

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032995.D
 Acq On : 22 Nov 2022 21:50
 Operator : JC/MD
 Sample : N5741-19 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:51:25 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	119220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61812	53.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.520%			
35) Dibromofluoromethane	5.391	113	50241	45.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.920%			
50) Toluene-d8	8.653	98	157997	47.953	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.079	95	78127	54.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.008	59	4127m	22.424	ug/l	
19) Methyl tert-butyl Ether	3.117	73	4750	1.316	ug/l #	1
31) Cyclohexane	5.471	56	5307	2.821	ug/l	93
39) Methylcyclohexane	7.379	83	4861	2.438	ug/l	89
40) Benzene	6.038	78	235214	48.001	ug/l	97
52) Toluene	8.720	92	511961	158.804	ug/l	99
67) Ethyl Benzene	10.195	91	756618	122.737	ug/l	100
68) m/p-Xylenes	10.299	106	960209	397.772	ug/l	99
69) o-Xylene	10.640	106	499014	213.648	ug/l	99
73) Isopropylbenzene	10.964	105	29833	4.550	ug/l	98
78) n-propylbenzene	11.305	91	92223	12.301	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	121049	21.974	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	533709	97.166	ug/l	100
85) sec-Butylbenzene	11.890	105	4315m	0.658	ug/l	
86) p-Isopropyltoluene	12.012	119	2626	0.472	ug/l #	74
95) Naphthalene	13.774	128	236196	40.253	ug/l	100

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

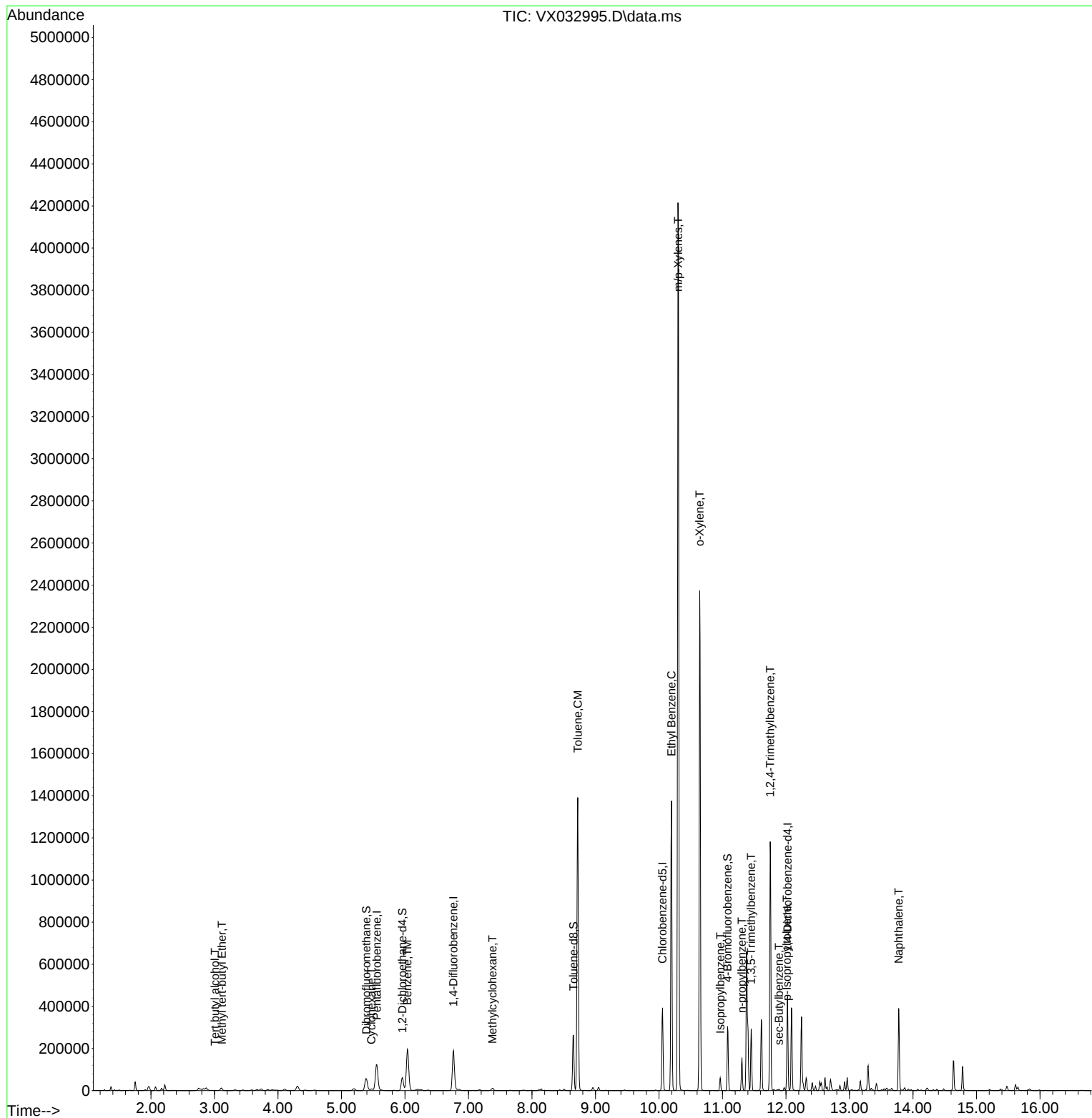
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032995.D
Acq On : 22 Nov 2022 21:50
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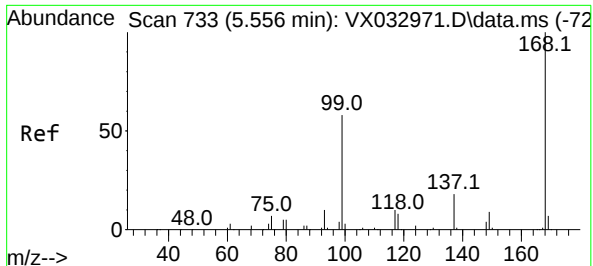
Instrument :
MSVOA_X
ClientSampleId :
MW-39

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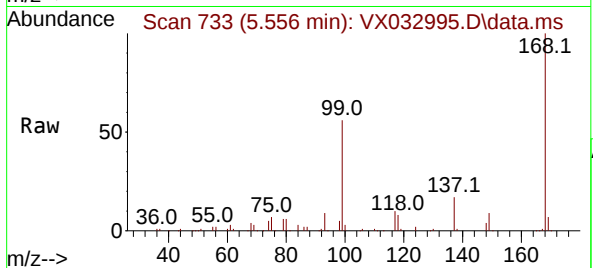
Quant Time: Nov 23 05:51:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

