

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032666.D
 Acq On : 08 Nov 2022 19:53
 Operator : JC/MD
 Sample : N5504-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211LRE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	91331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	23389	18.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.860%#		
35) Dibromofluoromethane	5.391	113	20758	23.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	46.840%#		
50) Toluene-d8	8.653	98	143830	46.666	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.340%		
62) 4-Bromofluorobenzene	11.079	95	37345	31.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	62.040%#		
Target Compounds					Qvalue	
16) Acetone	2.380	43	44849	97.238	ug/l	100
25) 2-Butanone	4.574	43	3279	4.589	ug/l #	87
29) Tetrahydrofuran	5.031	42	1149	2.522	ug/l #	77
52) Toluene	8.720	92	4277	1.877	ug/l	96
67) Ethyl Benzene	10.195	91	10808	3.276	ug/l	100
68) m/p-Xylenes	10.305	106	25369	19.803	ug/l	100
69) o-Xylene	10.646	106	15404	12.367	ug/l	100
73) Isopropylbenzene	10.963	105	4004	1.419	ug/l	99
78) n-propylbenzene	11.305	91	12741	3.918	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	37969	15.740	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	158464	66.049	ug/l	99
85) sec-Butylbenzene	11.890	105	4233m	1.461	ug/l	
86) p-Isopropyltoluene	12.012	119	4017	1.634	ug/l	92
89) n-Butylbenzene	12.323	91	11868	5.548	ug/l #	20

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

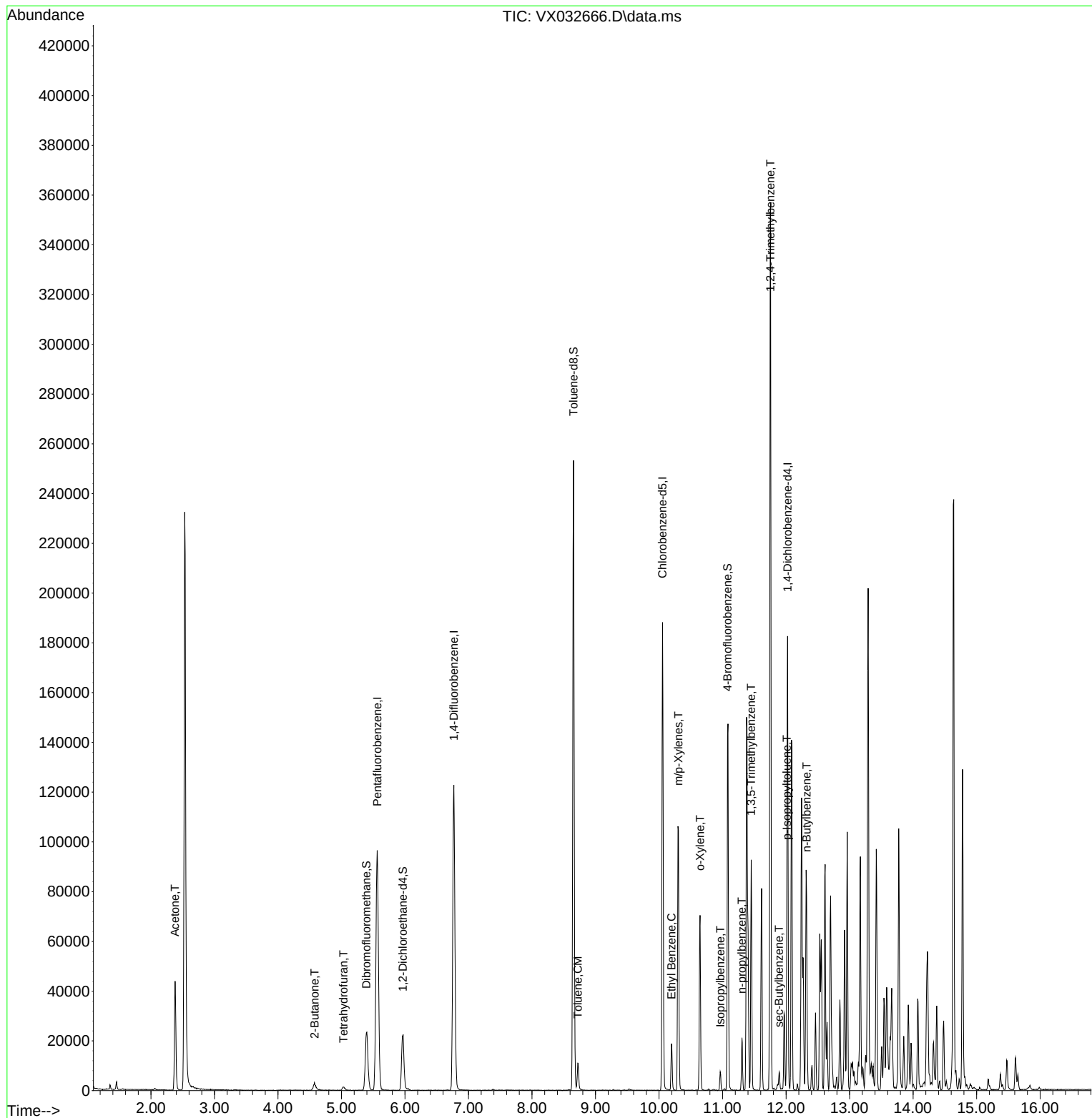
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
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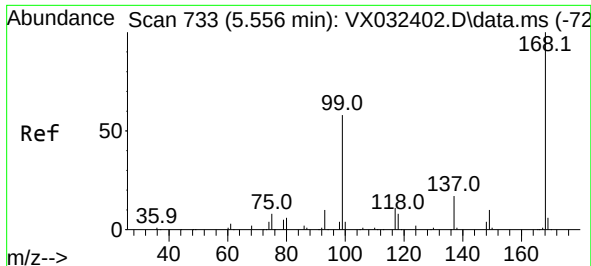
Instrument :
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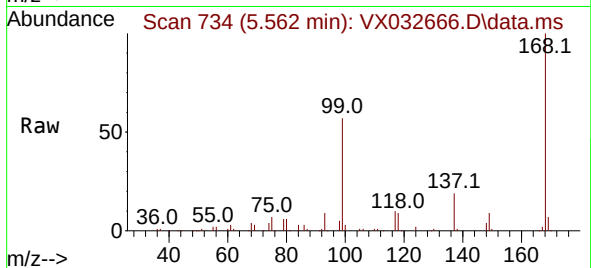
Quant Time: Nov 09 04:42:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

