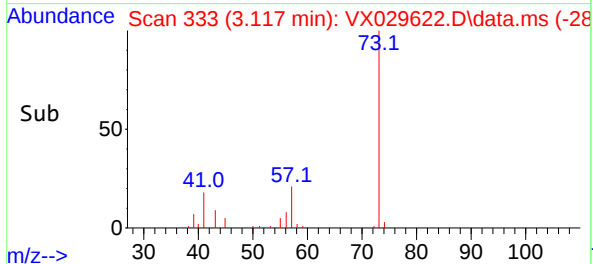
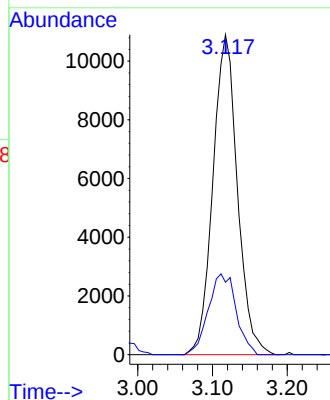
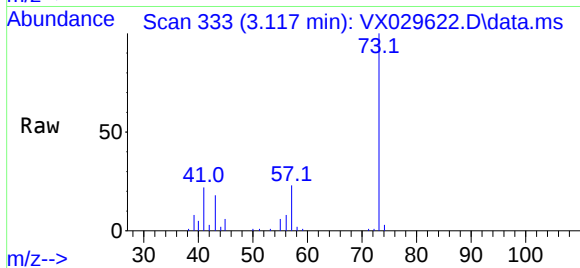
#19
Methyl tert-butyl Ether
Concen: 2.607 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029622.D
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Instrument :
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Tgt Ion: 73 Resp: 2484
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

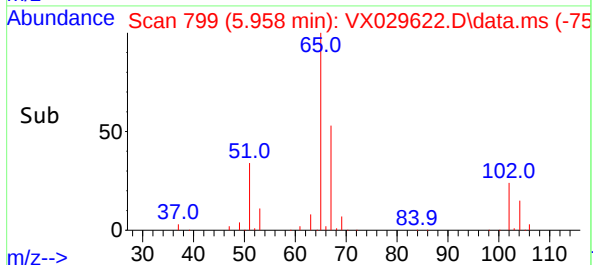
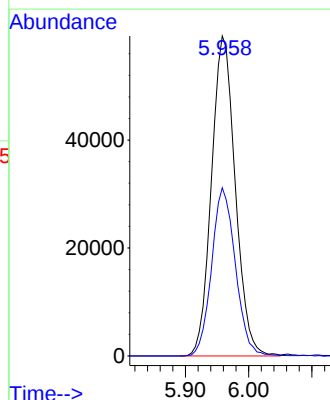
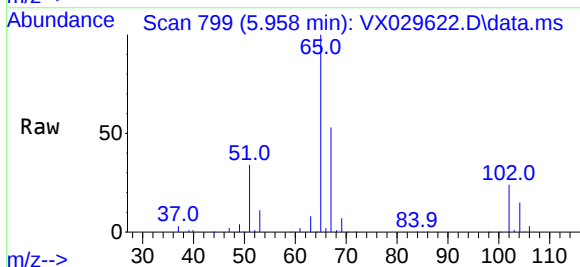
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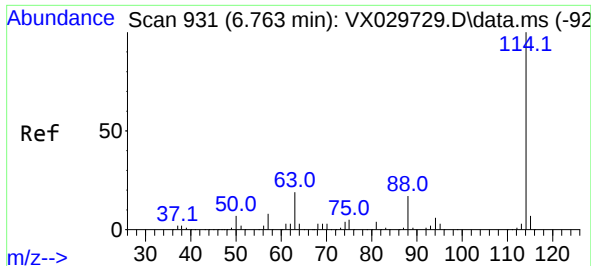
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#33
1,2-Dichloroethane-d4
Concen: 43.177 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

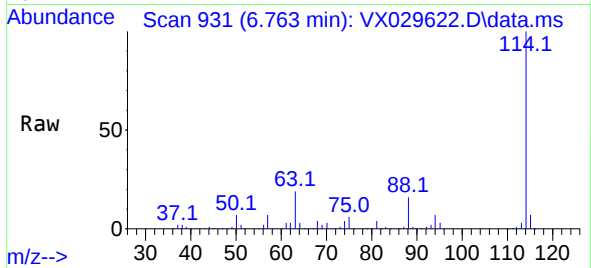
Tgt Ion: 65 Resp: 154825
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

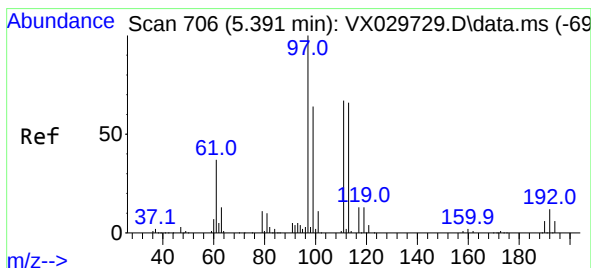
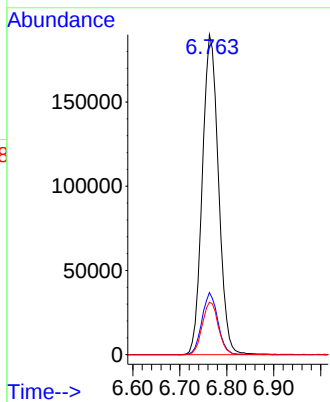
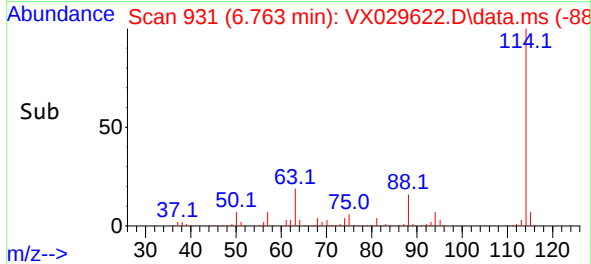
Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL