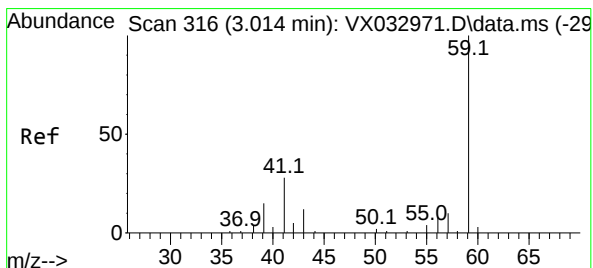
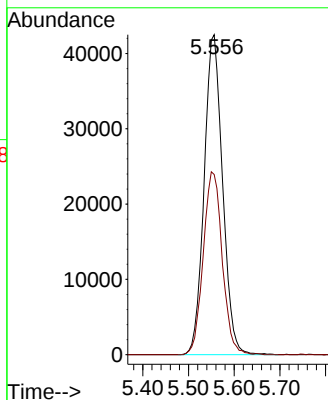
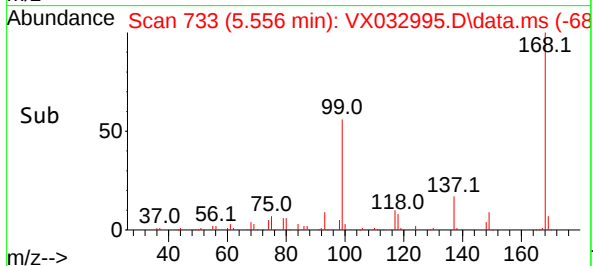
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion:168 Resp: 119220
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1

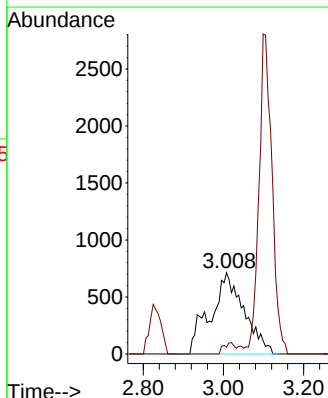
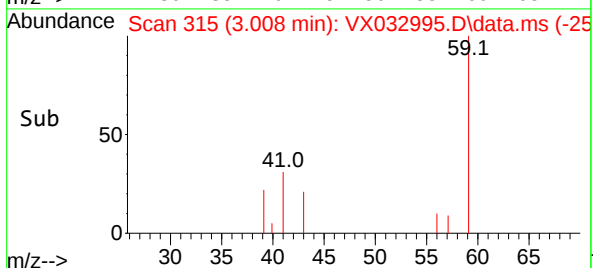
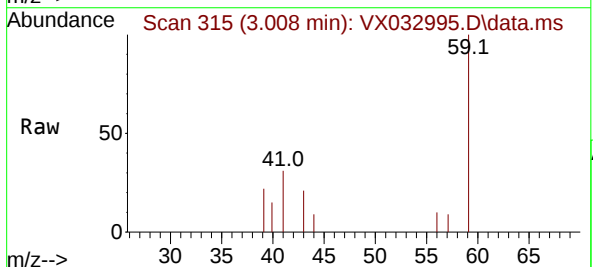
Manual Integrations
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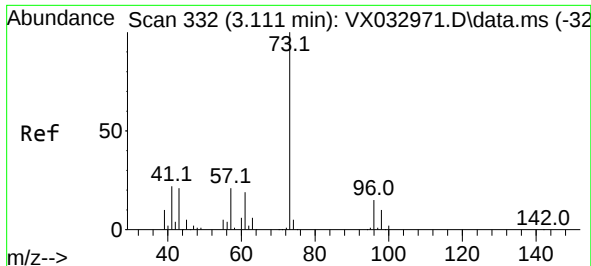
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#11
Tert butyl alcohol
Concen: 22.424 ug/l m
RT: 3.008 min Scan# 315
Delta R.T. 0.043 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

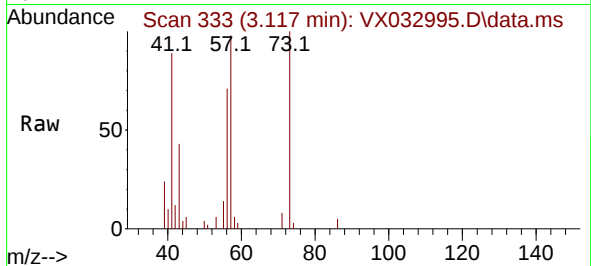
Tgt Ion: 59 Resp: 4127
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#19
Methyl tert-butyl Ether
Concen: 1.316 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

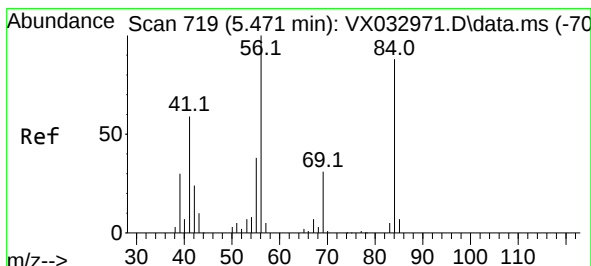
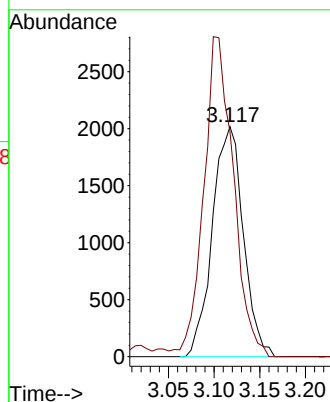
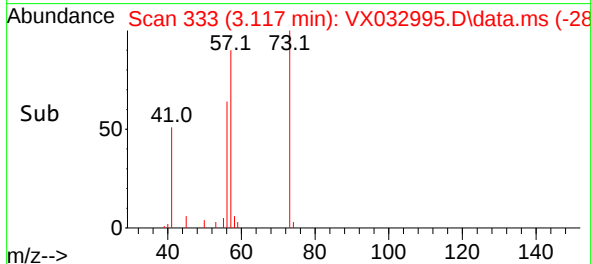
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion: 73 Resp: 4750
Ion Ratio Lower Upper
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57 97.9 16.6 25.0

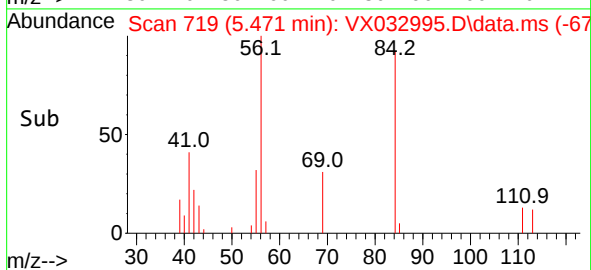
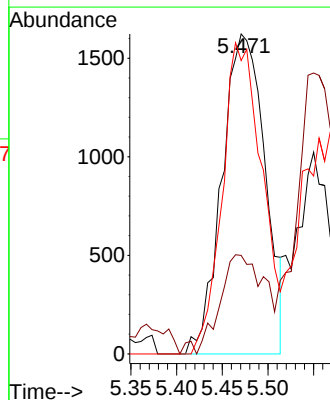
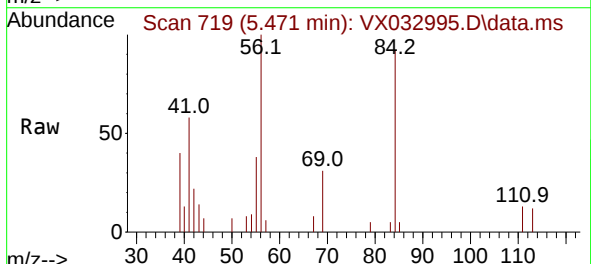
Manual Integrations
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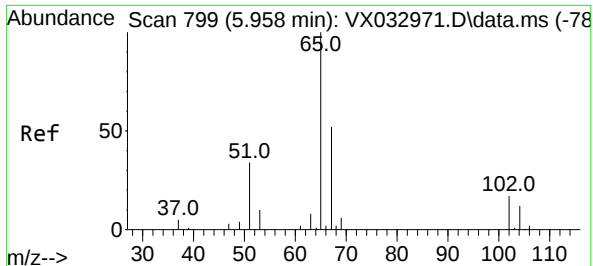
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#31
Cyclohexane
Concen: 2.821 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