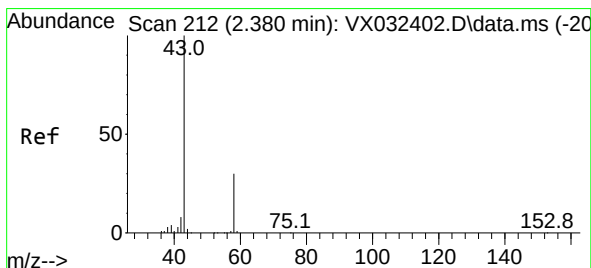
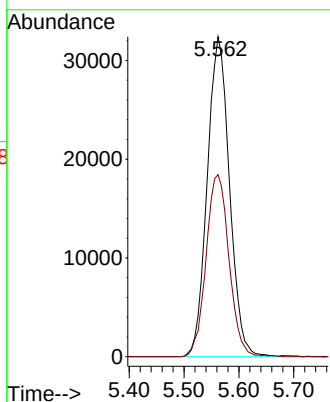
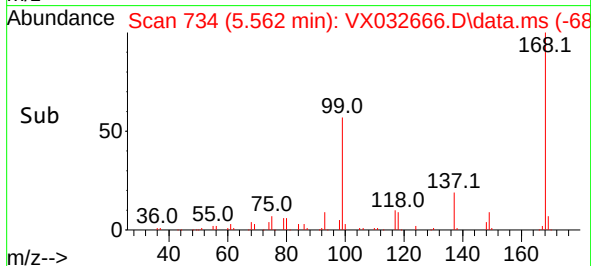
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



Tgt Ion:168 Resp: 9133
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1

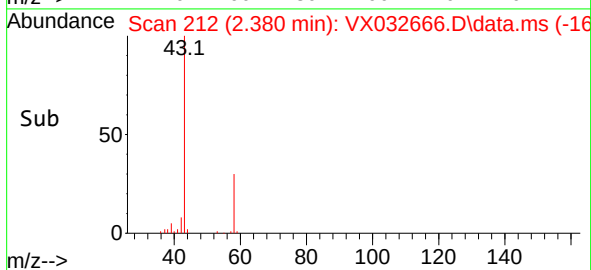
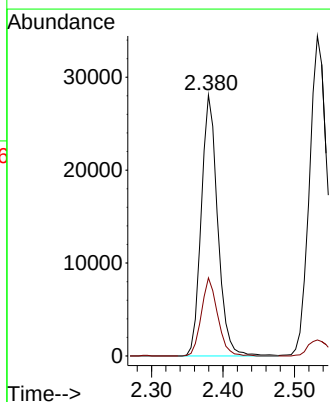
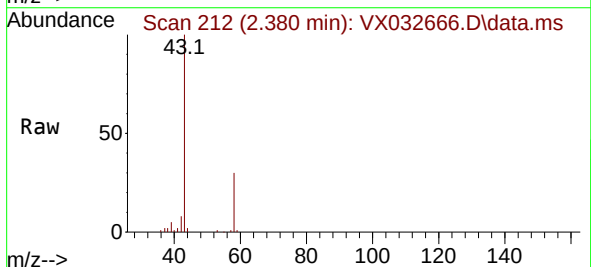
Manual Integrations
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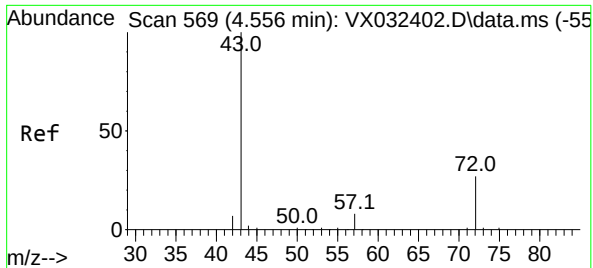
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#16
Acetone
Concen: 97.238 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Tgt Ion: 43 Resp: 44849
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.8





#25

2-Butanone

Concen: 4.589 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032666.D

Acq: 08 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

Tgt Ion: 43 Resp: 3279

Ion Ratio Lower Upper

43 100

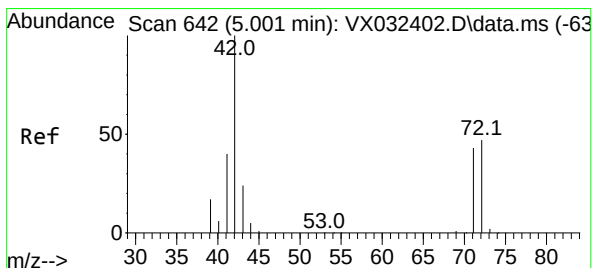
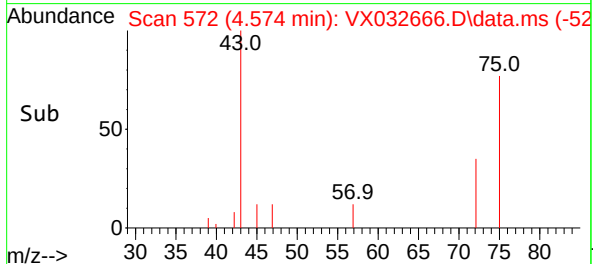
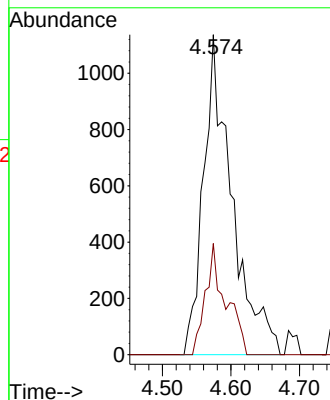
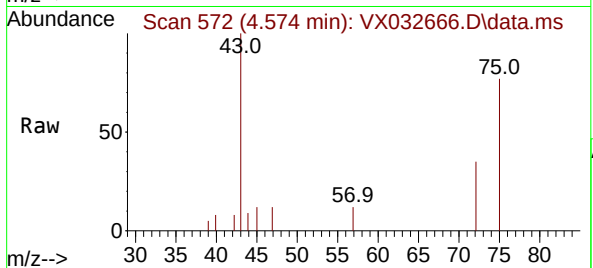
72 34.7 22.2 33.2

Manual Integrations

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#29

Tetrahydrofuran

Concen: 2.522 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX032666.D

Acq: 08 Nov 2022 19:53

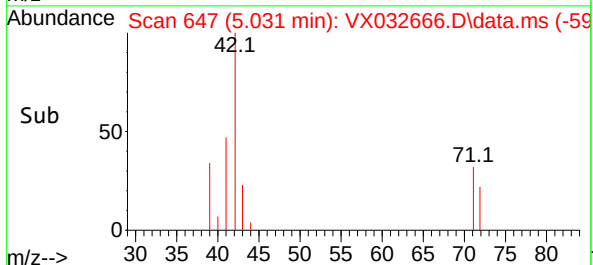
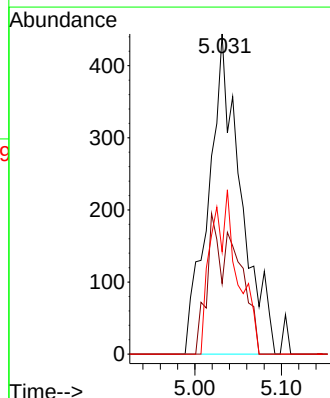
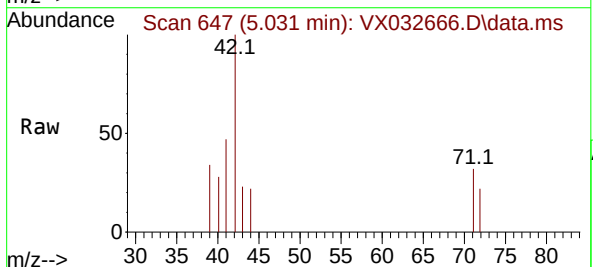
Tgt Ion: 42 Resp: 1149

