

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026796.D
 Acq On : 07 Feb 2022 19:43
 Operator : JC/MD
 Sample : N1345-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34026

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 23:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	117696	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	186468	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.061	117	152932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	21269	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	69096	42.026	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.060%		
35) Dibromofluoromethane	5.404	113	57909	48.091	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.653	98	206496	47.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.098	95	71536	46.408	ug/l	0.02
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.820%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.008	59	173833	760.040	ug/l #	93
13) Acrolein	2.258	56	5135	21.129	ug/l #	14
16) Acetone	2.392	43	543340	648.037	ug/l	93
18) Methyl Acetate	2.709	43	52545	31.523	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	48004	10.763	ug/l	98
20) Methylene Chloride	2.794	84	3015	2.176	ug/l	89
25) 2-Butanone	4.587	43	269895	247.527	ug/l	92
40) Benzene	6.056	78	5909	1.125	ug/l	100
49) 1,4-Dioxane	7.714	88	106783	4227.003	ug/l #	78
51) 4-Methyl-2-Pentanone	8.586	43	175833	95.437	ug/l	92
52) Toluene	8.726	92	19064	5.917	ug/l	98
59) 2-Hexanone	9.452	43	42114m	29.866	ug/l	
67) Ethyl Benzene	10.214	91	10805	1.846	ug/l	98
68) m/p-Xylenes	10.311	106	24237	11.066	ug/l	99
69) o-Xylene	10.653	106	13790	6.525	ug/l	97
80) 1,3,5-Trimethylbenzene	11.470	105	4423	3.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.634	105	4915	3.419	ug/l	80

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

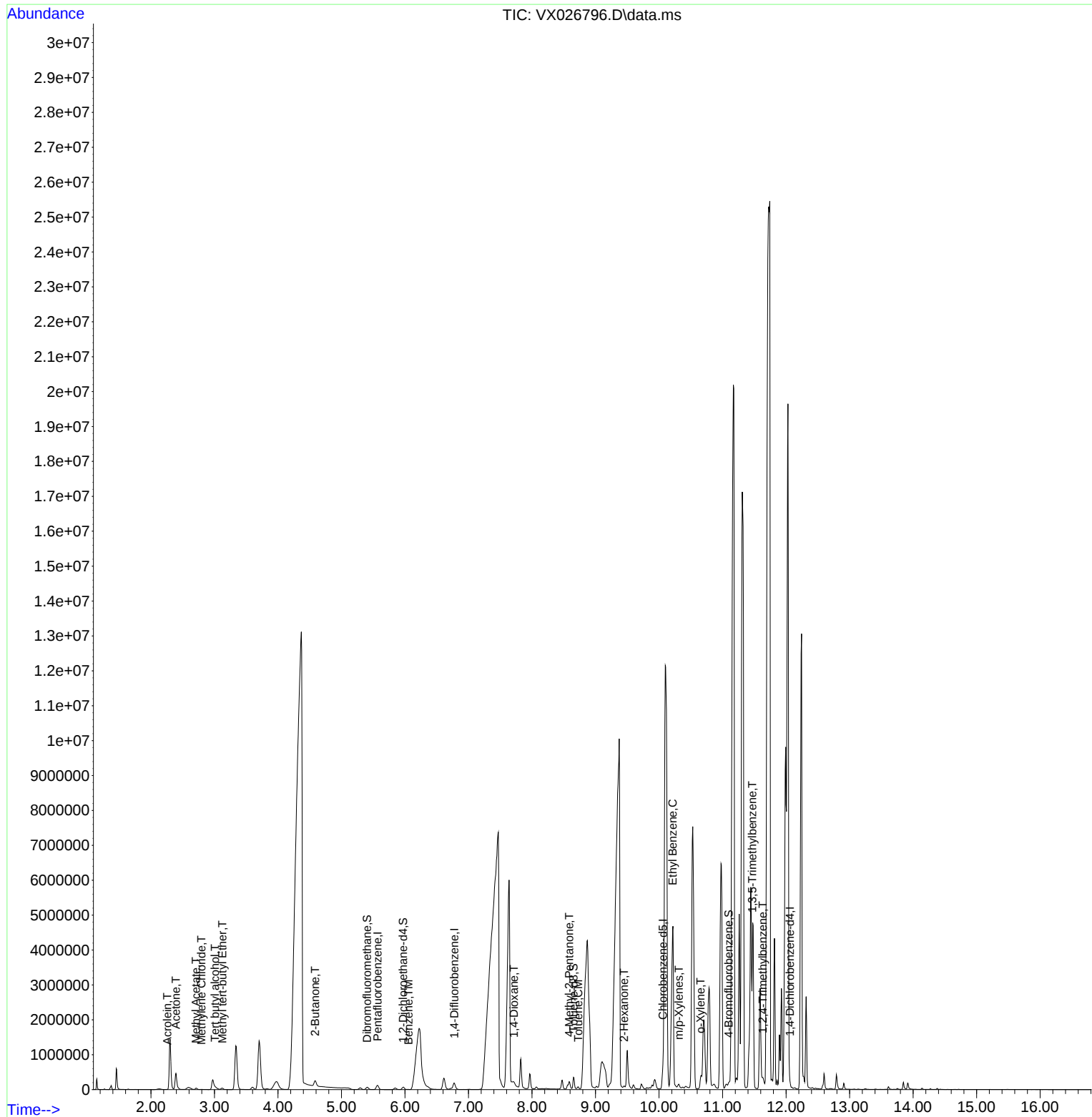
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
Data File : VX026796.D
Acq On : 07 Feb 2022 19:43
Operator : JC/MD
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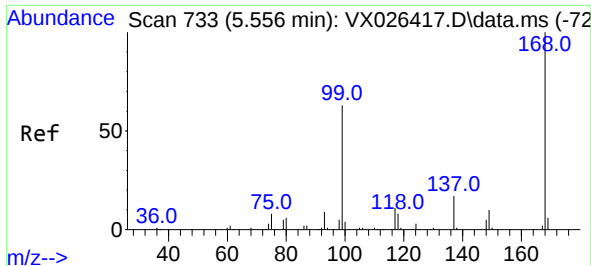
Instrument :
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ClientSampleId :
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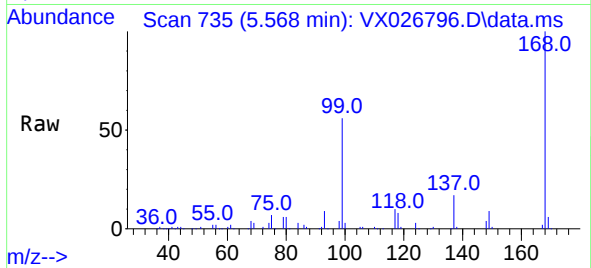
Quant Time: Feb 07 23:33:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

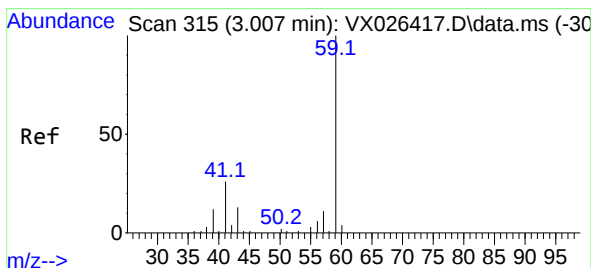
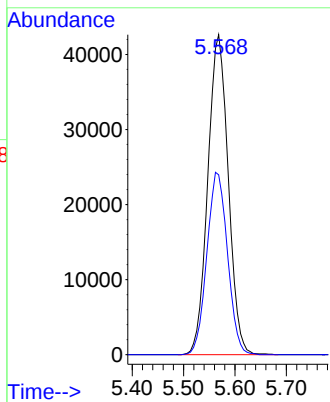
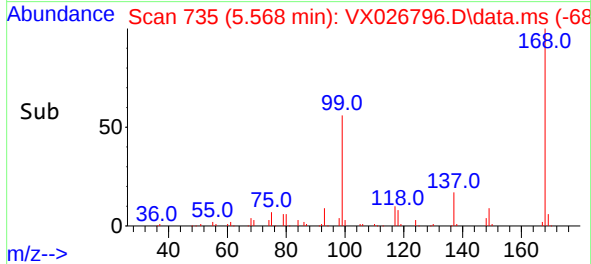
Instrument :
MSVOA_X
ClientSampleId :
34026