Tgt Ion: 56 Resp: 5307
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 91.7 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.264 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032995.D

Acq: 22 Nov 2022 21:50

Instrument :

MSVOA_X

ClientSampleId :

MW-39

Tgt Ion: 65 Resp: 6181

Ion Ratio Lower Upper

65 100

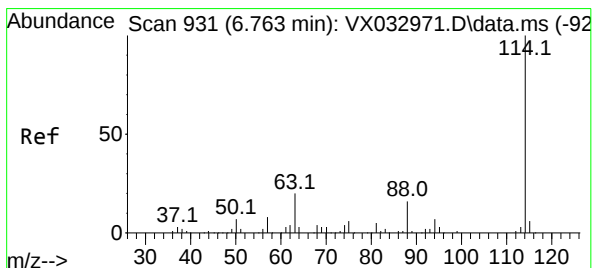
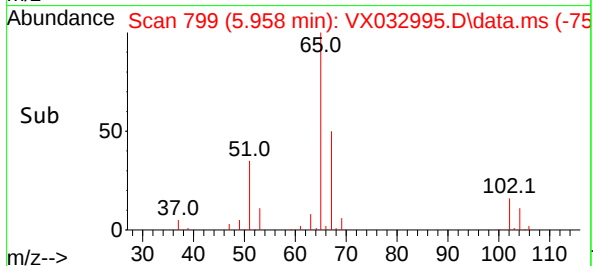
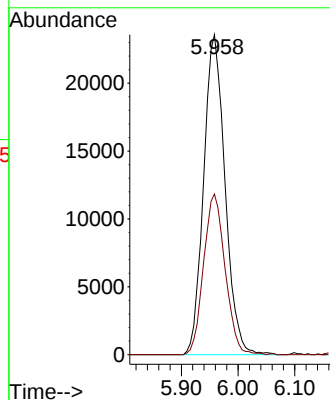
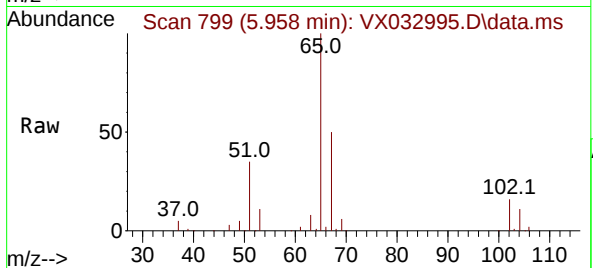
67 50.5 0.0 101.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032995.D

Acq: 22 Nov 2022 21:50

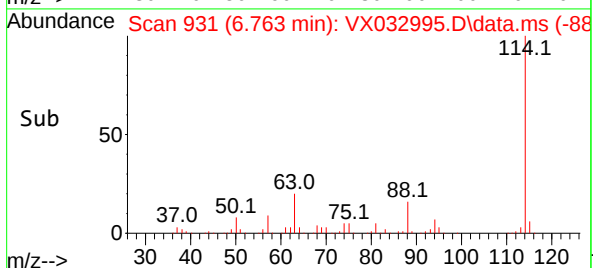
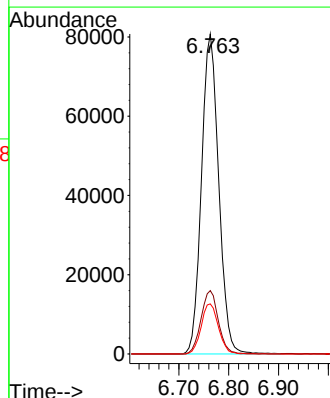
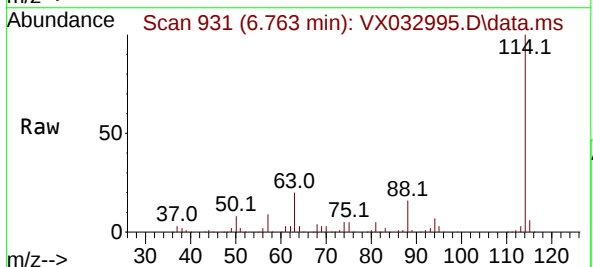
Tgt Ion:114 Resp: 193883

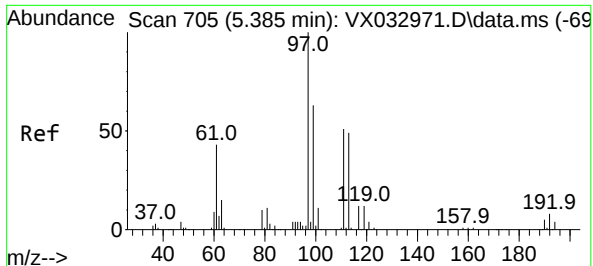
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

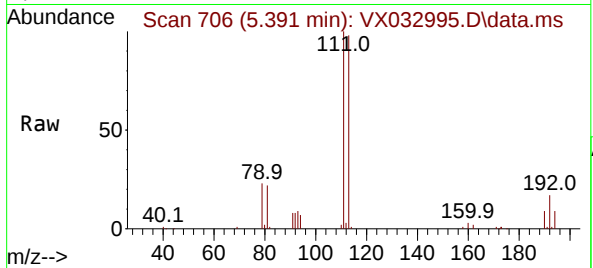
88 15.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

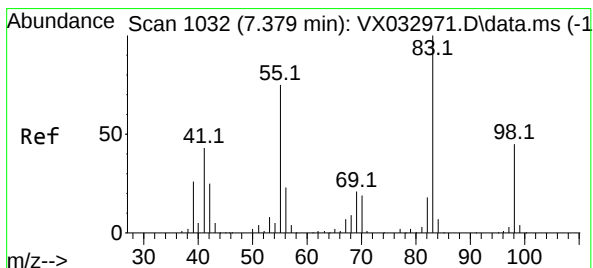
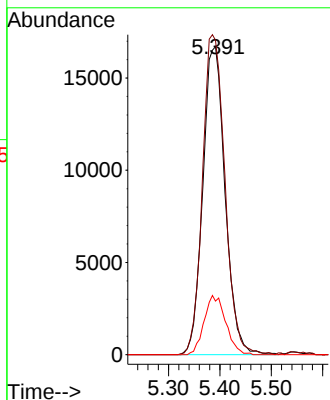
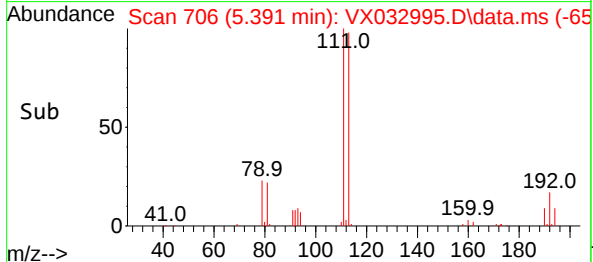
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion: 113 Resp: 5024
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 18.6 15.4 23.2