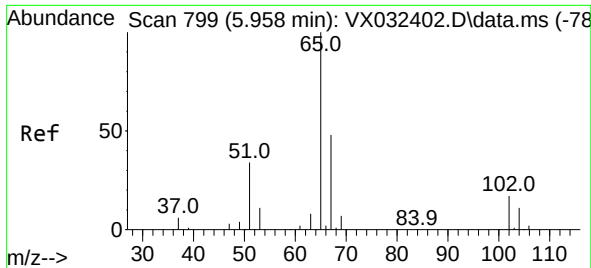
Ion Ratio Lower Upper

42 100

72 18.7 37.6 56.4

71 42.1 34.7 52.1





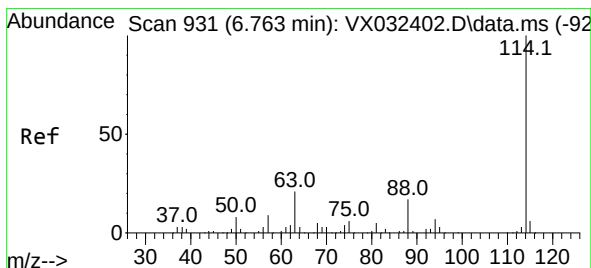
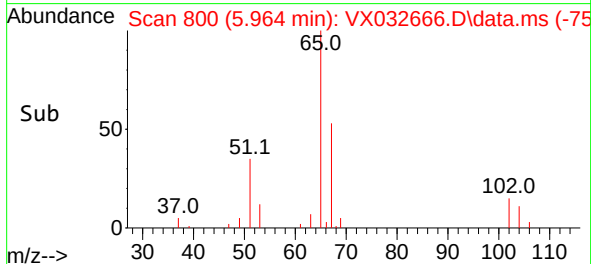
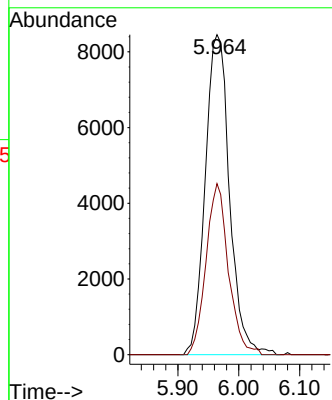
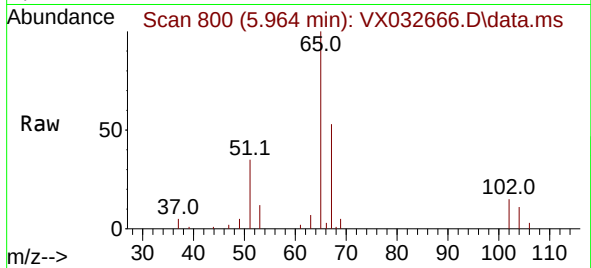
#33
1,2-Dichloroethane-d4
Concen: 18.431 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion: 65 Resp: 23389
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8

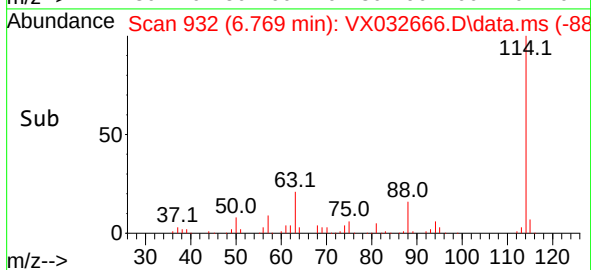
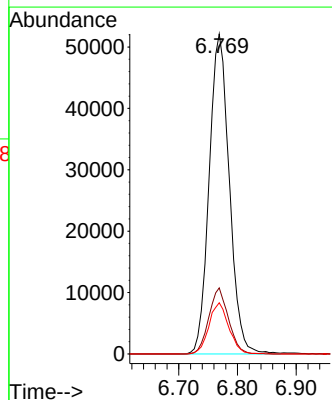
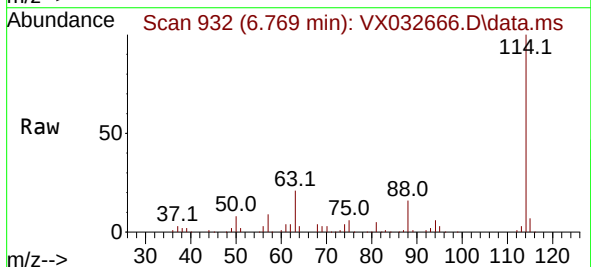
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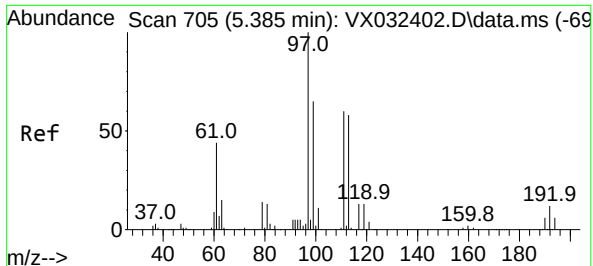
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Tgt Ion:114 Resp: 124262
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 23.419 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032666.D