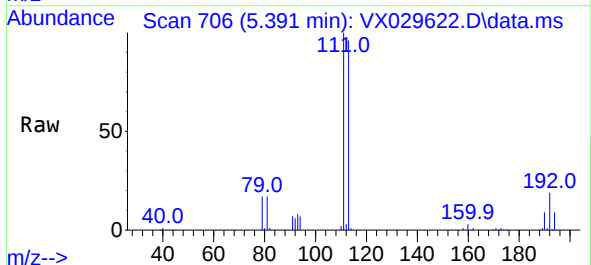
Tgt Ion:114 Resp: 45401
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.4 0.0 32.4

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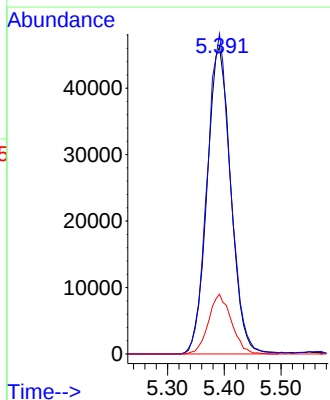
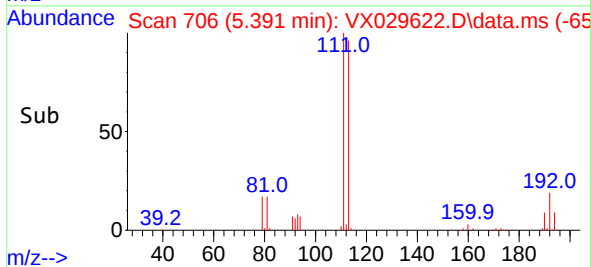
Reviewed By :John Carlone 06/21/2022
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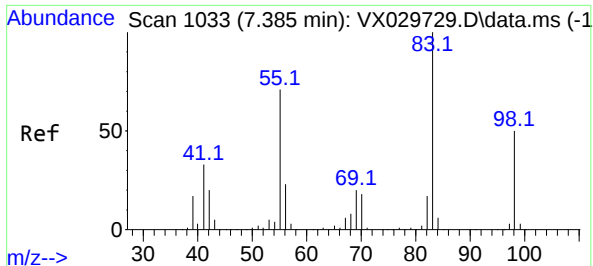


#35
Dibromofluoromethane
Concen: 45.413 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



Tgt Ion:113 Resp: 134365
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.8 16.9 25.3





#39

Methylcyclohexane

Concen: 1.252 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029622.D

Acq: 20 Jun 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

MW-1ADL

Tgt Ion: 83 Resp: 625

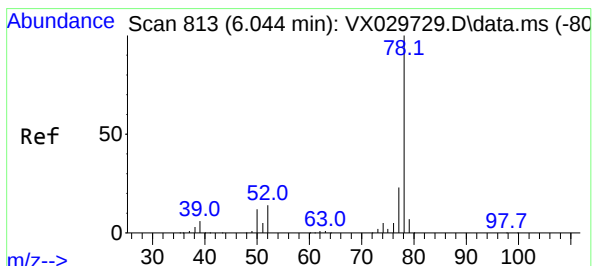
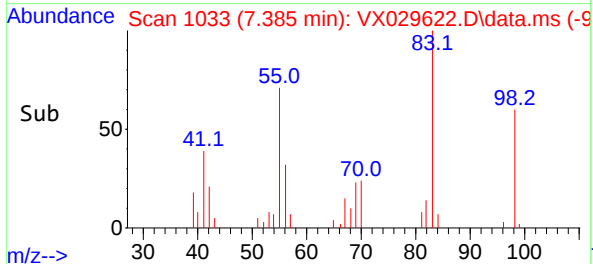
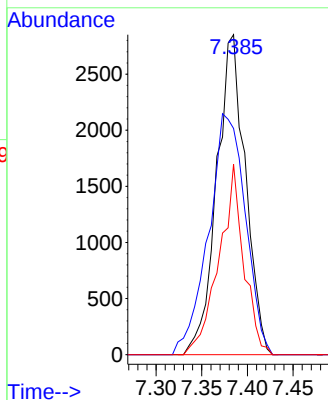
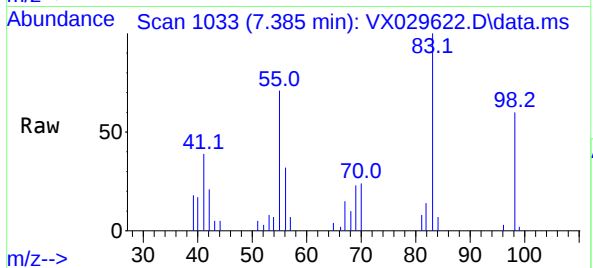
Ion	Ratio	Lower	Upper
83	100		
55	70.7	54.6	81.8
98	59.5	37.4	56.2

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Supervised By :Mahesh Dadoda 06/23/2022