Tgt Ion:168 Resp: 117690
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5

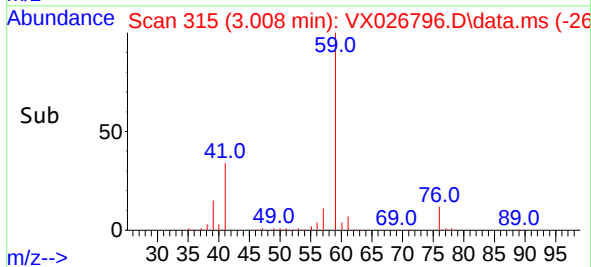
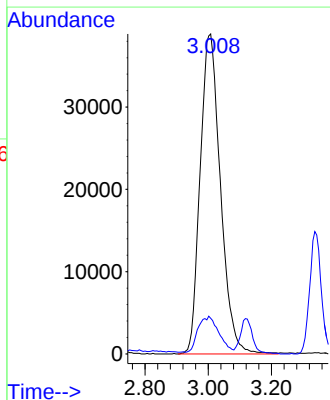
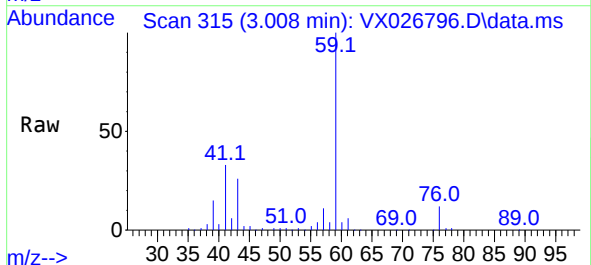
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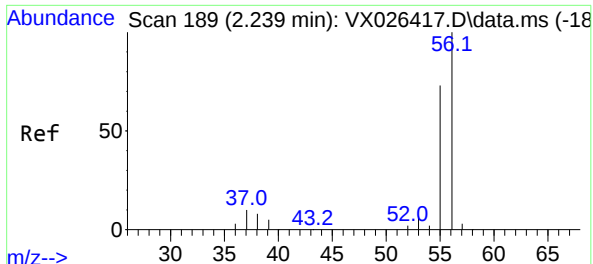
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#11
Tert butyl alcohol
Concen: 760.040 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.001 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Tgt Ion: 59 Resp: 173833
Ion Ratio Lower Upper
59 100
57 11.7 7.2 10.8#





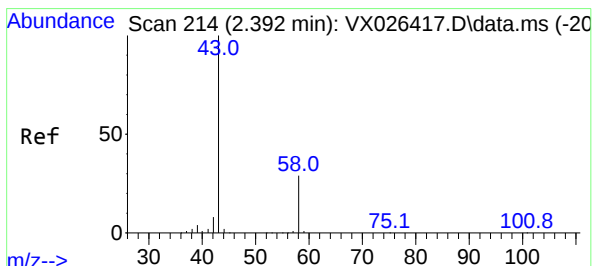
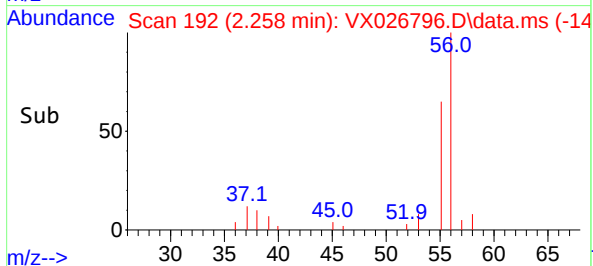
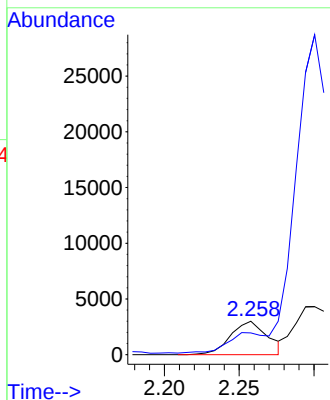
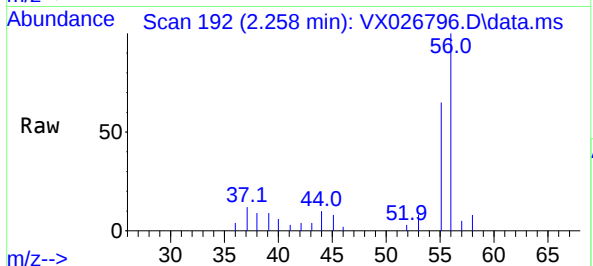
#13
Acrolein
Concen: 21.129 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 56 Resp: 513
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3

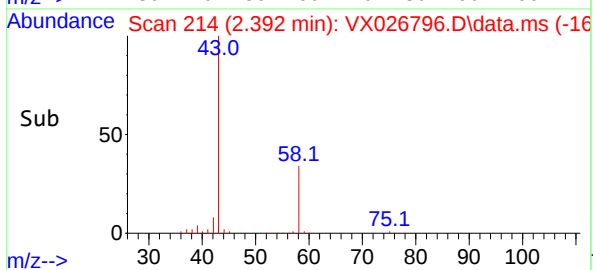
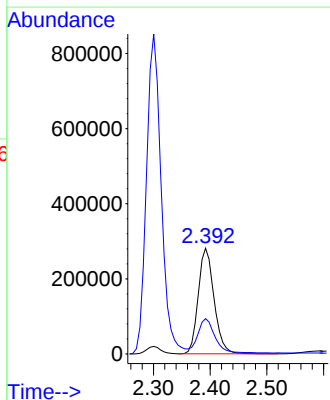
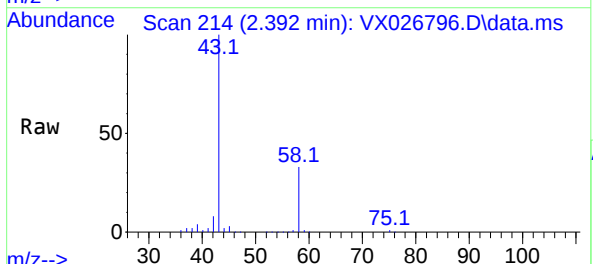
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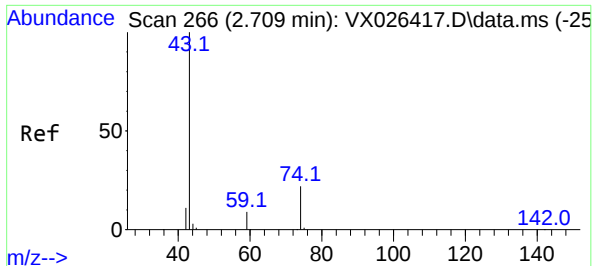
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#16
Acetone
Concen: 648.037 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Tgt Ion: 43 Resp: 543340
Ion Ratio Lower Upper
43 100
58 32.5 23.0 34.6





#18

Methyl Acetate

Concen: 31.523 ug/l

RT: 2.709 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX026796.D

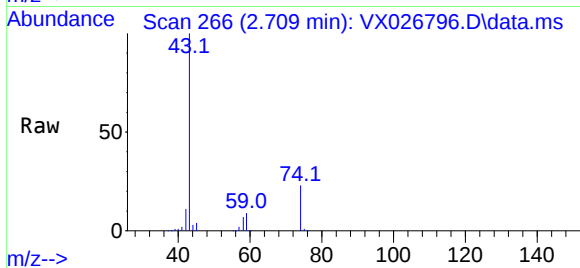
Acq: 07 Feb 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