Acq: 08 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

Tgt Ion:113 Resp: 20758

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

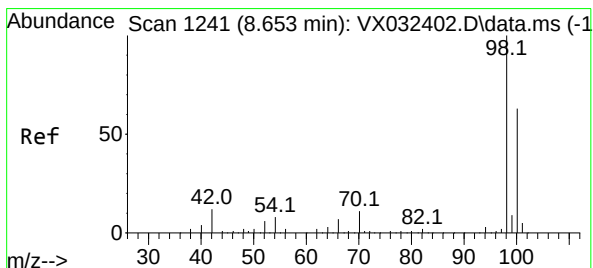
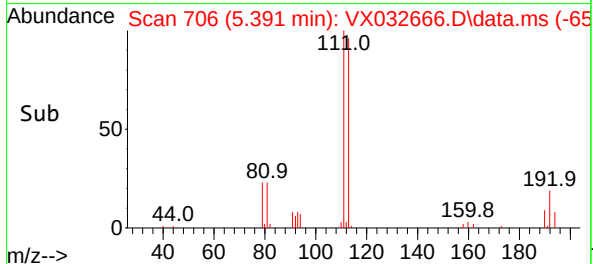
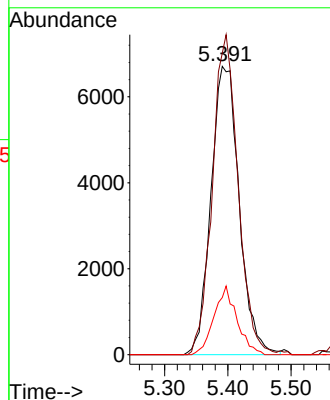
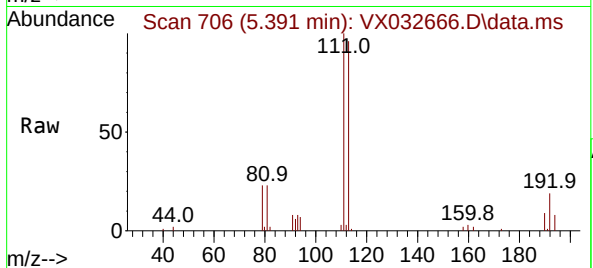
192 19.4 15.4 23.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/09/2022



#50

Toluene-d8

Concen: 46.666 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032666.D

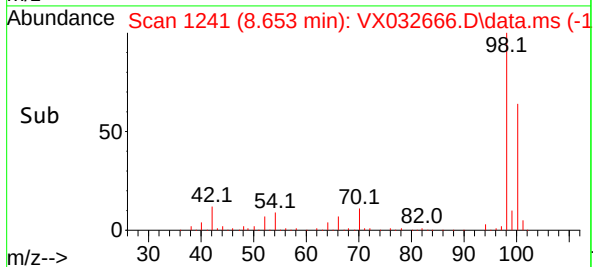
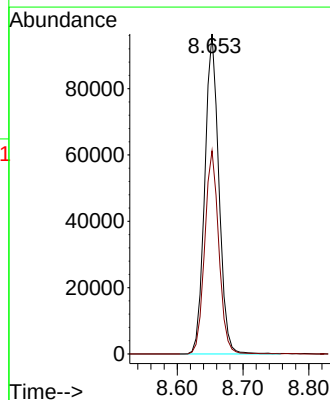
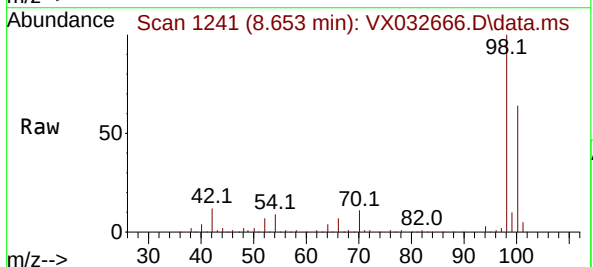
Acq: 08 Nov 2022 19:53

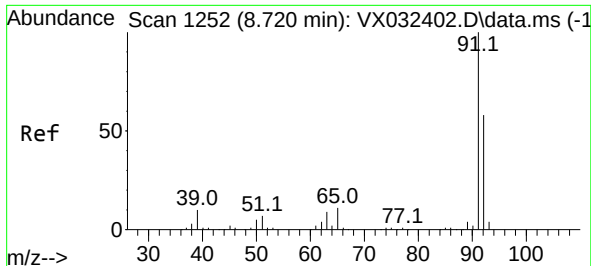
Tgt Ion: 98 Resp: 143830

Ion Ratio Lower Upper

98 100

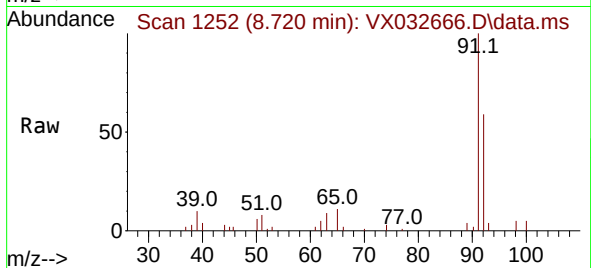
100 63.5 50.9 76.3





#52
Toluene
Concen: 1.877 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

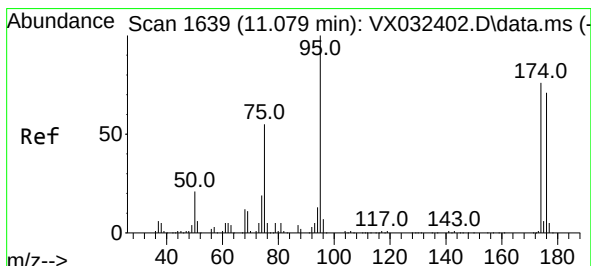
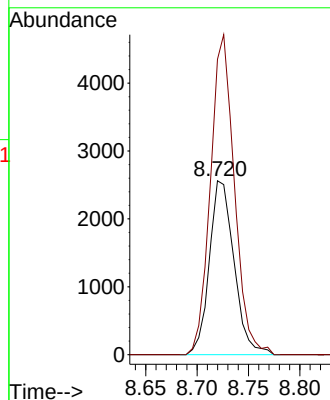
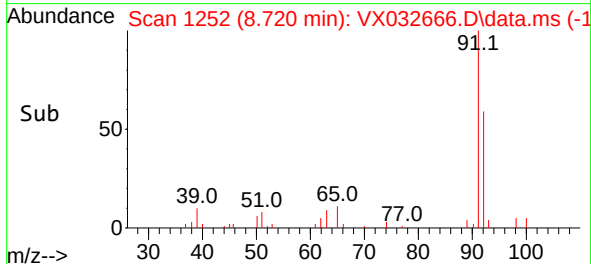
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



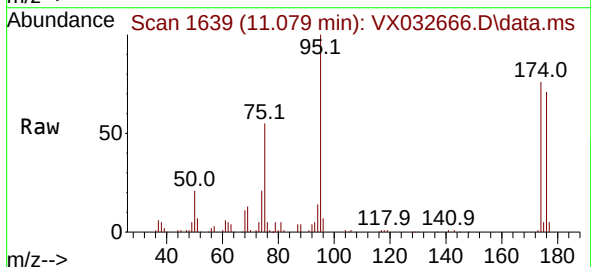
Tgt Ion: 92 Resp: 427
Ion Ratio Lower Upper
92 100
91 178.4 138.3 207.5