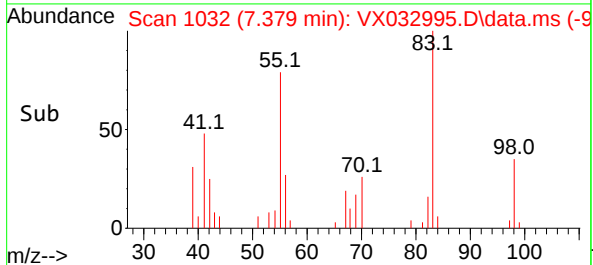
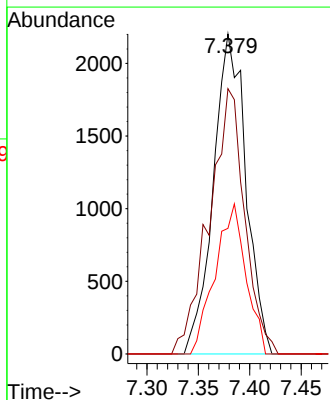
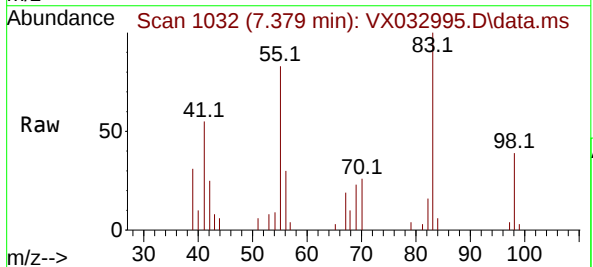
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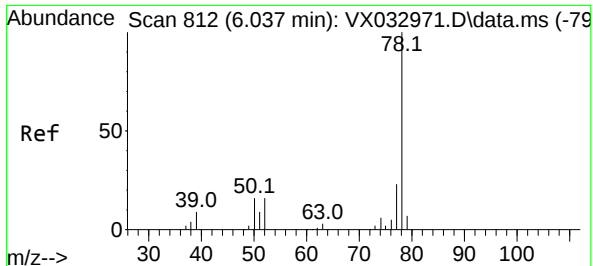
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#39
Methylcyclohexane
Concen: 2.438 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

Tgt Ion: 83 Resp: 4861
Ion Ratio Lower Upper
83 100
55 82.9 58.4 87.6
98 39.3 37.2 55.8





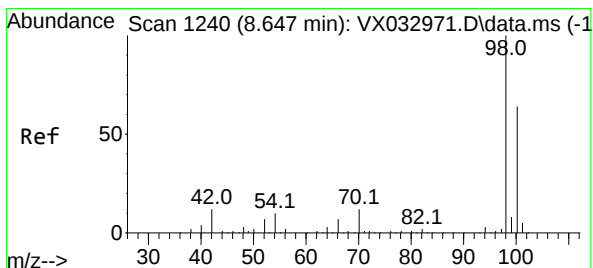
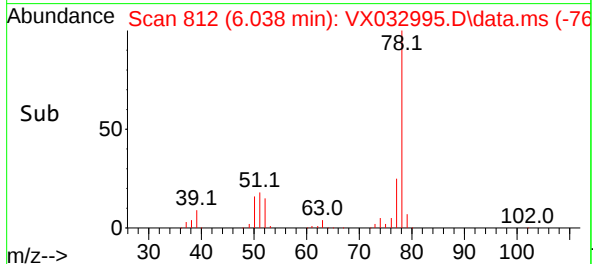
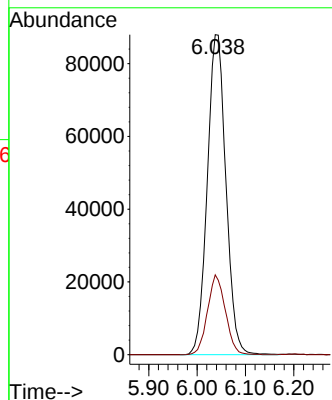
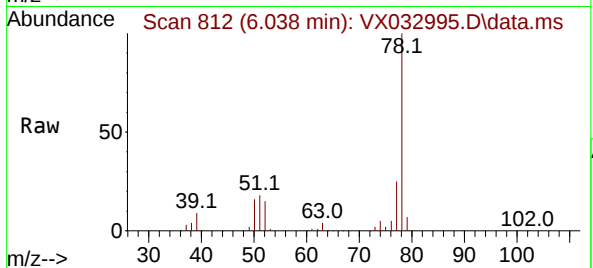
#40
Benzene
Concen: 48.001 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

Instrument :
MSVOA_X
ClientSampleId :
MW-39

Tgt Ion: 78 Resp: 235214
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4

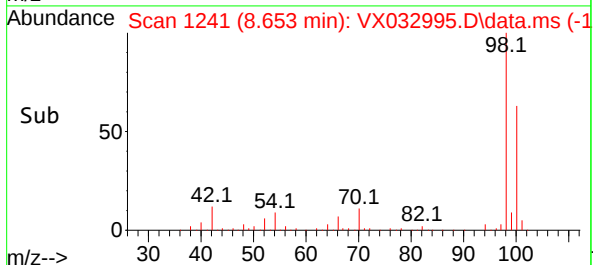
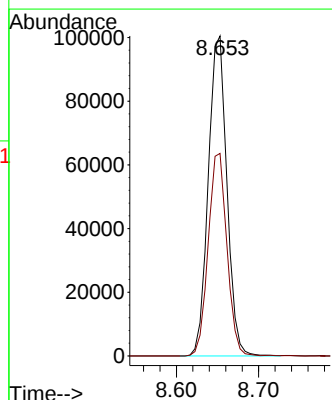
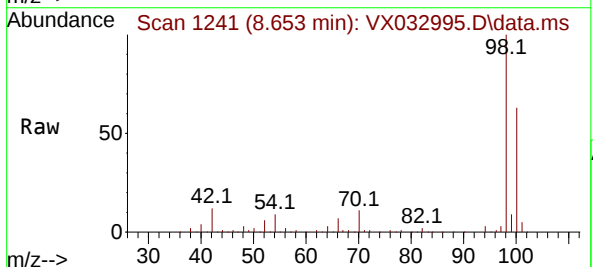
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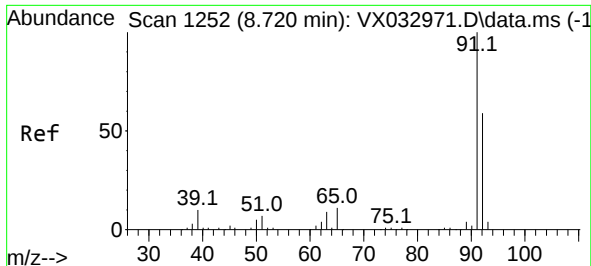
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#50
Toluene-d8
Concen: 47.953 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

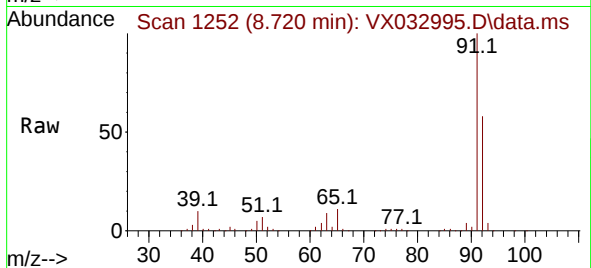
Tgt Ion: 98 Resp: 157997
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#52
Toluene
Concen: 158.804 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