#40

Benzene

Concen: 46.332 ug/l

RT: 6.044 min Scan# 813

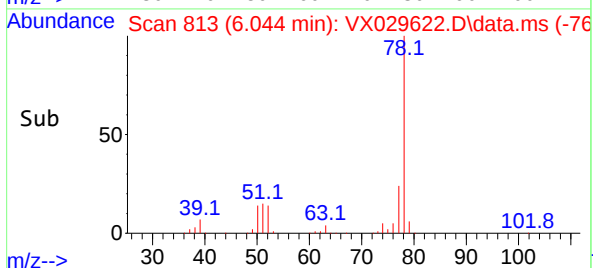
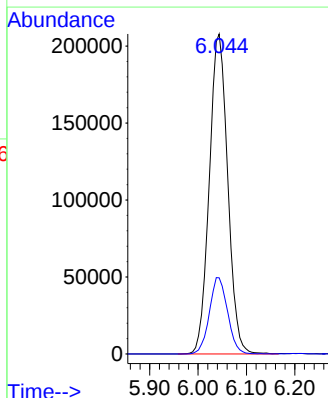
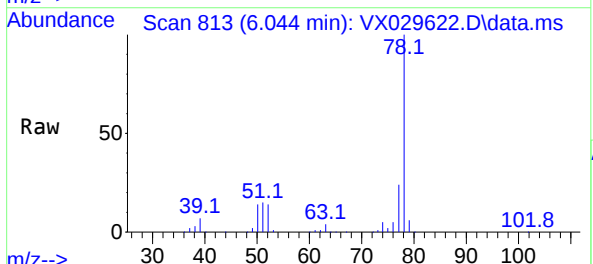
Delta R.T. -0.000 min

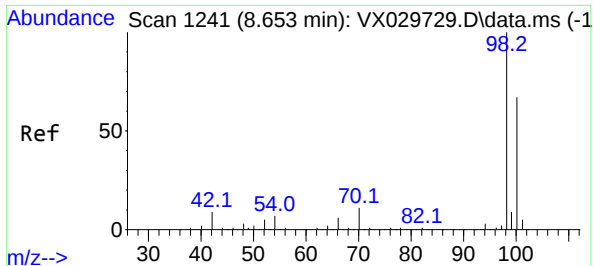
Lab File: VX029622.D

Acq: 20 Jun 2022 14:53

Tgt Ion: 78 Resp: 549980

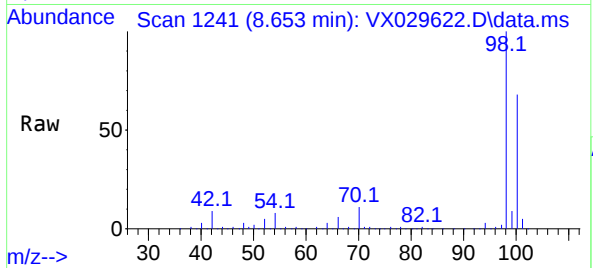
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#50
Toluene-d8
Concen: 47.795 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

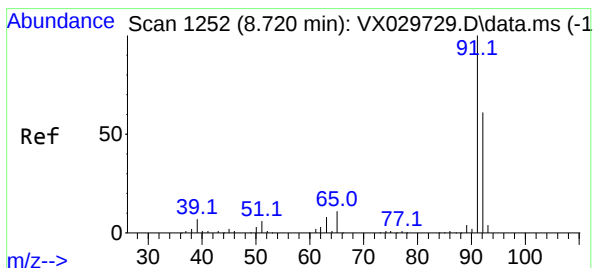
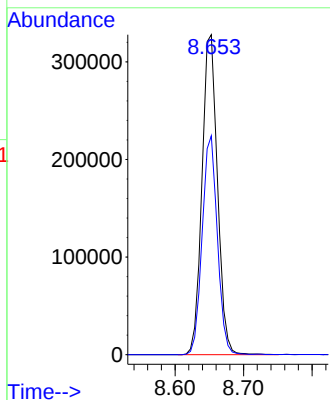
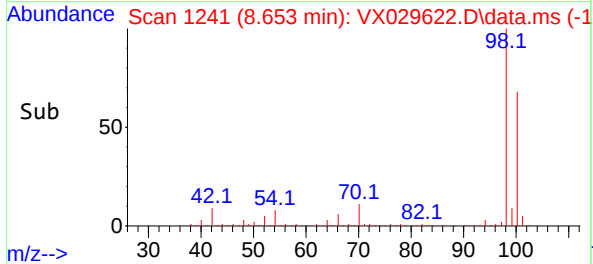
Instrument :
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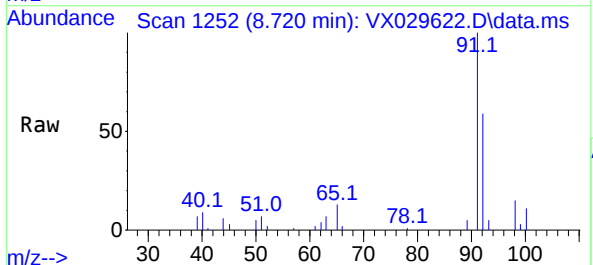
Tgt Ion: 98 Resp: 516618
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

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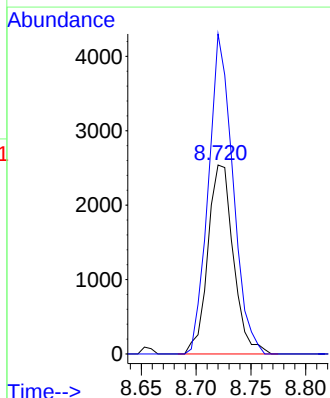
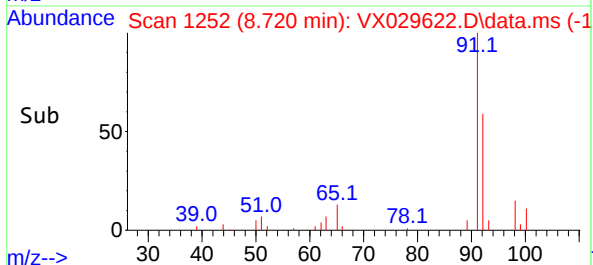
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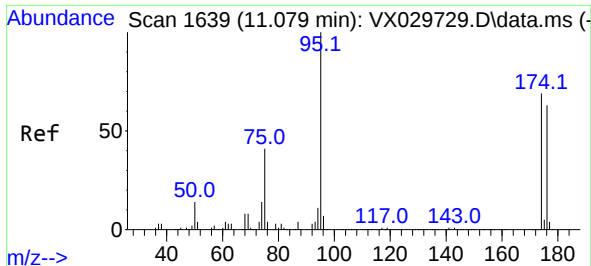