Manual Integrations
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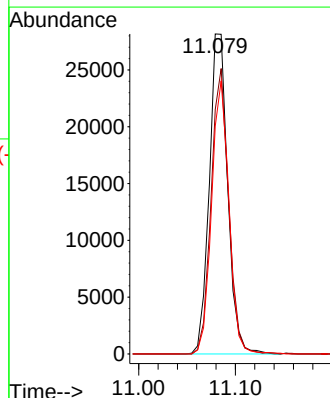
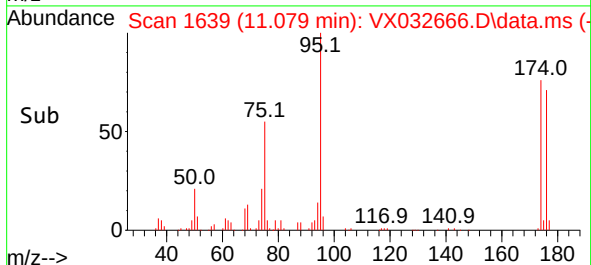
Reviewed By :John Carlone 11/09/2022
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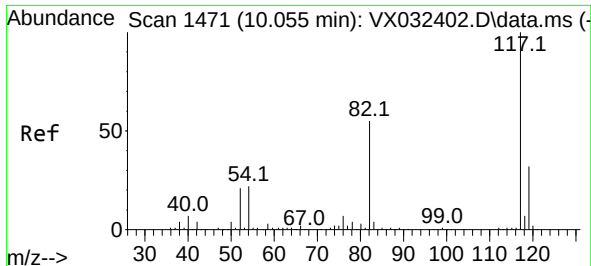


#62
4-Bromofluorobenzene
Concen: 31.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53



Tgt Ion: 95 Resp: 37345
Ion Ratio Lower Upper
95 100
174 84.8 0.0 164.0
176 80.4 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: VX032666.D

Acq: 08 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

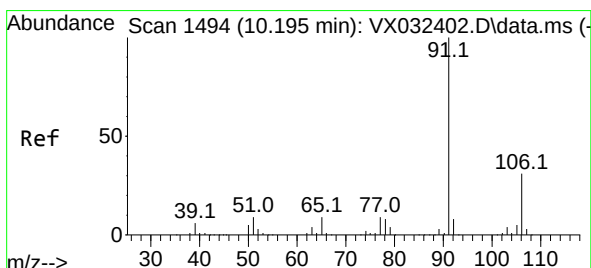
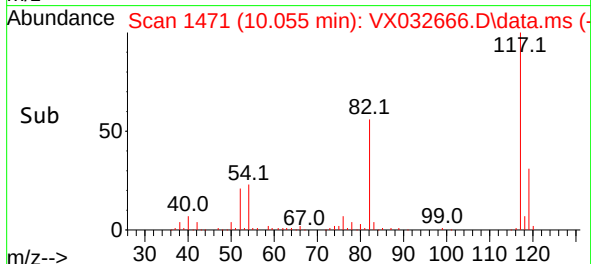
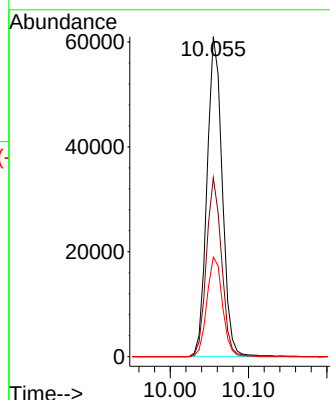
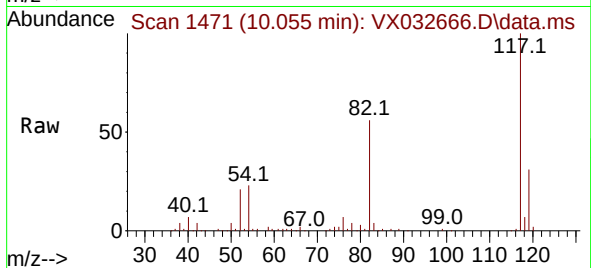
Tgt Ion:117	Resp:	8235
Ion Ratio	Lower	Upper
117	100	
82	55.9	44.3 66.5
119	31.1	25.7 38.5

Manual Integrations

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Supervised By :Mahesh Dadoda 11/09/2022



#67

Ethyl Benzene

Concen: 3.276 ug/l

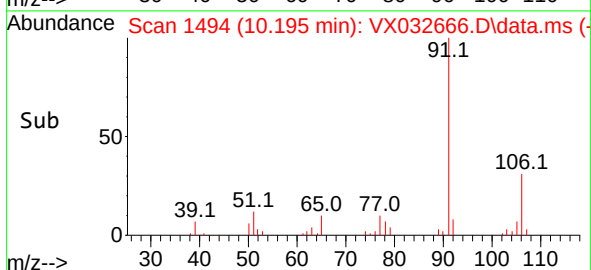
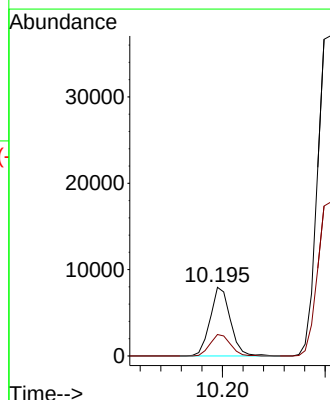
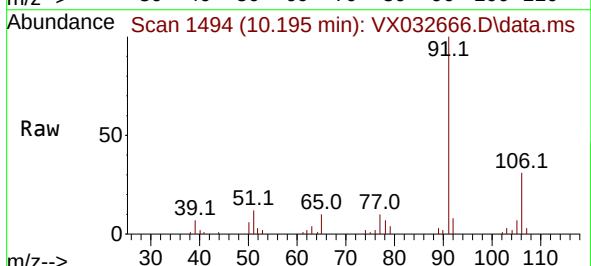
RT: 10.195 min Scan# 1494