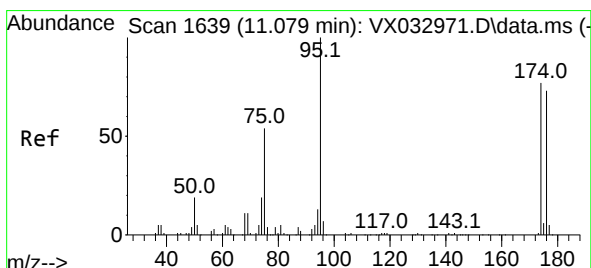
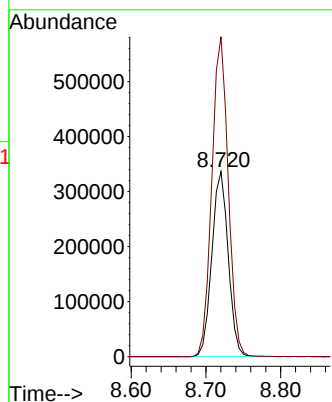
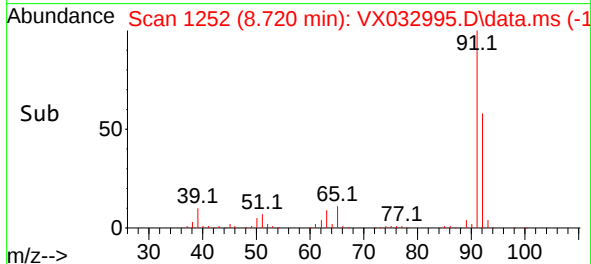
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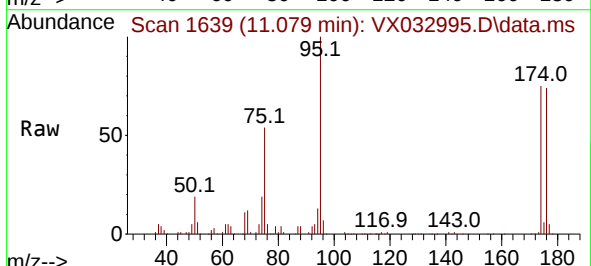
Tgt Ion: 92 Resp: 51196
Ion Ratio Lower Upper
92 100
91 173.7 138.3 207.5

Manual Integrations
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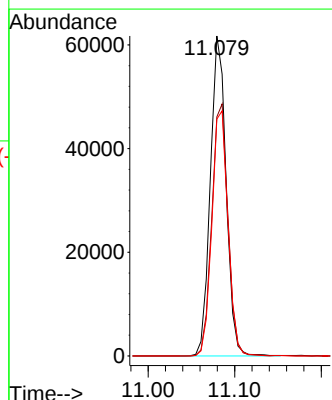
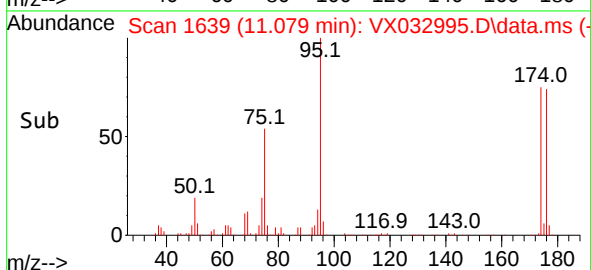
Reviewed By :John Carlone 11/23/2022
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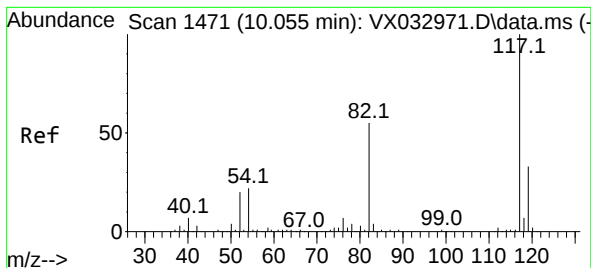


#62
4-Bromofluorobenzene
Concen: 54.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50



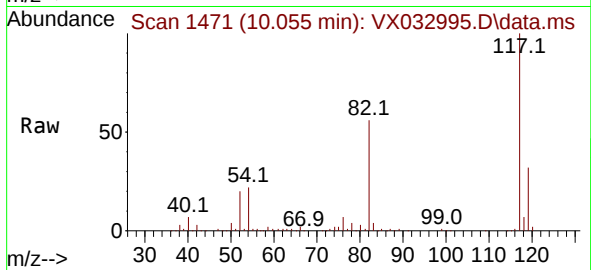
Tgt Ion: 95 Resp: 78127
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 78.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

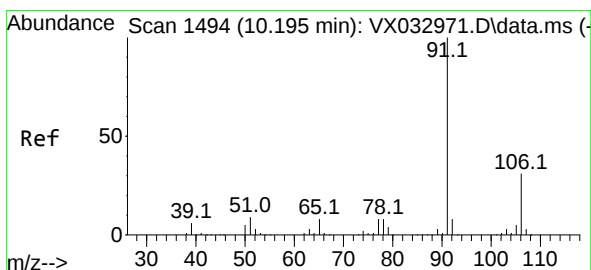
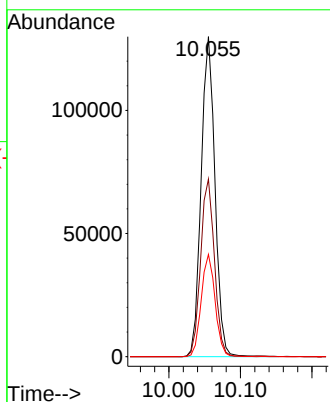
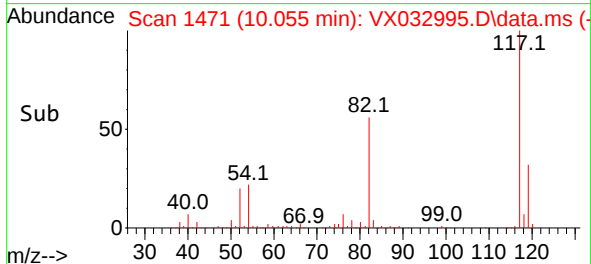
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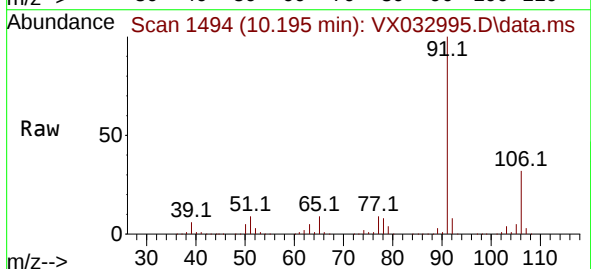
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Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.9 25.7 38.5

Manual Integrations
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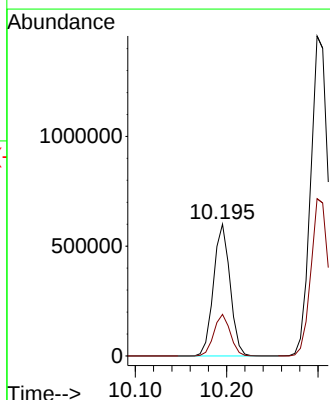
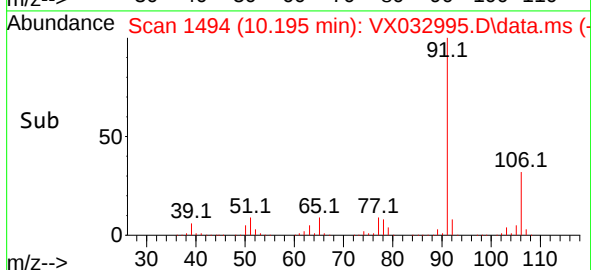
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