#52
Toluene
Concen: 0.542 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



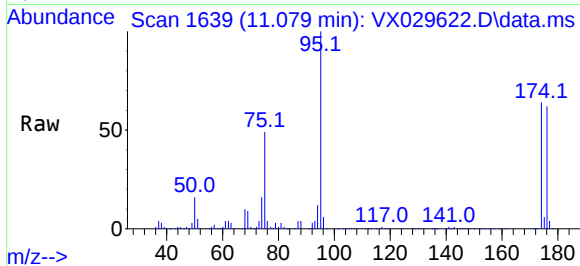
Tgt Ion: 92 Resp: 4117
Ion Ratio Lower Upper
92 100
91 162.5 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 46.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

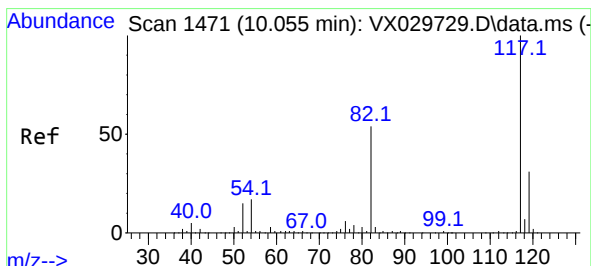
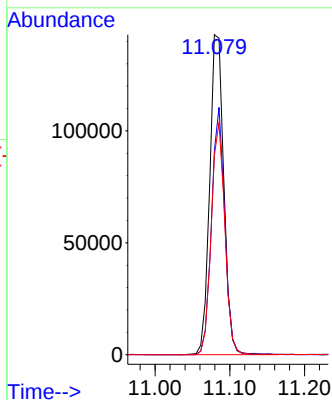
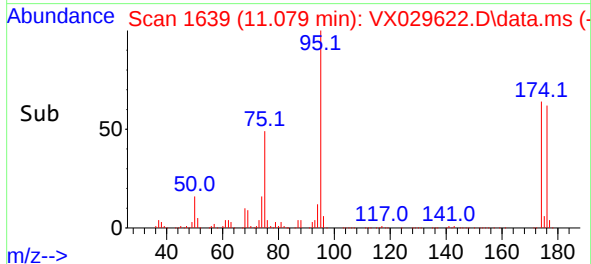
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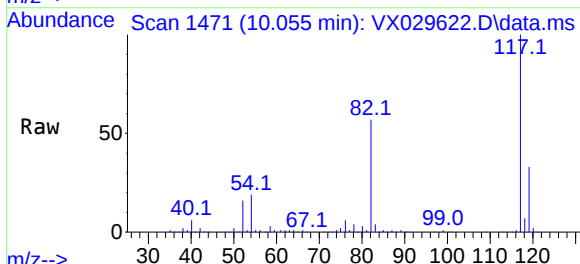
Tgt Ion: 95 Resp: 187648
Ion Ratio Lower Upper
95 100
174 72.0 0.0 163.0
176 69.4 0.0 155.0

Manual Integrations
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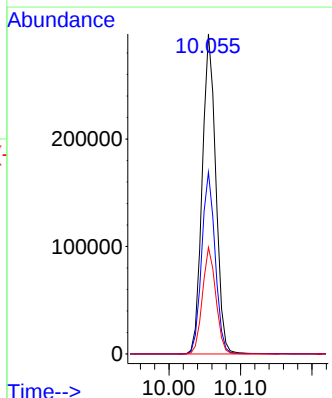
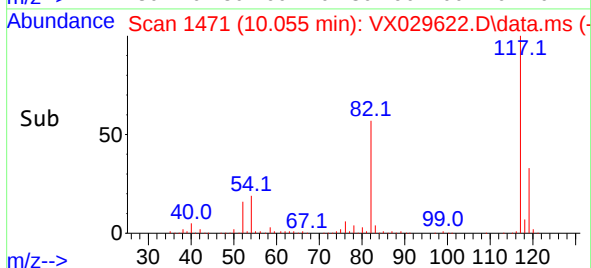
Reviewed By :John Carlone 06/21/2022
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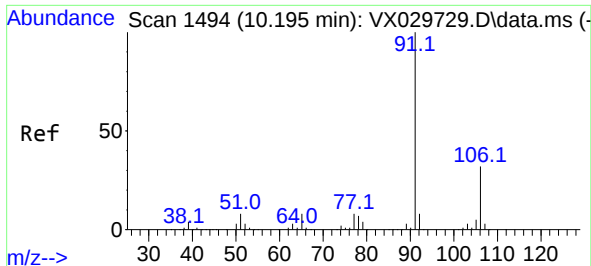


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



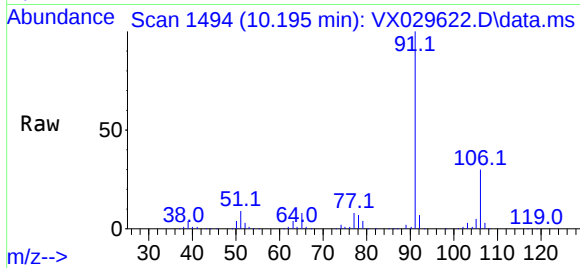
Tgt Ion:117 Resp: 393149
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 33.3 24.8 37.2





#67
Ethyl Benzene
Concen: 10.564 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