34026



Tgt Ion: 43 Resp: 5254

Ion Ratio Lower Upper

43 100

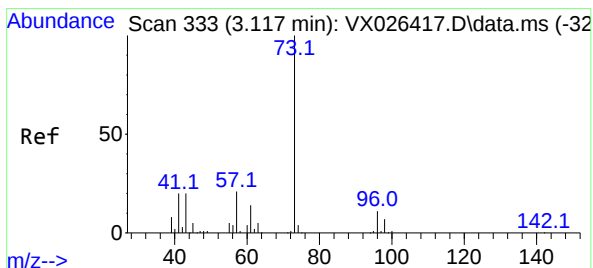
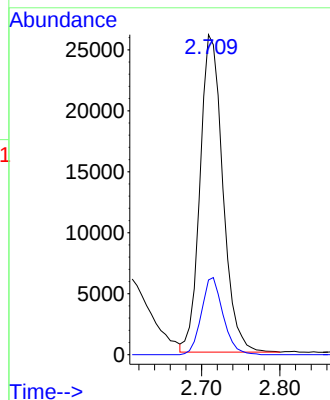
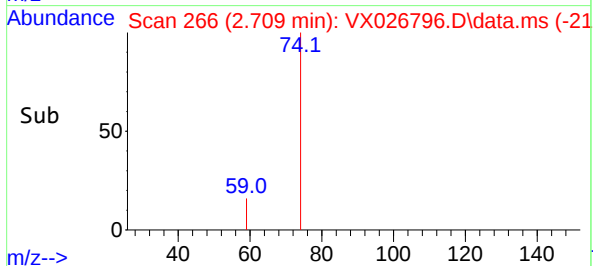
74 23.1 18.3 27.5

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 10.763 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX026796.D

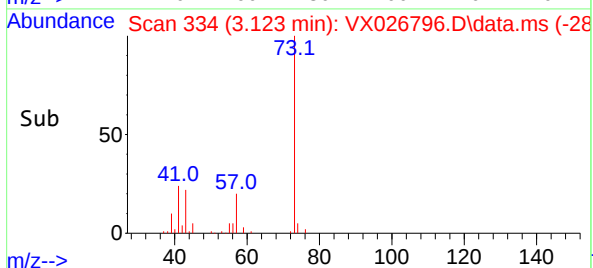
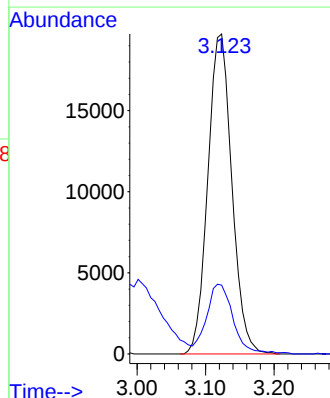
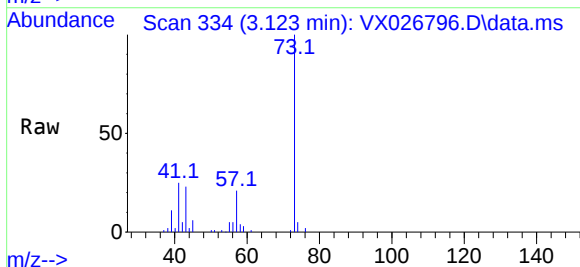
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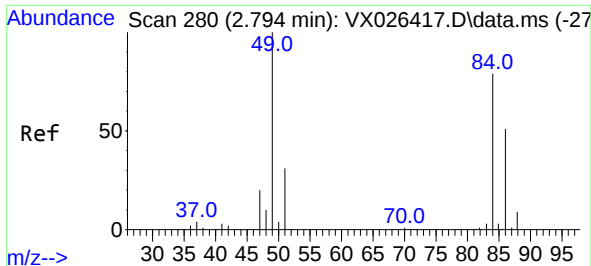
Tgt Ion: 73 Resp: 48004

Ion Ratio Lower Upper

73 100

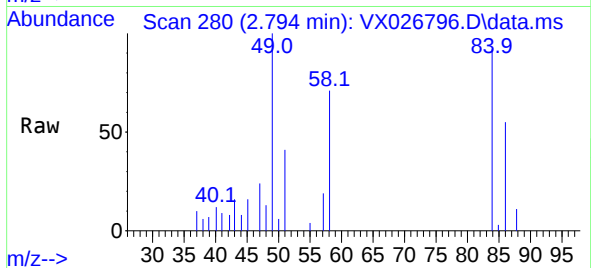
57 21.1 17.4 26.2





#20
Methylene Chloride
Concen: 2.176 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

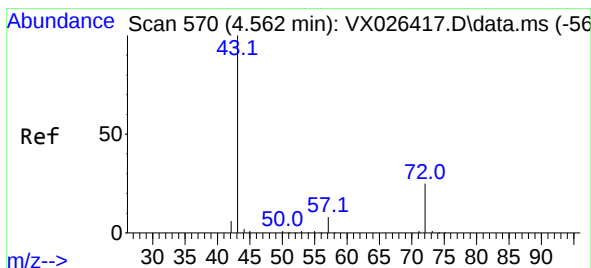
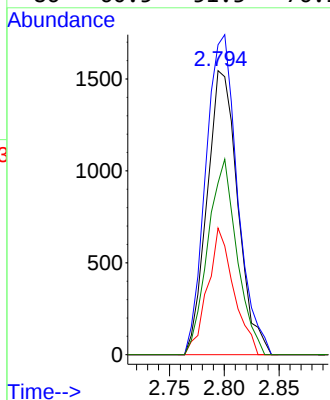
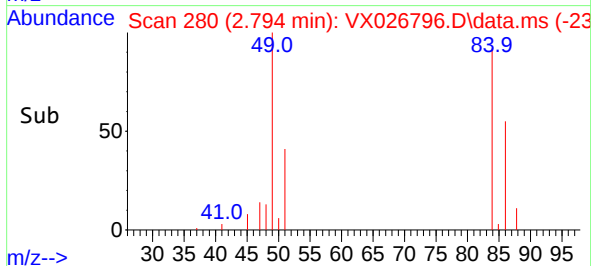
Instrument :
MSVOA_X
ClientSampleId :
34026



Tgt Ion: 84	Resp: 301
Ion Ratio	Lower Upper
84 100	
49 109.1	101.5 152.3
51 44.6	31.2 46.8
86 60.5	51.3 76.9

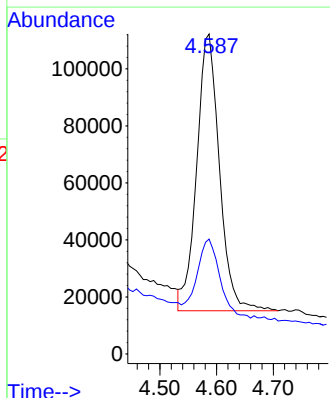
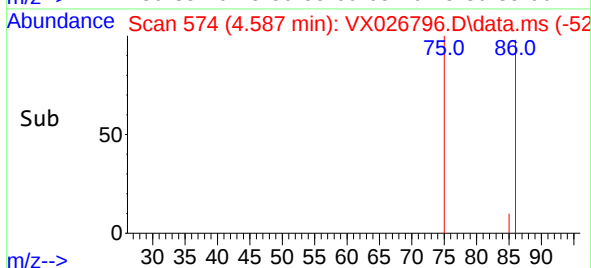
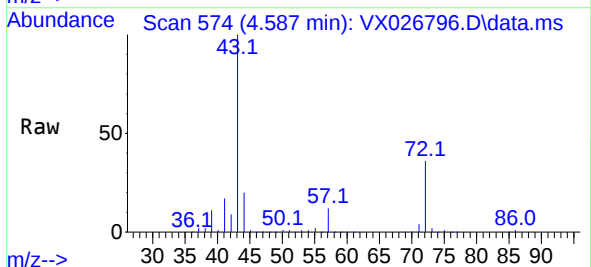
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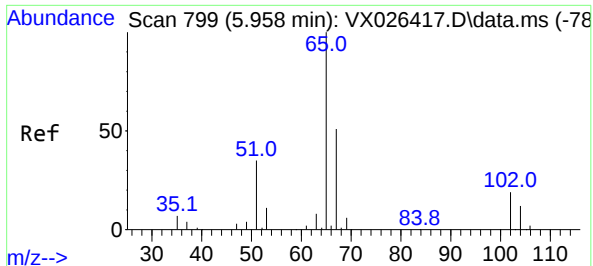
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#25
2-Butanone
Concen: 247.527 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Tgt Ion: 43	Resp: 269895
Ion Ratio	Lower Upper
43 100	
72 29.6	20.4 30.6