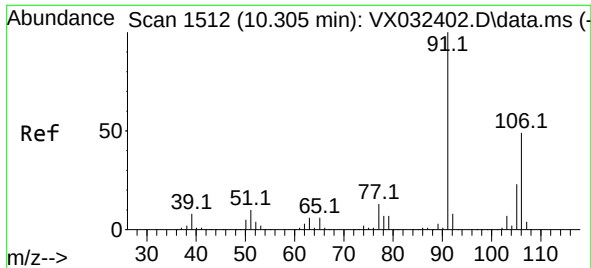
Delta R.T. -0.000 min

Lab File: VX032666.D

Acq: 08 Nov 2022 19:53

Tgt Ion: 91	Resp:	10808
Ion Ratio	Lower	Upper
91	100	
106	31.3	25.0 37.6





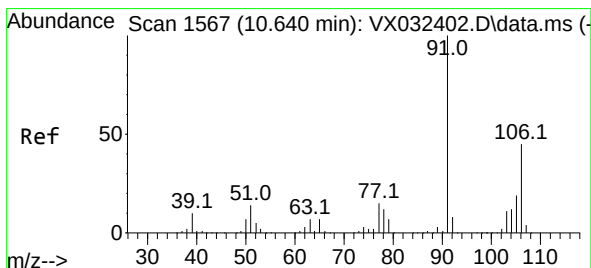
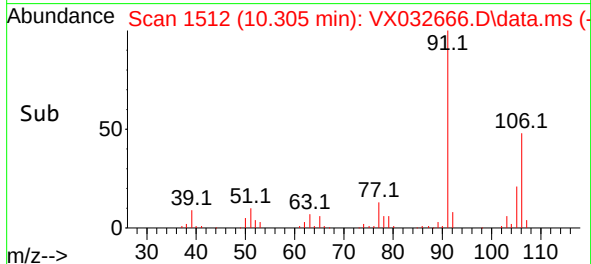
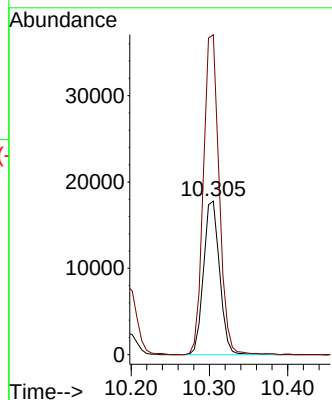
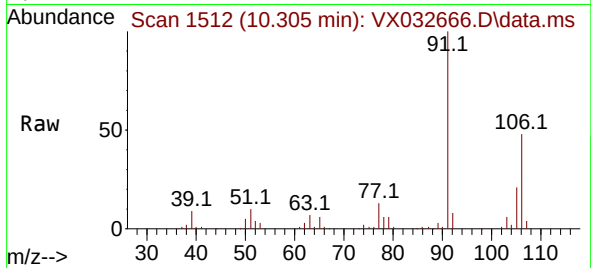
#68
m/p-Xylenes
Concen: 19.803 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion:106 Resp: 25369
Ion Ratio Lower Upper
106 100
91 205.0 164.5 246.7

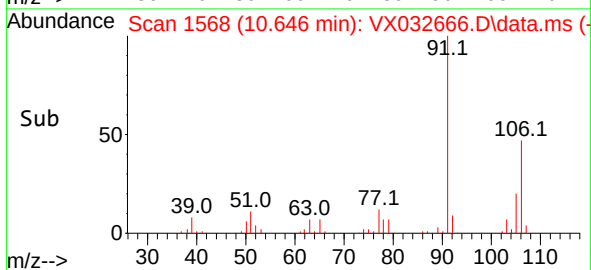
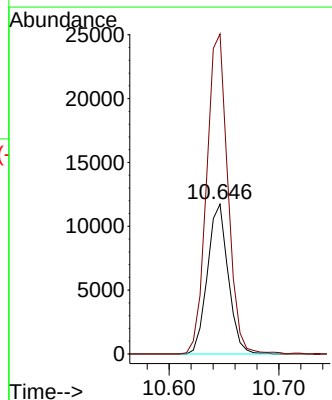
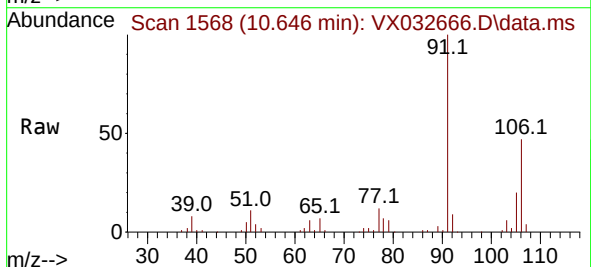
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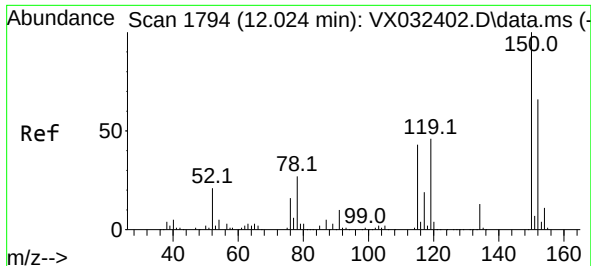
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#69
o-Xylene
Concen: 12.367 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Tgt Ion:106 Resp: 15404
Ion Ratio Lower Upper
106 100
91 218.7 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032666.D

Acq: 08 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

Tgt Ion:152 Resp: 35618

Ion Ratio Lower Upper

152 100

115 62.2 44.0 132.0

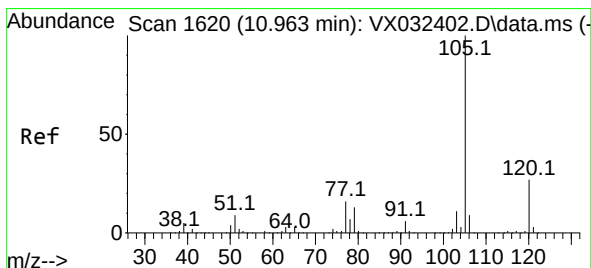
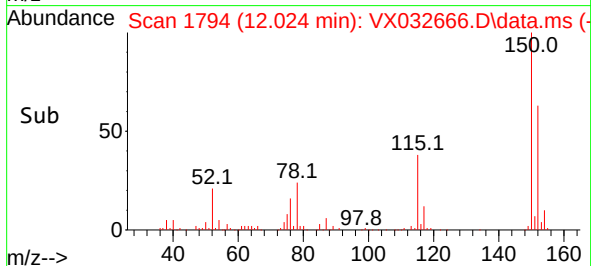
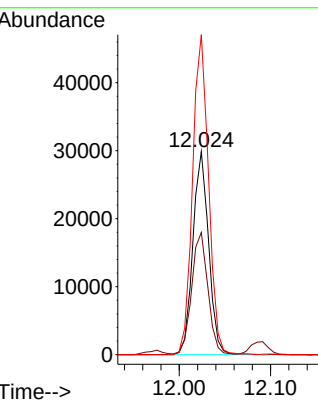
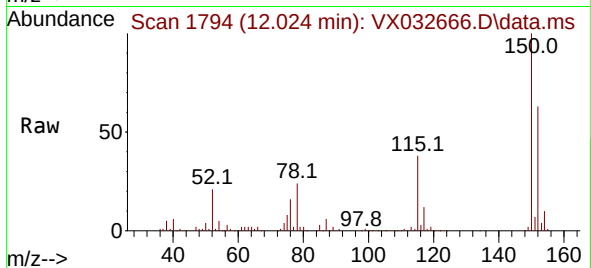
150 159.5 0.0 351.8