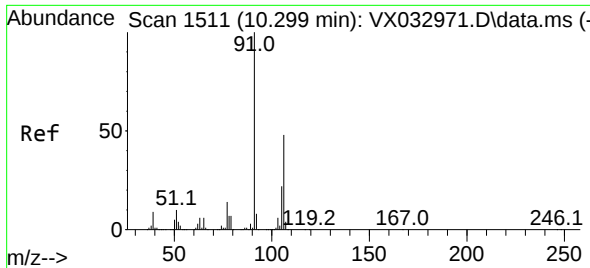


#67
Ethyl Benzene
Concen: 122.737 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50



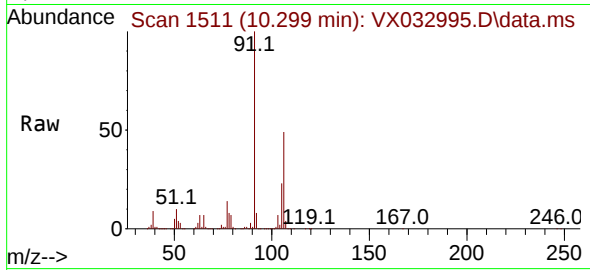
Tgt Ion: 91 Resp: 756618
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6





#68
m/p-Xylenes
Concen: 397.772 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

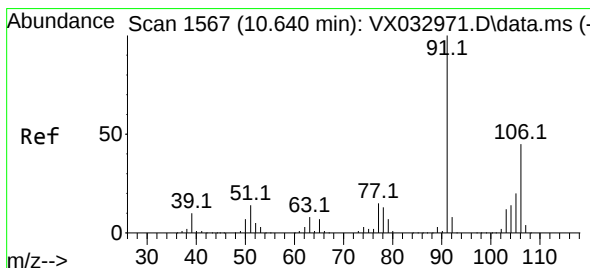
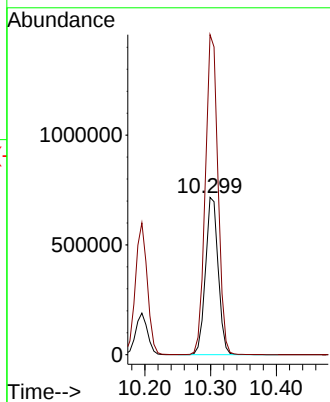
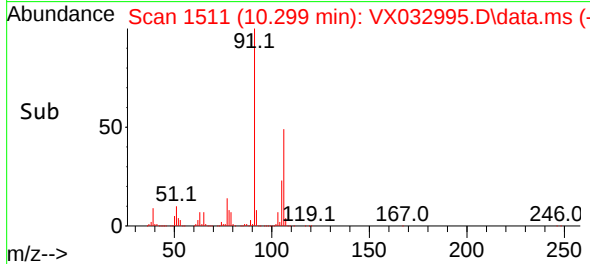
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion:106 Resp: 960209
Ion Ratio Lower Upper
106 100
91 203.5 164.5 246.7

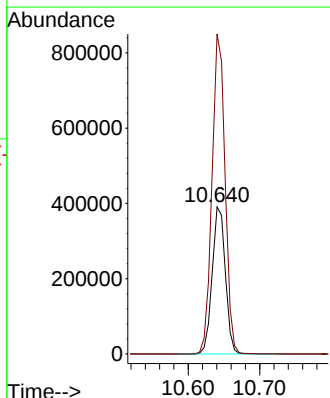
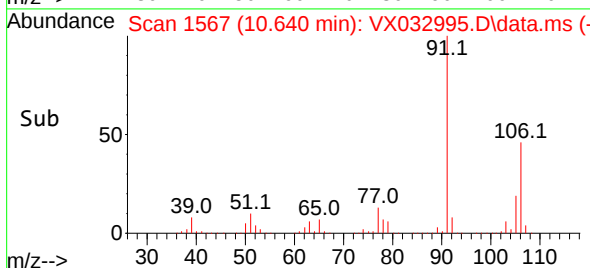
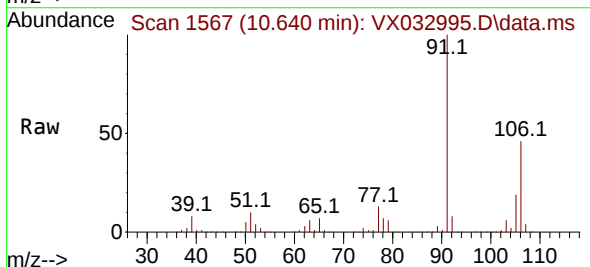
Manual Integrations
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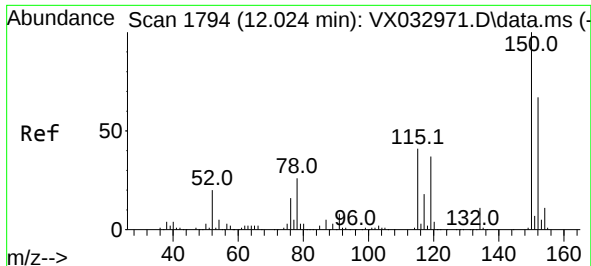
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#69
o-Xylene
Concen: 213.648 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

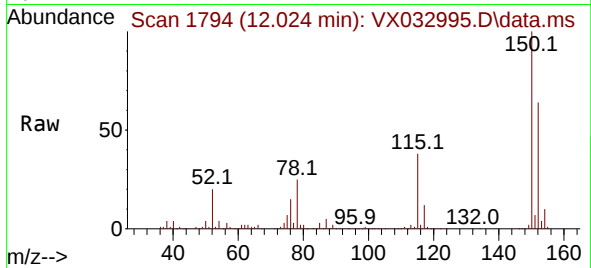
Tgt Ion:106 Resp: 499014
Ion Ratio Lower Upper
106 100
91 216.0 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

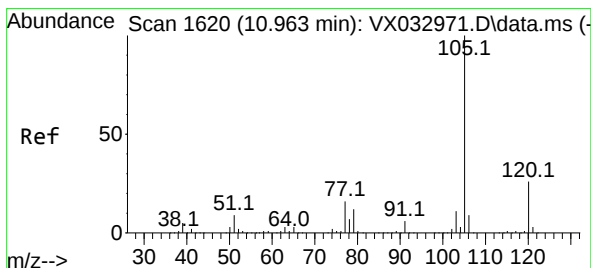
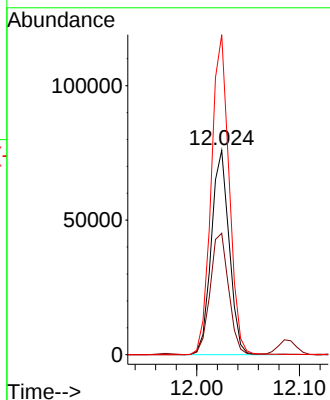
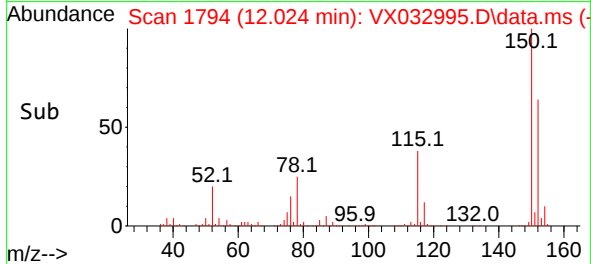
Instrument :
MSVOA_X
ClientSampleId :
MW-39