#33

1,2-Dichloroethane-d4

Concen: 42.026 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.012 min

Lab File: VX026796.D

Acq: 07 Feb 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

34026

Tgt Ion: 65 Resp: 69090

Ion Ratio Lower Upper

65 100

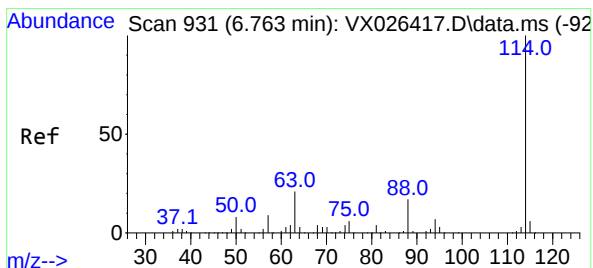
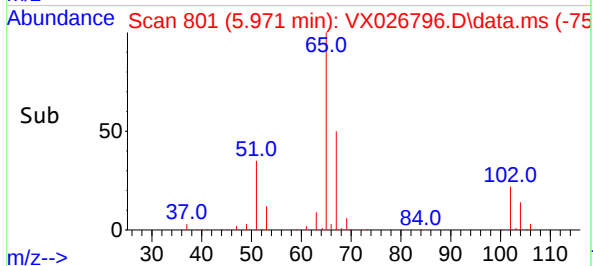
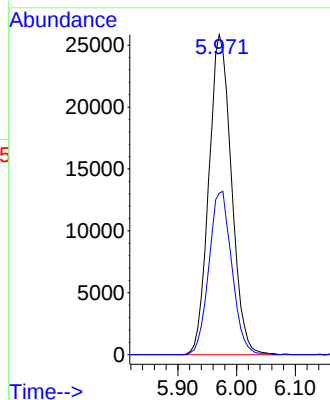
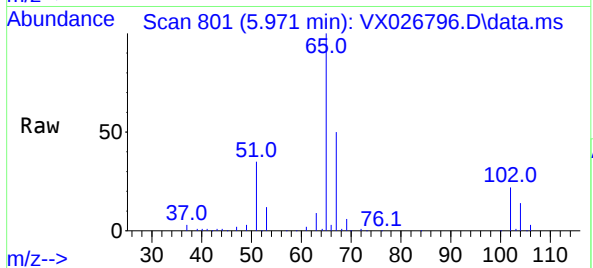
67 51.7 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.012 min

Lab File: VX026796.D

Acq: 07 Feb 2022 19:43

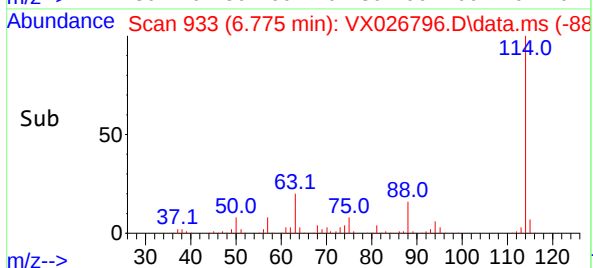
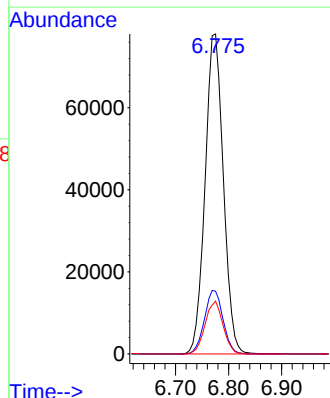
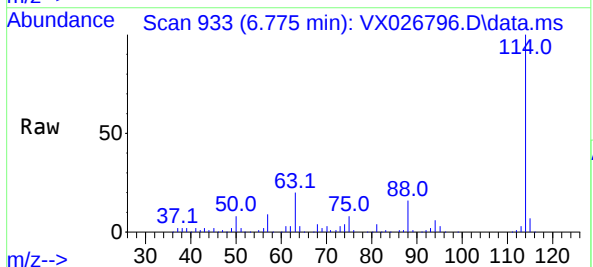
Tgt Ion:114 Resp: 186468

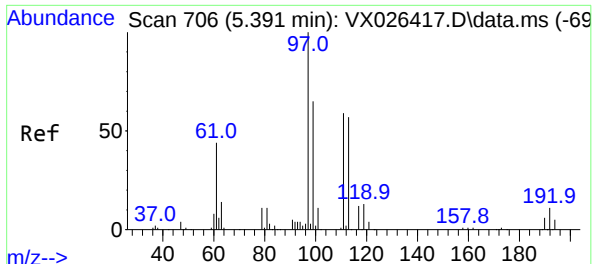
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.091 ug/l

RT: 5.404 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX026796.D

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Instrument :

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Tgt Ion:113 Resp: 57909

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

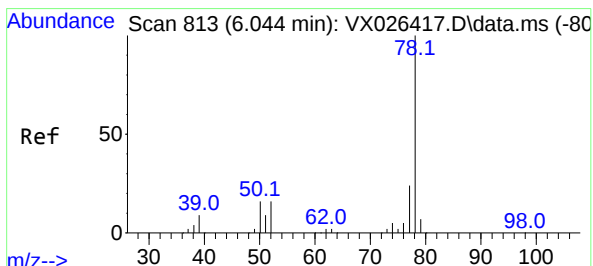
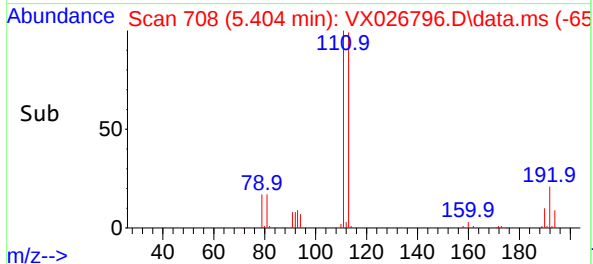
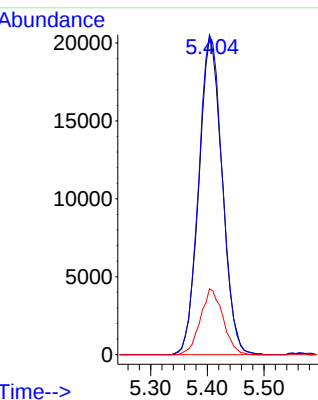
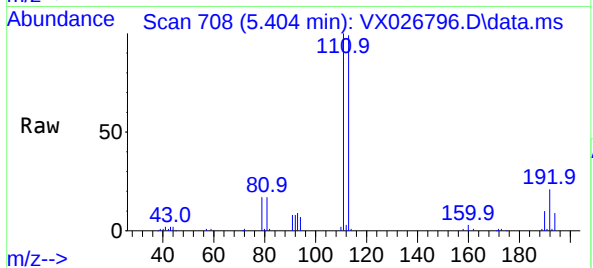
192 20.2 15.0 22.4