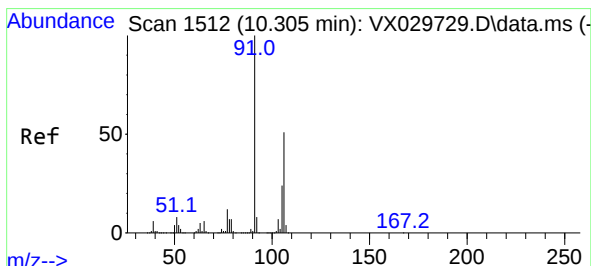
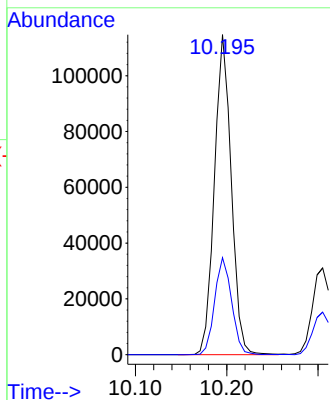
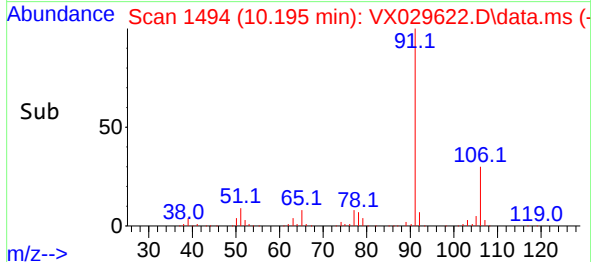
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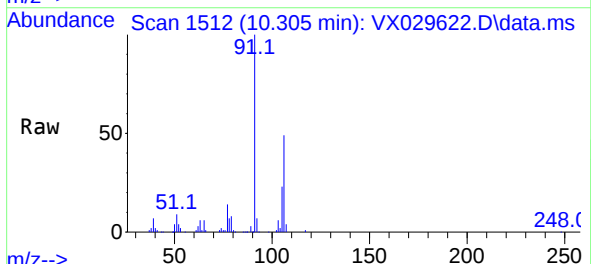
Tgt Ion: 91 Resp: 14660
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

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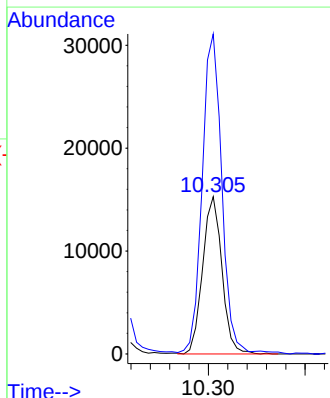
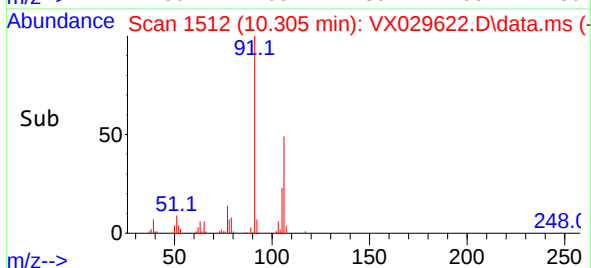
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

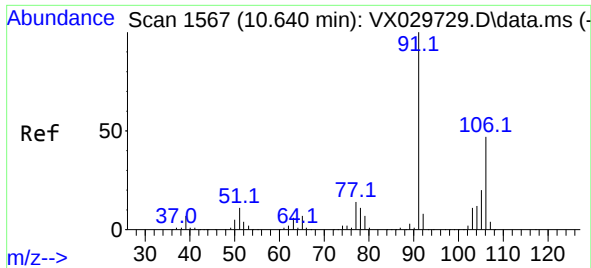


#68
m/p-Xylenes
Concen: 3.927 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



Tgt Ion:106 Resp: 21254
Ion Ratio Lower Upper
106 100
91 207.6 160.4 240.6





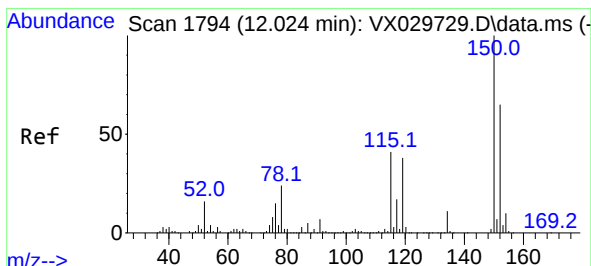
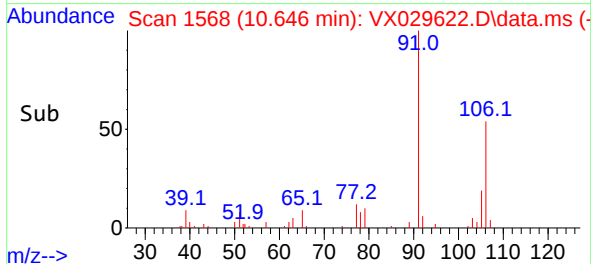
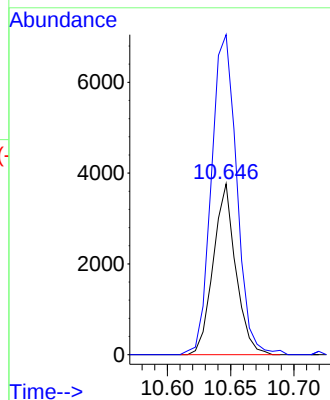
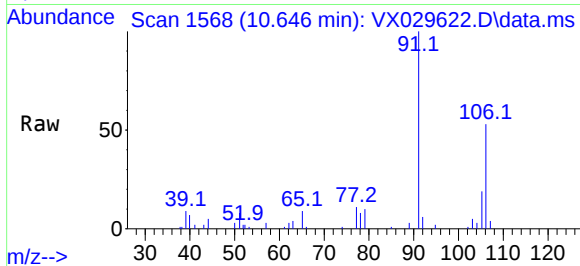
#69
o-Xylene
Concen: 0.870 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL