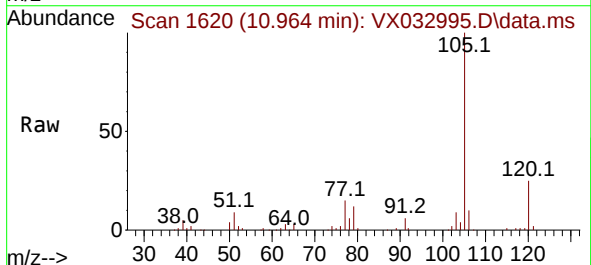
Tgt Ion:152 Resp: 91764
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 156.8 0.0 351.8

Manual Integrations
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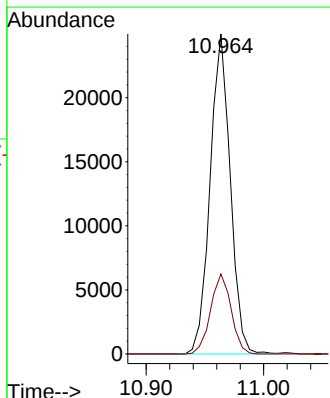
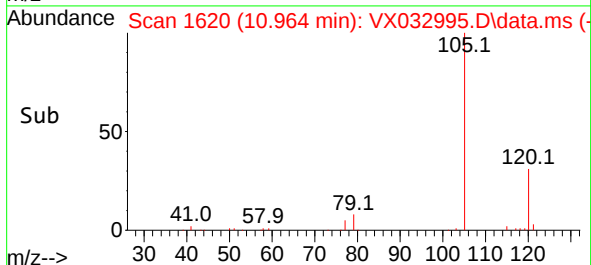
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

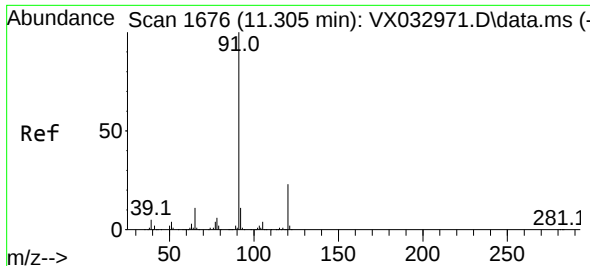


#73
Isopropylbenzene
Concen: 4.550 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50



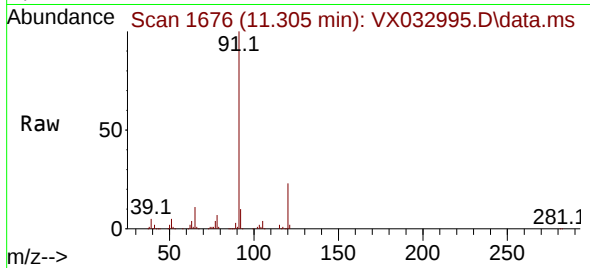
Tgt Ion:105 Resp: 29833
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.3





#78
n-propylbenzene
Concen: 12.301 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

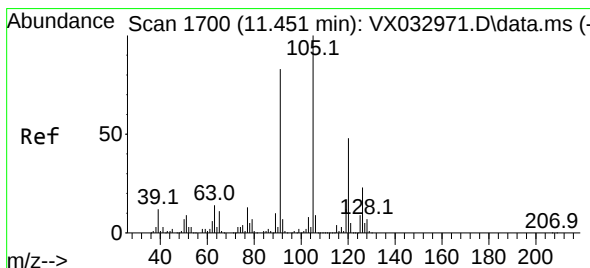
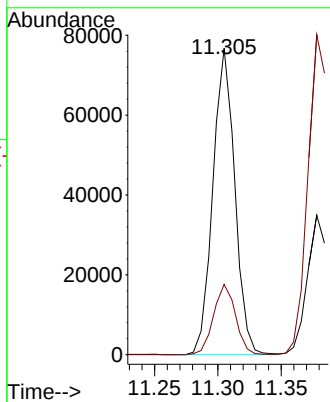
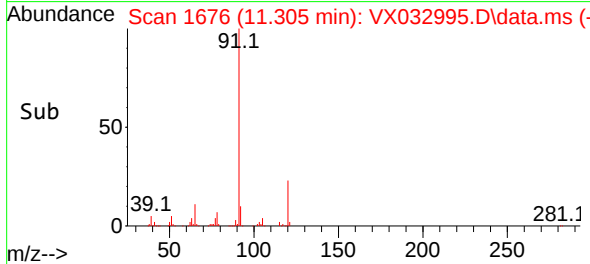
Instrument :
MSVOA_X
ClientSampleId :
MW-39



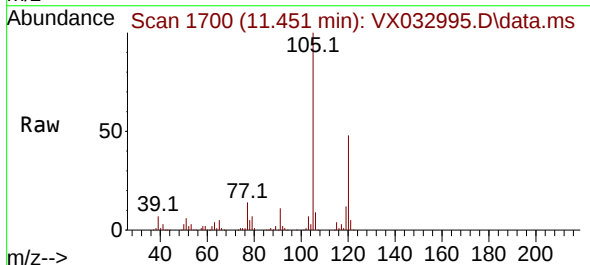
Tgt Ion: 91 Resp: 9222
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

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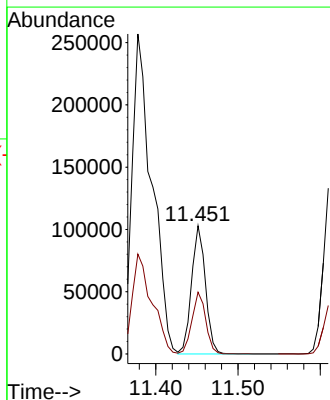
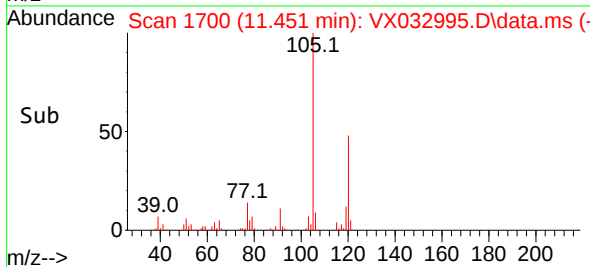
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

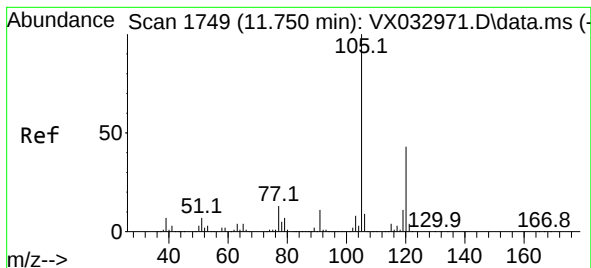


#80
1,3,5-Trimethylbenzene
Concen: 21.974 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50



Tgt Ion:105 Resp: 121049
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 97.166 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032995.D

Acq: 22 Nov 2022 21:50

Instrument :

MSVOA_X

ClientSampleId :