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#40

Benzene

Concen: 1.125 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX026796.D

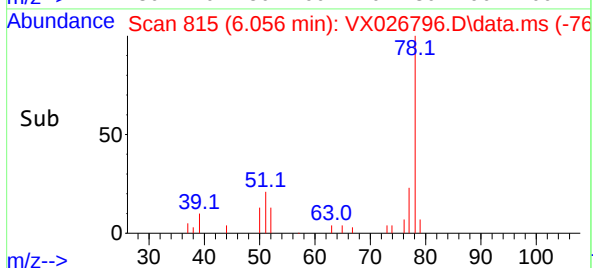
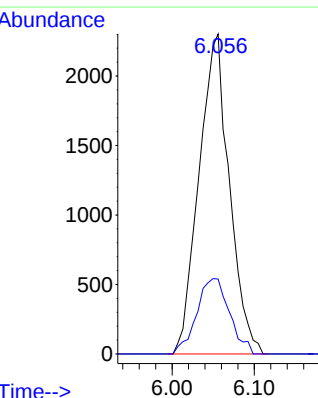
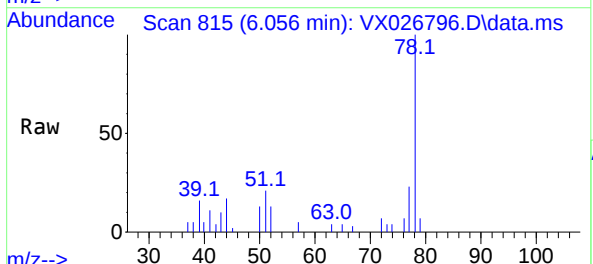
Acq: 07 Feb 2022 19:43

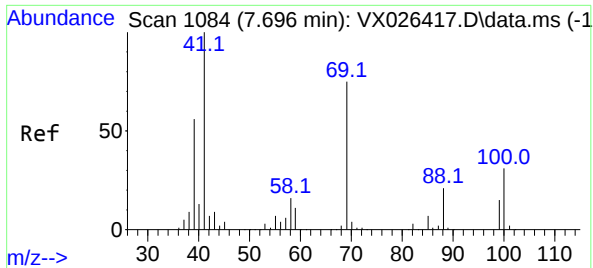
Tgt Ion: 78 Resp: 5909

Ion Ratio Lower Upper

78 100

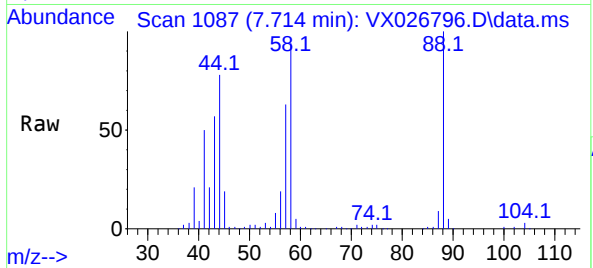
77 23.4 18.9 28.3





#49
1,4-Dioxane
Concen: 4227.003 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

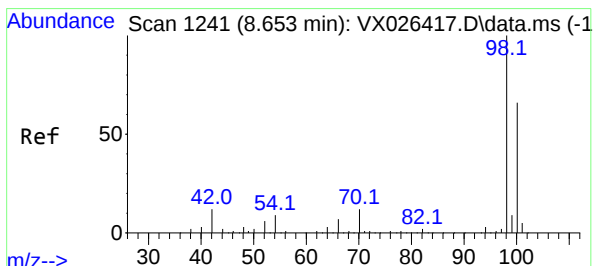
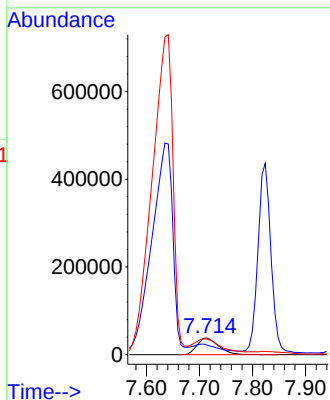
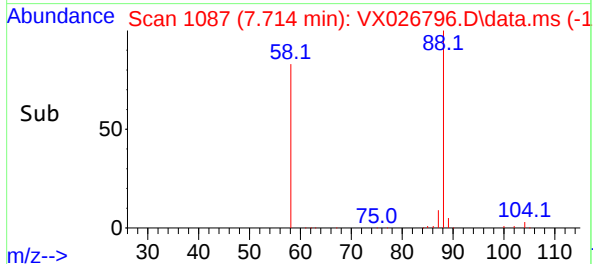
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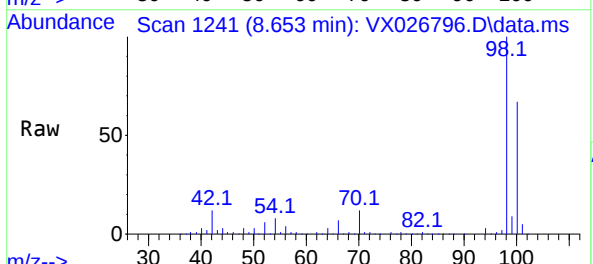
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Ion Ratio Lower Upper
88 100
43 43.9 29.9 44.9
58 96.0 57.8 86.6

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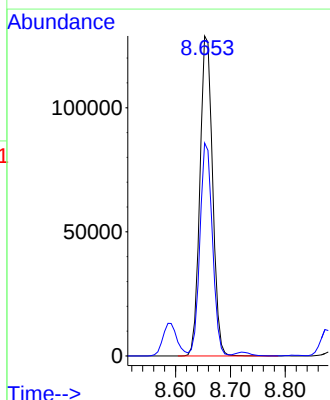
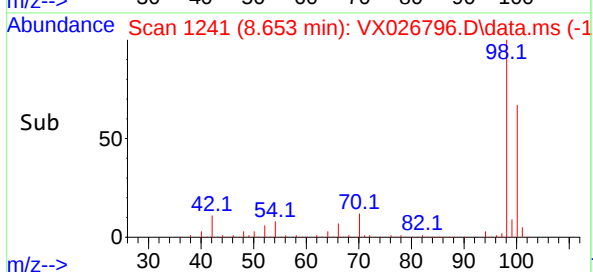
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

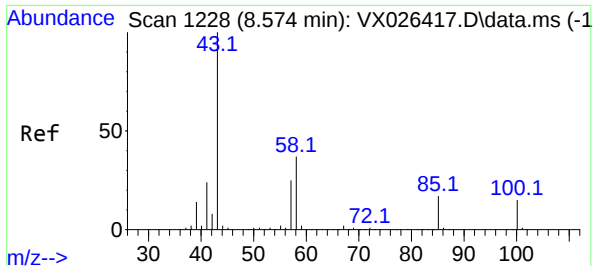


#50
Toluene-d8
Concen: 47.588 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43