Tgt Ion:106 Resp: 465
Ion Ratio Lower Upper
106 100
91 210.6 106.1 318.1

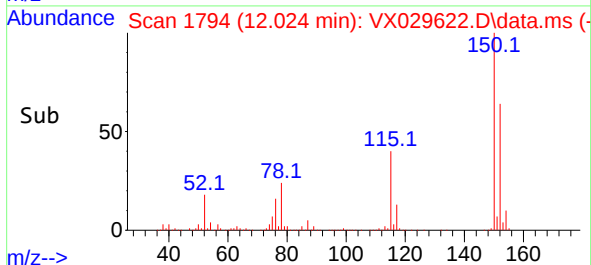
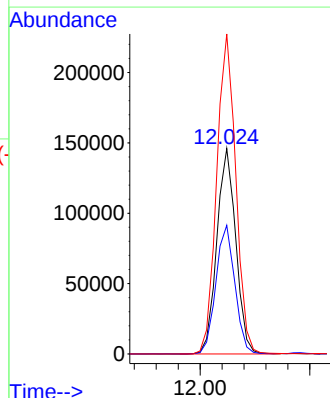
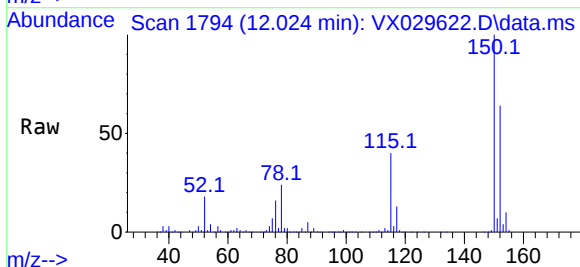
Manual Integrations
APPROVED

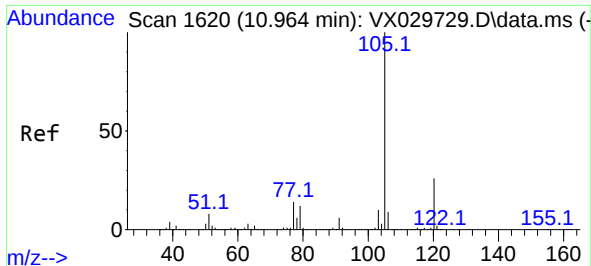
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

Tgt Ion:152 Resp: 175564
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.2 0.0 338.2





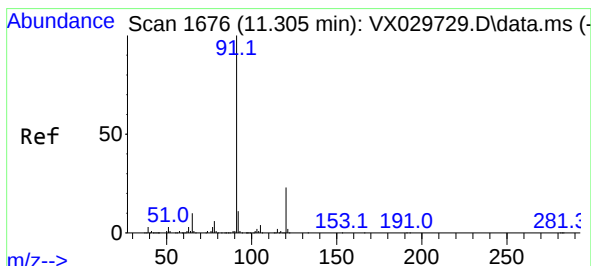
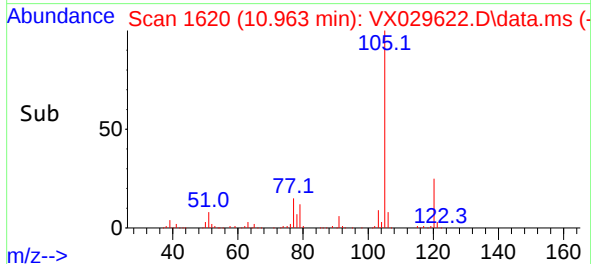
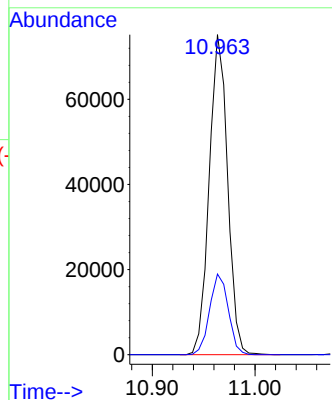
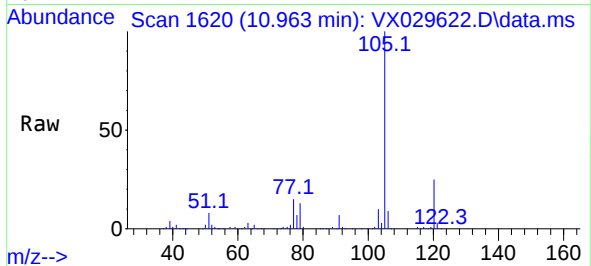
#73
Isopropylbenzene
Concen: 7.108 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL

Tgt Ion:105 Resp: 93560
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5

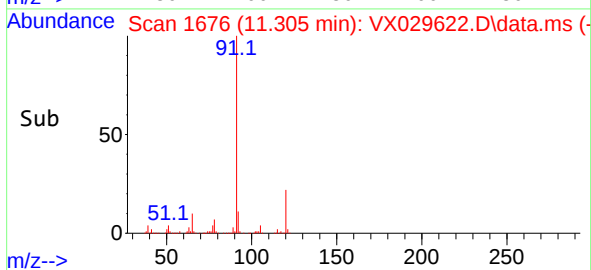
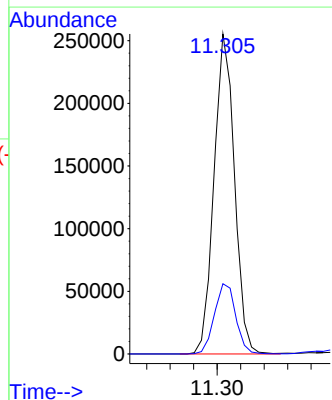
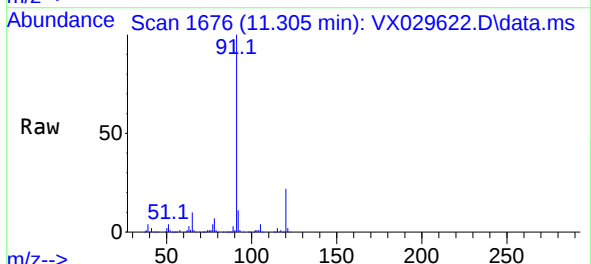
Manual Integrations
APPROVED