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#73

Isopropylbenzene

Concen: 1.419 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX032666.D

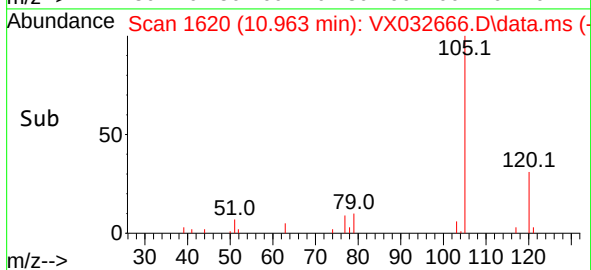
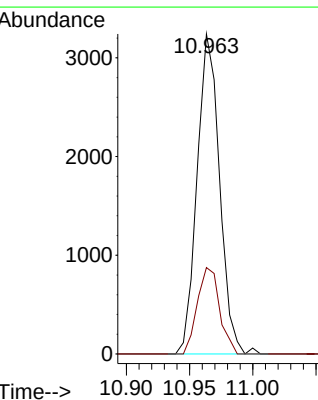
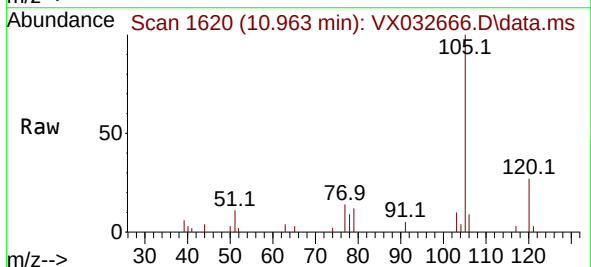
Acq: 08 Nov 2022 19:53

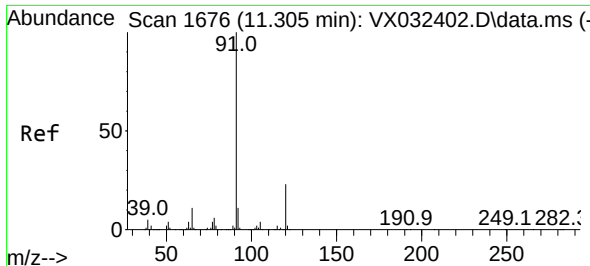
Tgt Ion:105 Resp: 4004

Ion Ratio Lower Upper

105 100

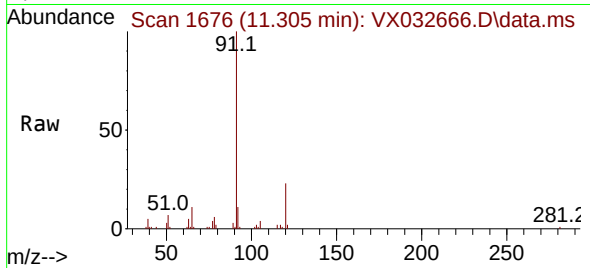
120 26.7 13.1 39.3





#78
n-propylbenzene
Concen: 3.918 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

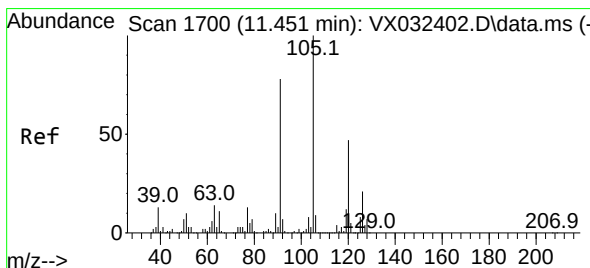
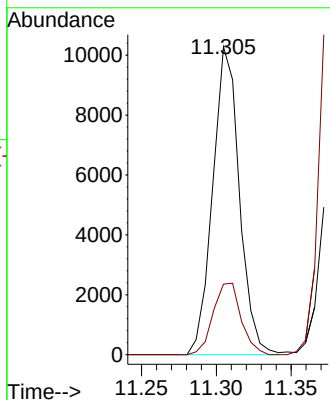
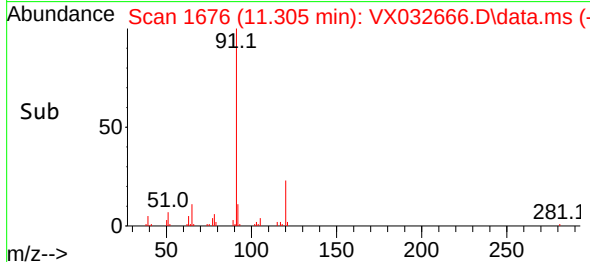
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



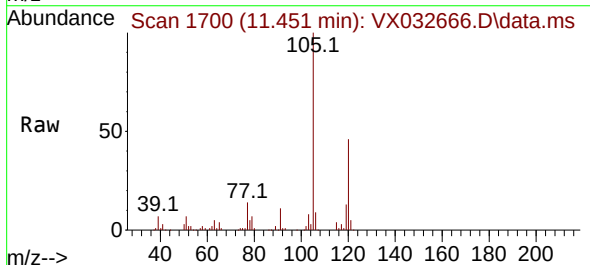
Tgt Ion: 91 Resp: 1274
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8

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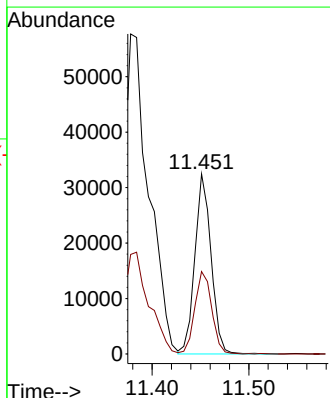
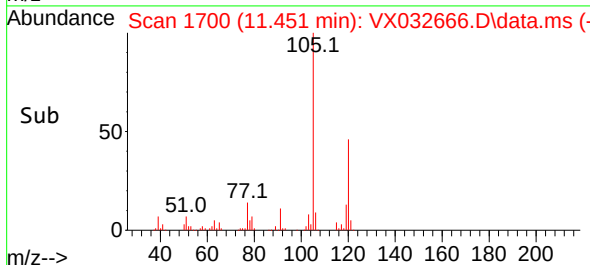
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

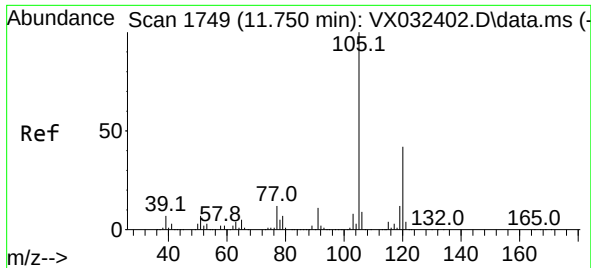


#80
1,3,5-Trimethylbenzene
Concen: 15.740 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53