Tgt Ion: 98 Resp: 206496
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8





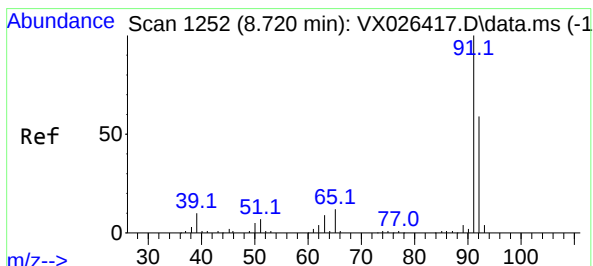
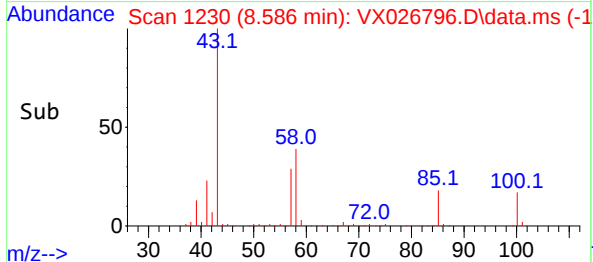
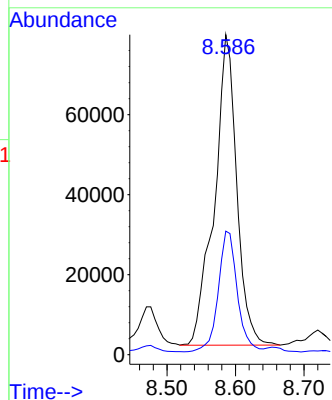
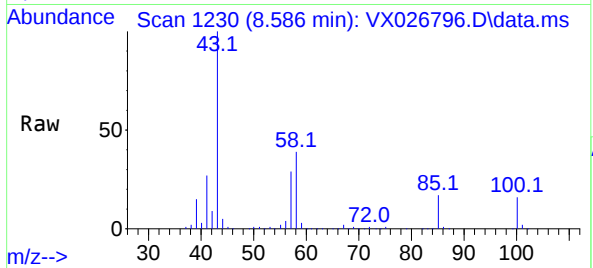
#51
4-Methyl-2-Pentanone
Concen: 95.437 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
34026

Tgt Ion: 43 Resp: 17583
Ion Ratio Lower Upper
43 100
58 33.0 30.5 45.7

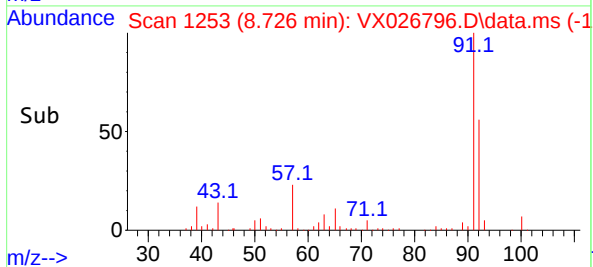
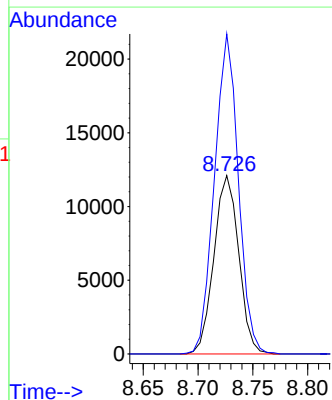
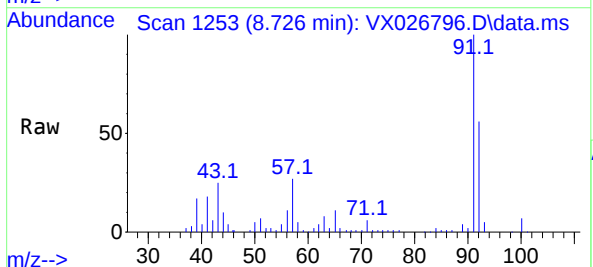
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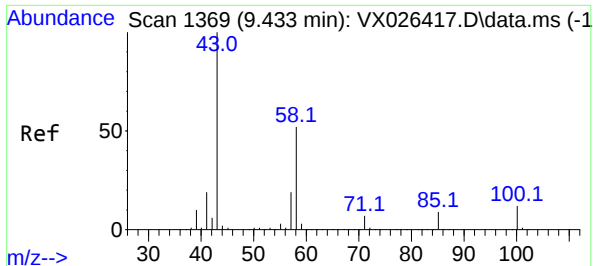
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#52
Toluene
Concen: 5.917 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Tgt Ion: 92 Resp: 19064
Ion Ratio Lower Upper
92 100
91 172.7 135.7 203.5





#59

2-Hexanone

Concen: 29.866 ug/l m

RT: 9.452 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX026796.D

Acq: 07 Feb 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

34026

Tgt Ion: 43 Resp: 42114

Ion Ratio Lower Upper

43 100

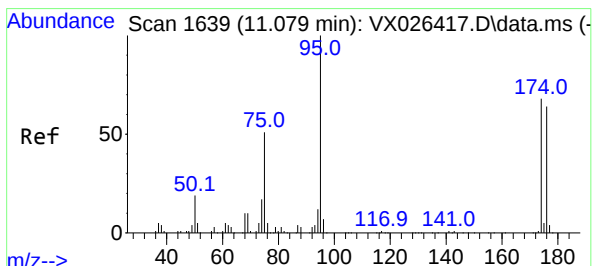
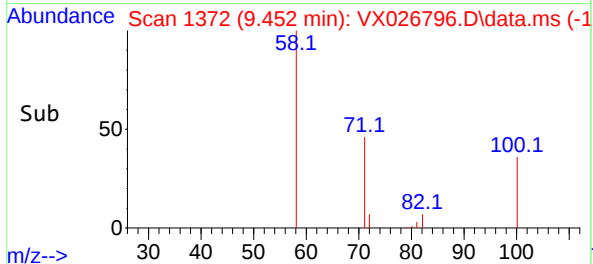
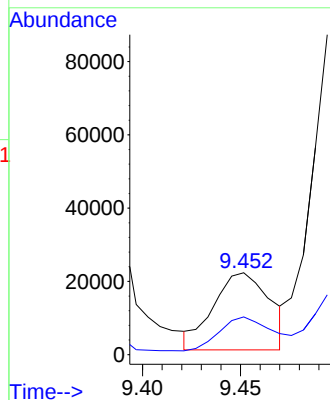
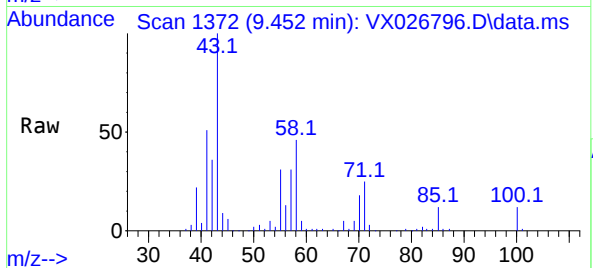
58 72.5 26.4 79.2

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Reviewed By :John Carlone 02/08/2022

Supervised By :Mahesh Dadoda 02/08/2022



#62

4-Bromofluorobenzene

Concen: 46.408 ug/l

RT: 11.098 min Scan# 1642

Delta R.T. 0.018 min

Lab File: VX026796.D

Acq: 07 Feb 2022 19:43

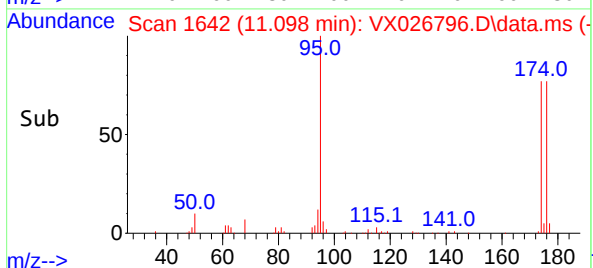
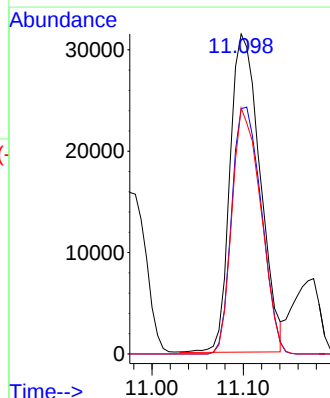
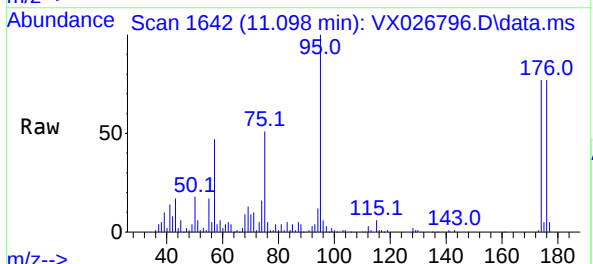
Tgt Ion: 95 Resp: 71536