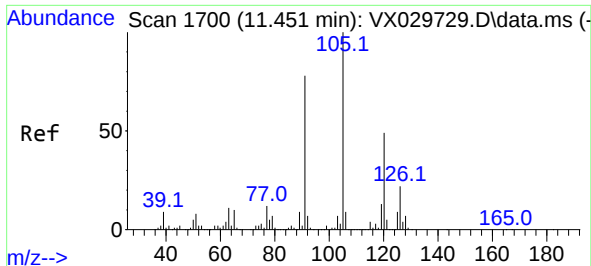
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#78
n-propylbenzene
Concen: 20.820 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

Tgt Ion: 91 Resp: 308667
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





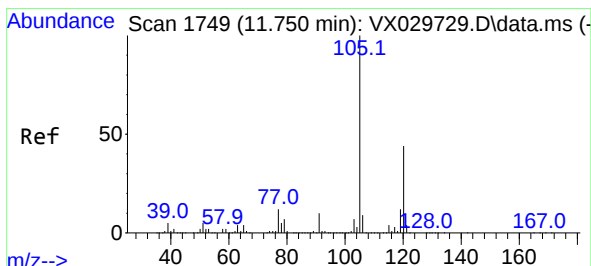
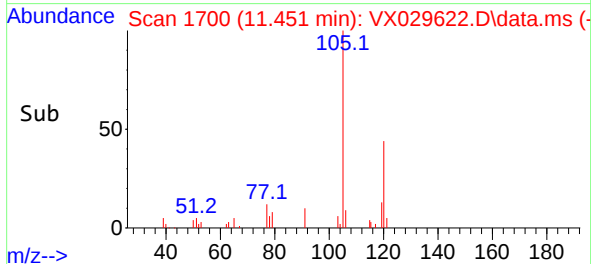
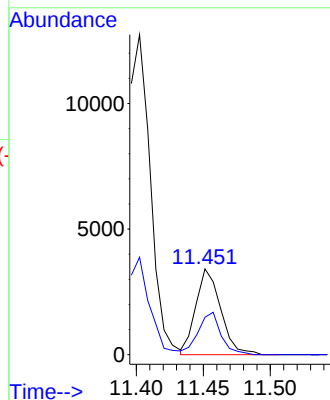
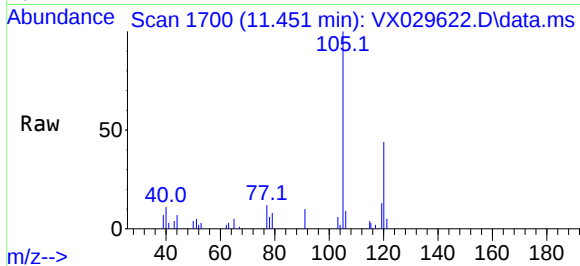
#80
1,3,5-Trimethylbenzene
Concen: 0.399 ug/l m
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL

Tgt Ion:105 Resp: 4420
Ion Ratio Lower Upper
105 100
120 155.7 24.3 72.9

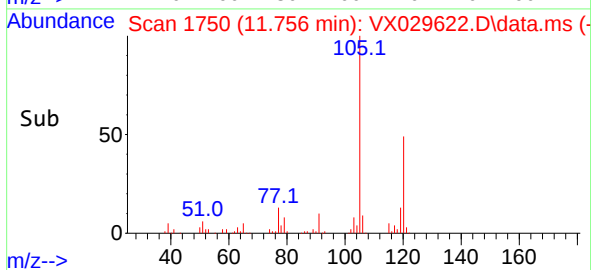
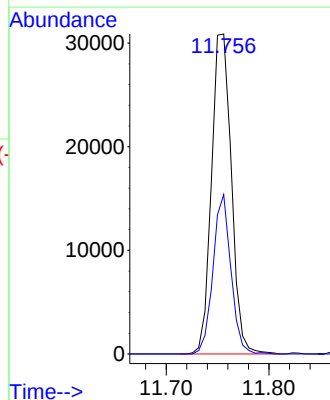
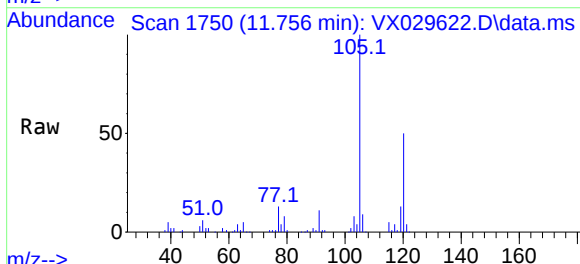
Manual Integrations
APPROVED

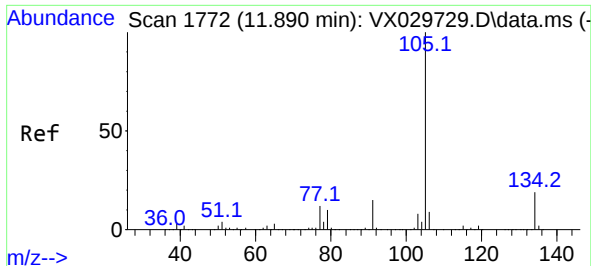
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 3.752 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