MW-39

Tgt Ion:105 Resp: 533709

Ion Ratio Lower Upper

105 100

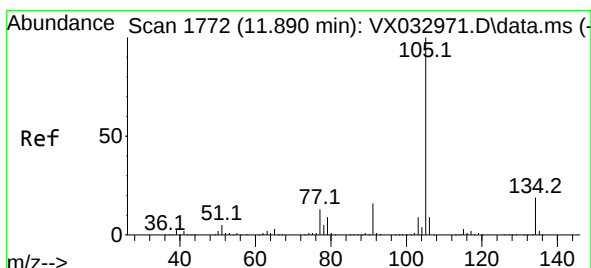
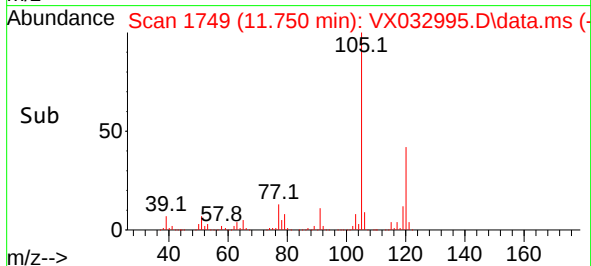
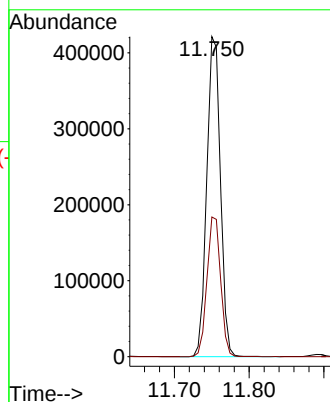
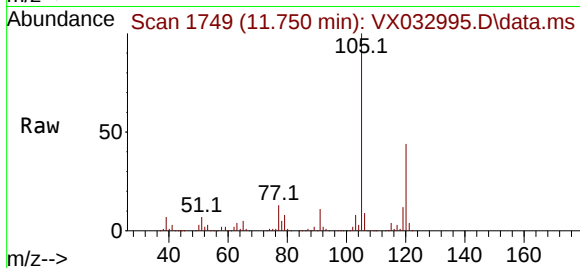
120 43.8 21.9 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#85

sec-Butylbenzene

Concen: 0.658 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032995.D

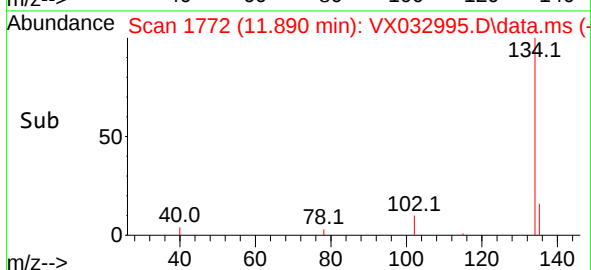
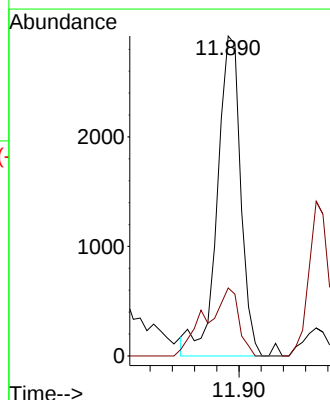
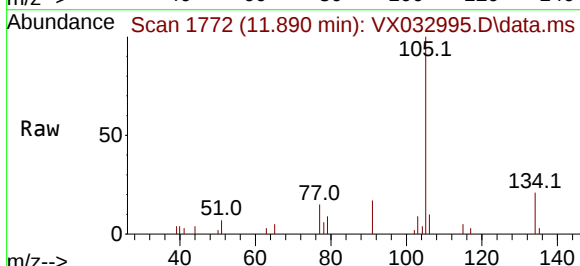
Acq: 22 Nov 2022 21:50

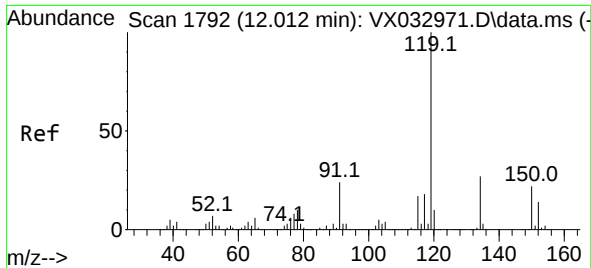
Tgt Ion:105 Resp: 4315

Ion Ratio Lower Upper

105 100

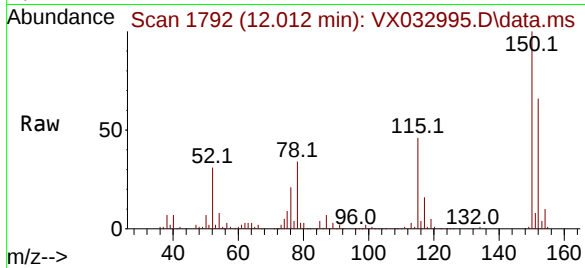
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 0.472 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50

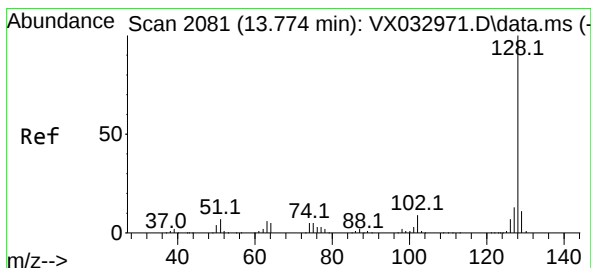
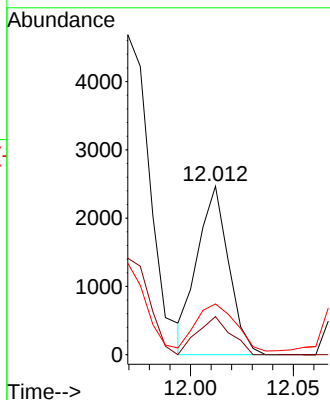
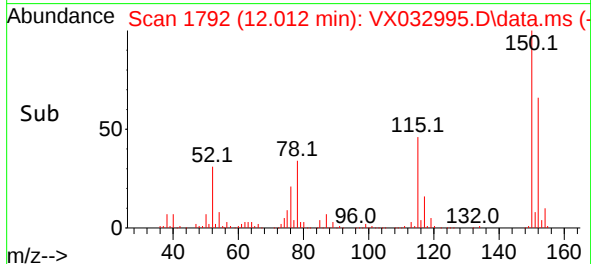
Instrument :
MSVOA_X
ClientSampleId :
MW-39



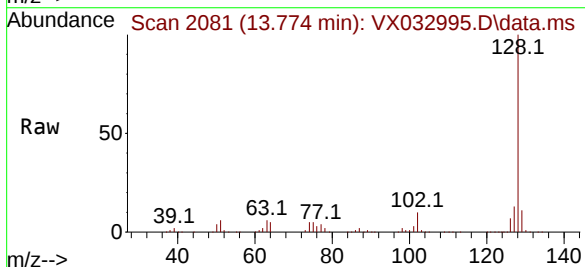
Tgt Ion:119 Resp: 2620
Ion Ratio Lower Upper
119 100
134 24.2 12.9 38.7
91 0.0 12.5 37.5

Manual Integrations
APPROVED

Reviewed By :John Carbone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#95
Naphthalene
Concen: 40.253 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032995.D
Acq: 22 Nov 2022 21:50



Tgt Ion:128 Resp: 236196
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3