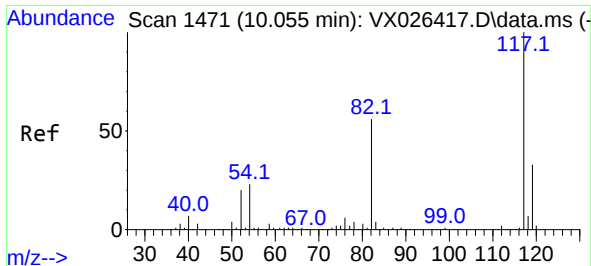
Ion Ratio Lower Upper

95 100

174 76.8 0.0 148.6

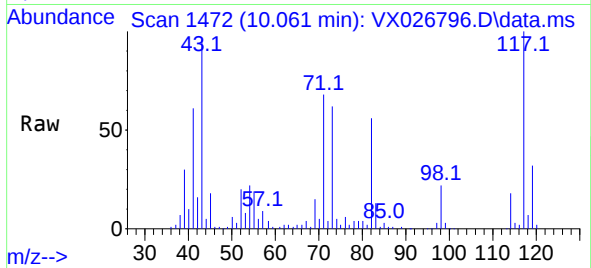
176 74.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

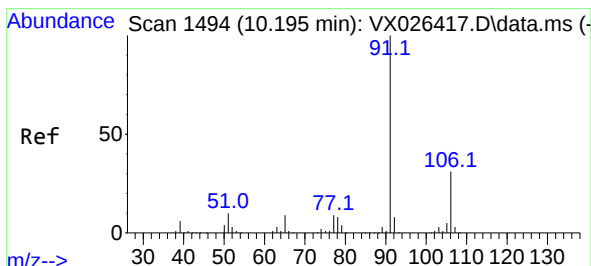
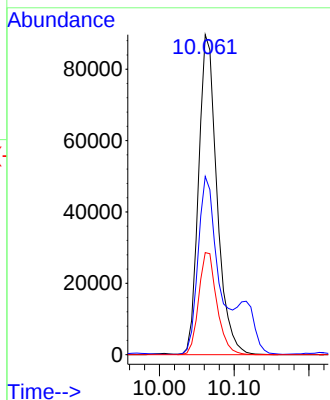
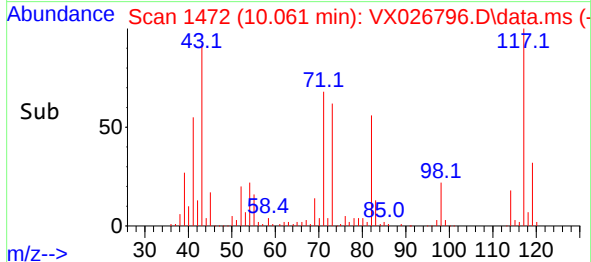
Instrument :
MSVOA_X
ClientSampleId :
34026



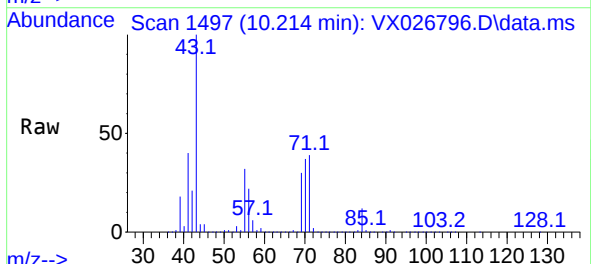
Tgt Ion:117 Resp: 152932
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 31.9 26.2 39.2

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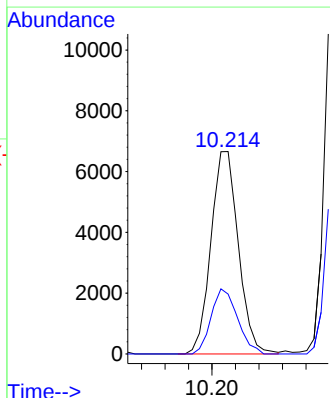
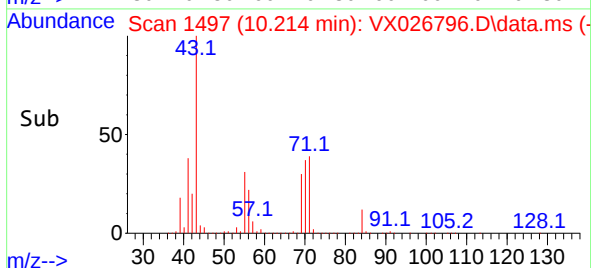
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

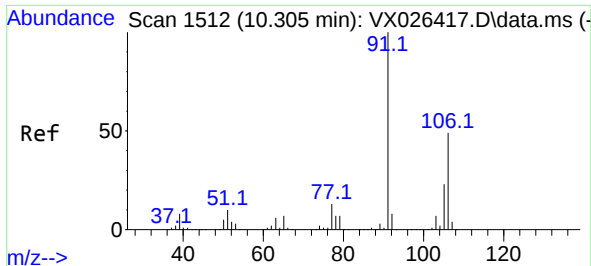


#67
Ethyl Benzene
Concen: 1.846 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.018 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43



Tgt Ion: 91 Resp: 10805
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1





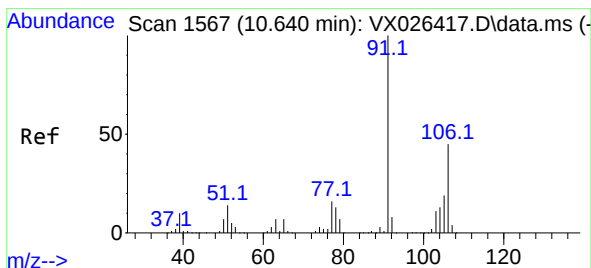
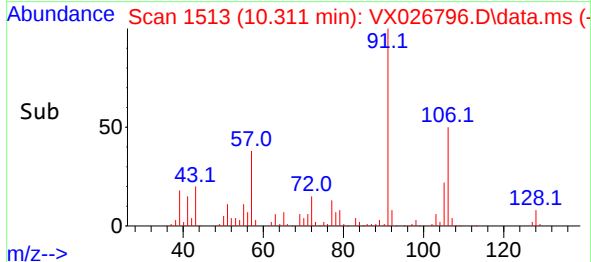
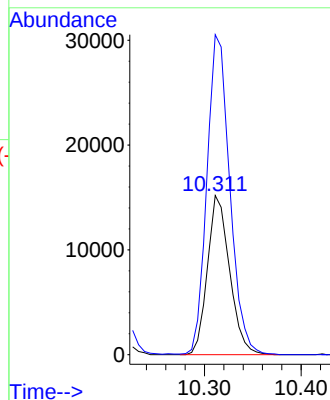
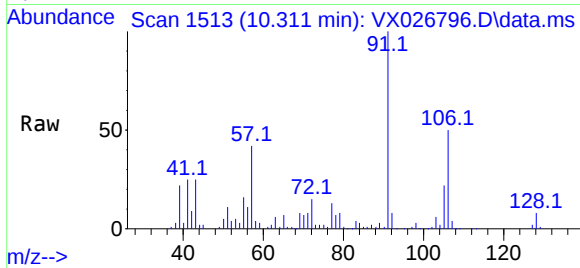
#68
m/p-Xylenes
Concen: 11.066 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
34026