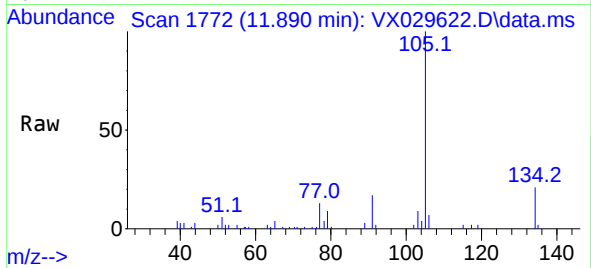
Tgt Ion:105 Resp: 41480
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.978 ug/l
RT: 11.890 min Scan# 11772
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53

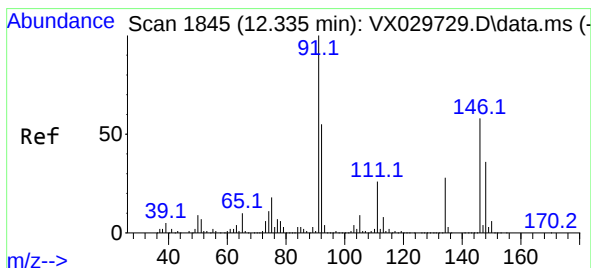
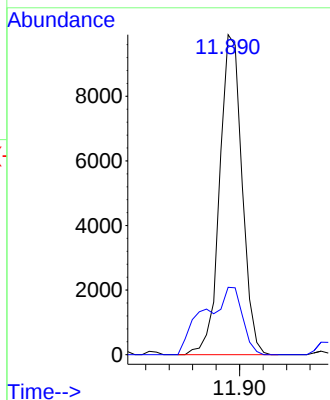
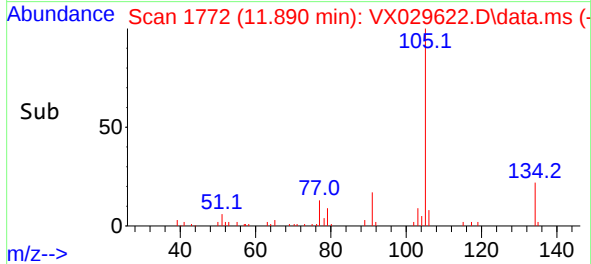
Instrument :
MSVOA_X
ClientSampleId :
MW-1ADL



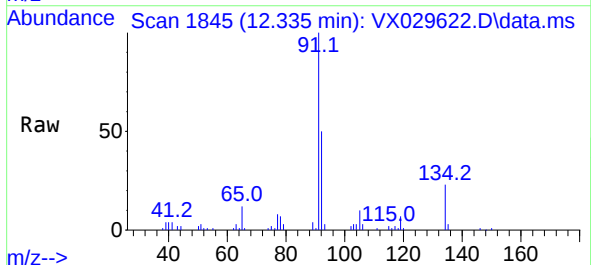
Tgt Ion:105 Resp: 13095
Ion Ratio Lower Upper
105 100
134 35.9 10.2 30.4

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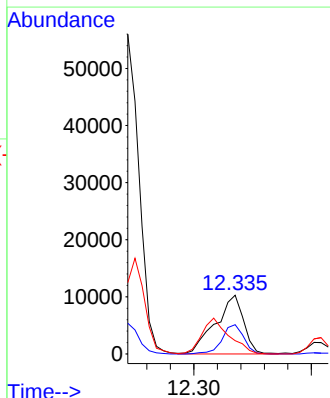
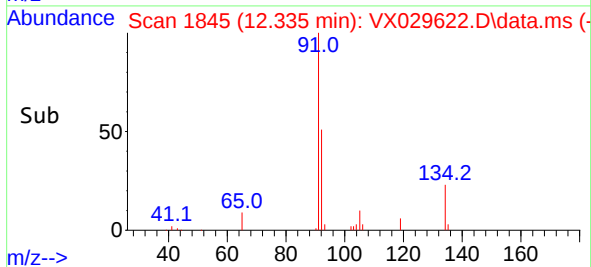
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

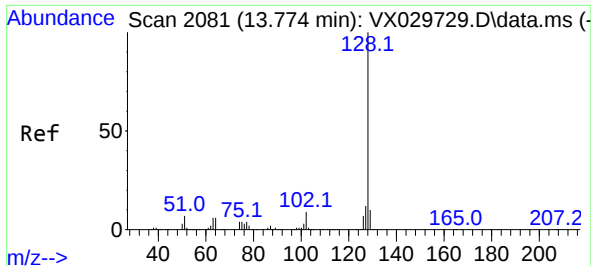


#89
n-Butylbenzene
Concen: 1.816 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029622.D
Acq: 20 Jun 2022 14:53



Tgt Ion: 91 Resp: 17191
Ion Ratio Lower Upper
91 100
92 38.2 27.8 83.3
134 59.1 13.3 39.8





#95

Naphthalene

Concen: 16.212 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX029622.D

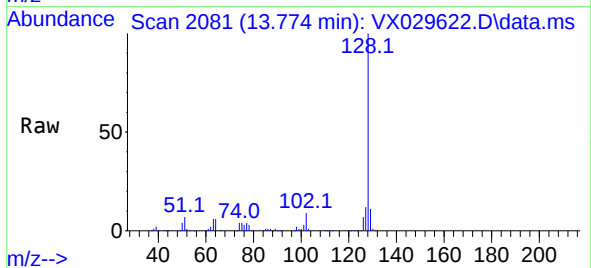
Acq: 20 Jun 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

MW-1ADL



Tgt Ion:128 Resp: 199648

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/23/2022