Tgt Ion:105 Resp: 37969
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0





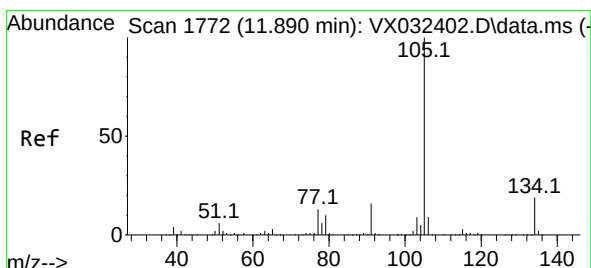
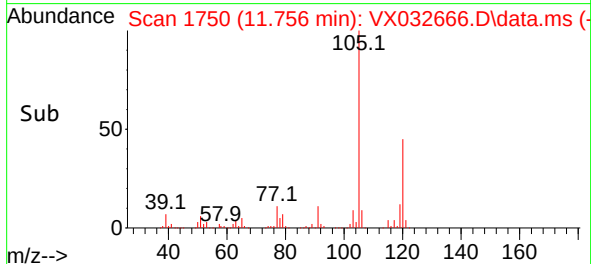
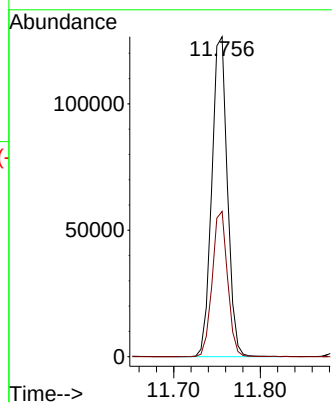
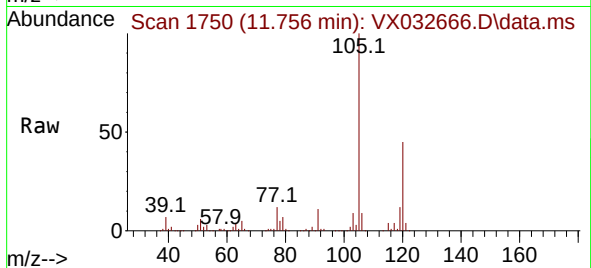
#84
1,2,4-Trimethylbenzene
Concen: 66.049 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion:105 Resp: 15846
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5

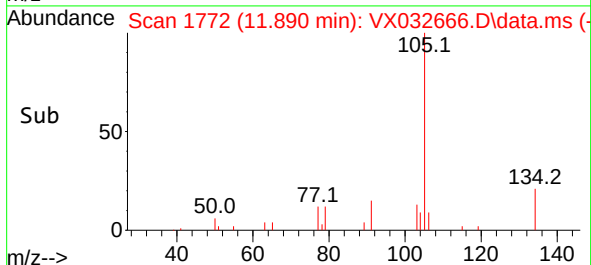
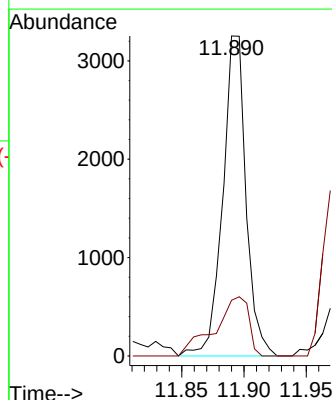
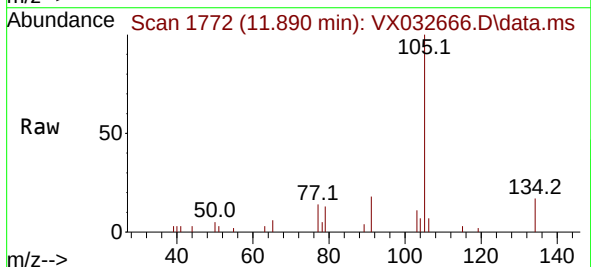
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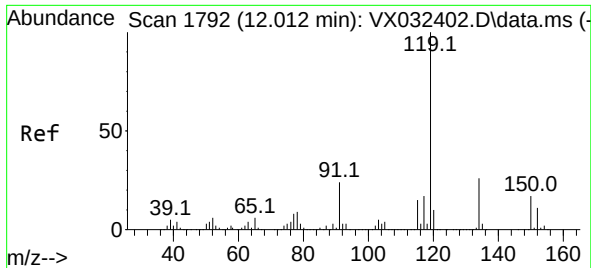
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#85
sec-Butylbenzene
Concen: 1.461 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Tgt Ion:105 Resp: 4233
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





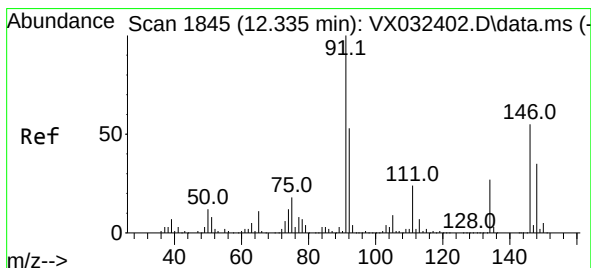
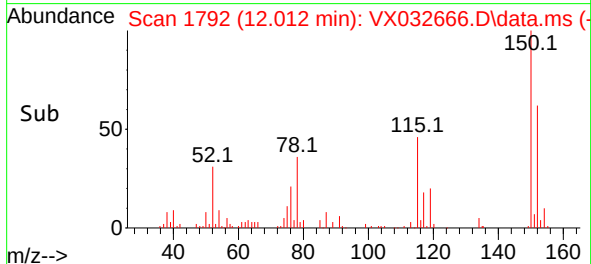
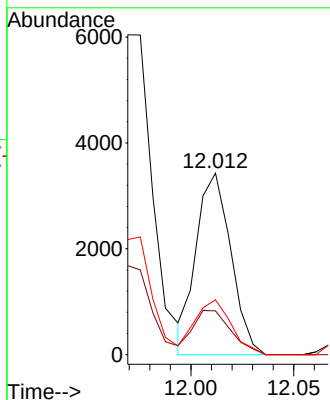
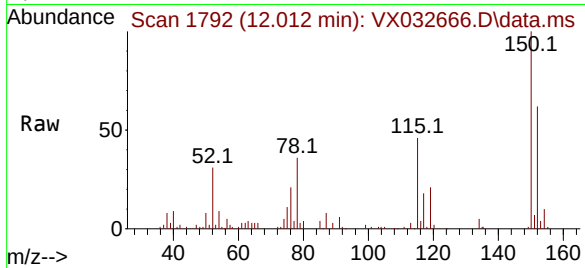
#86
p-Isopropyltoluene
Concen: 1.634 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion: 119 Resp: 401
Ion Ratio Lower Upper
119 100
134 27.0 12.9 38.7
91 31.8 12.5 37.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#89
n-Butylbenzene
Concen: 5.548 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX032666.D
Acq: 08 Nov 2022 19:53

Tgt Ion: 91 Resp: 11868
Ion Ratio Lower Upper
91 100
92 26.2 26.2 78.6#
134 110.6 12.9 38.6#