Tgt Ion:106 Resp: 2423
Ion Ratio Lower Upper
106 100
91 207.6 165.3 247.9

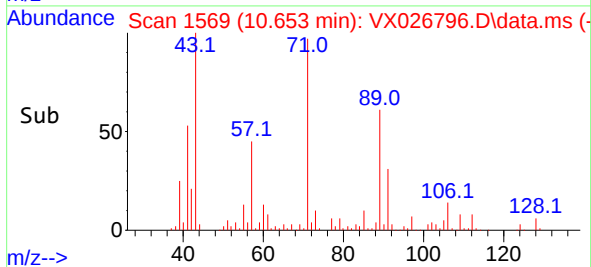
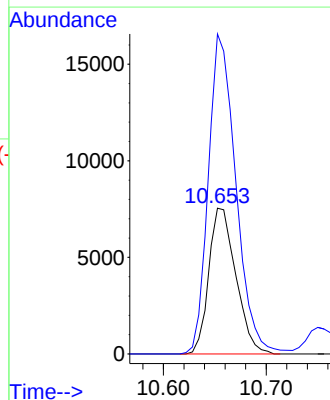
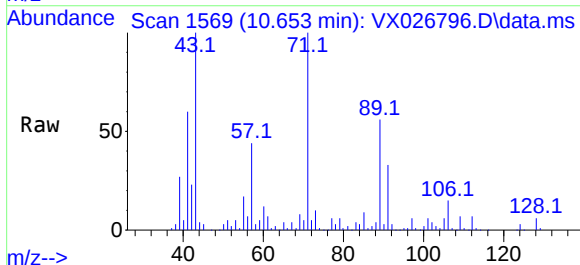
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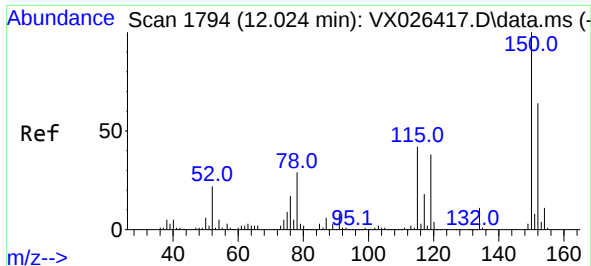
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#69
o-Xylene
Concen: 6.525 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.012 min
Lab File: VX026796.D
Acq: 07 Feb 2022 19:43

Tgt Ion:106 Resp: 13790
Ion Ratio Lower Upper
106 100
91 224.3 109.7 329.0





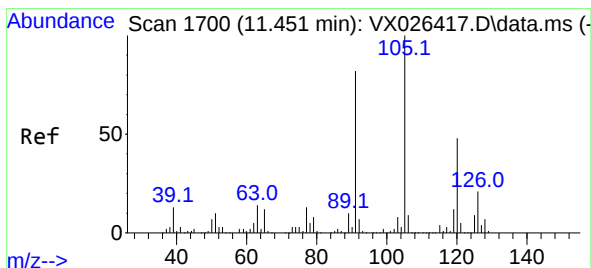
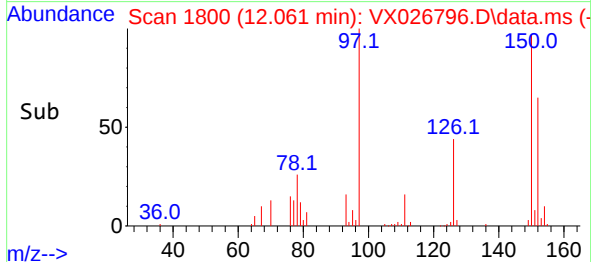
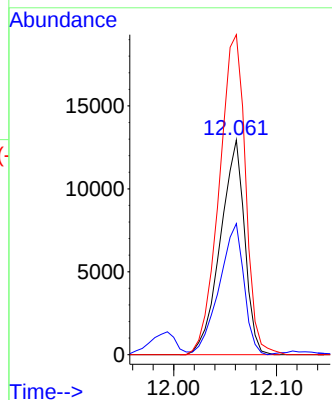
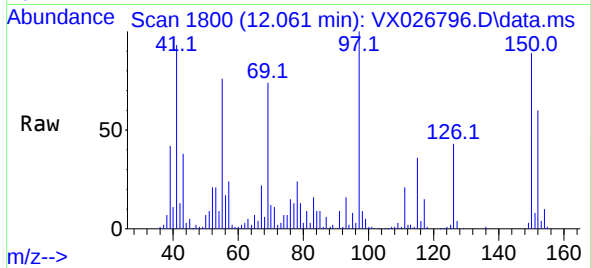
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.061 min Scan# 11
 Delta R.T. 0.037 min
 Lab File: VX026796.D
 Acq: 07 Feb 2022 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 34026

Tgt Ion:152 Resp: 21269
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.2 132.6
 150 161.3 0.0 348.2

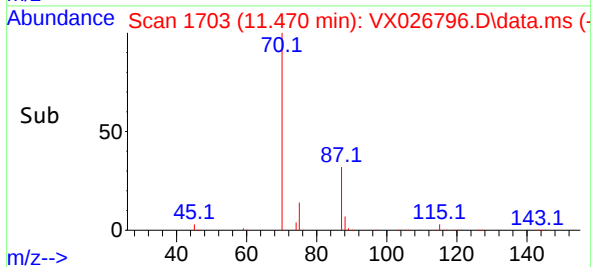
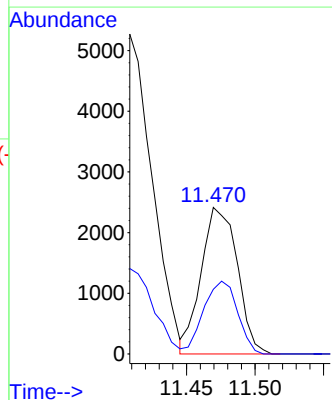
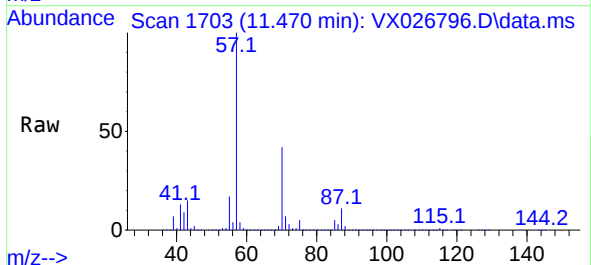
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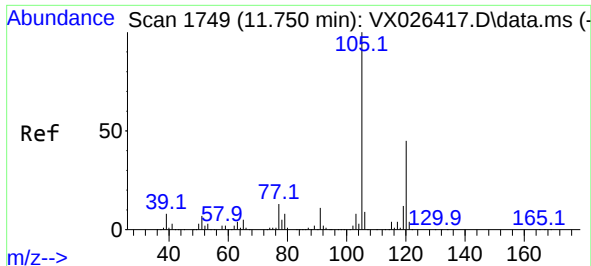
Reviewed By :John Carlone 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#80
 1,3,5-Trimethylbenzene
 Concen: 3.077 ug/l
 RT: 11.470 min Scan# 1703
 Delta R.T. 0.018 min
 Lab File: VX026796.D
 Acq: 07 Feb 2022 19:43

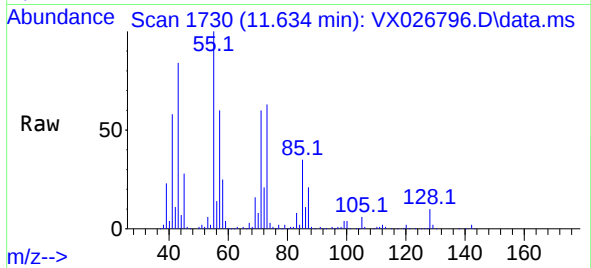
Tgt Ion:105 Resp: 4423
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.0 72.0





#84
 1,2,4-Trimethylbenzene
 Concen: 3.419 ug/l
 RT: 11.634 min Scan# 11
 Delta R.T. -0.116 min
 Lab File: VX026796.D
 Acq: 07 Feb 2022 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 34026



Tgt Ion:105 Resp: 4915
 Ion Ratio Lower Upper
 105 100
 120 30.5 21.9 65.5

Manual Integrations
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Reviewed By :John Carlone 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

