

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048721.D
 Acq On : 28 May 2022 03:11
 Operator : SY/MD
 Sample : N3033-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 30 03:00:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	232384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	386337	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	392876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	227158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169265	48.501	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.000%		
35) Dibromofluoromethane	5.292	113	146652	53.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.420%		
50) Toluene-d8	7.899	98	451187	45.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.340%#		
62) 4-Bromofluorobenzene	10.632	95	217713	58.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.540%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.170	59	231330	261.448	ug/l #	43
16) Acetone	2.626	43	21107m	11.867	ug/l	
17) Carbon Disulfide	2.793	76	2123	0.307	ug/l #	81
19) Methyl tert-butyl Ether	3.362	73	119644	13.332	ug/l	97
22) Diisopropyl ether	3.999	45	8680	1.027	ug/l #	79
25) 2-Butanone	4.713	43	6832	2.674	ug/l #	82
40) Benzene	5.777	78	267232	22.502	ug/l	98
52) Toluene	7.970	92	3328	0.468	ug/l	83
67) Ethyl Benzene	9.571	91	73954	5.277	ug/l	99
68) m/p-Xylenes	9.693	106	55158	10.063	ug/l	98
69) o-Xylene	10.102	106	17455	3.241	ug/l	99
73) Isopropylbenzene	10.484	105	13909	0.948	ug/l	100
78) n-propylbenzene	10.906	91	24660	1.411	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	15501	1.215	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	91286	7.671	ug/l	97
85) sec-Butylbenzene	11.642	105	7736	0.505	ug/l	99
89) n-Butylbenzene	12.211	91	3262m	2.422	ug/l	

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

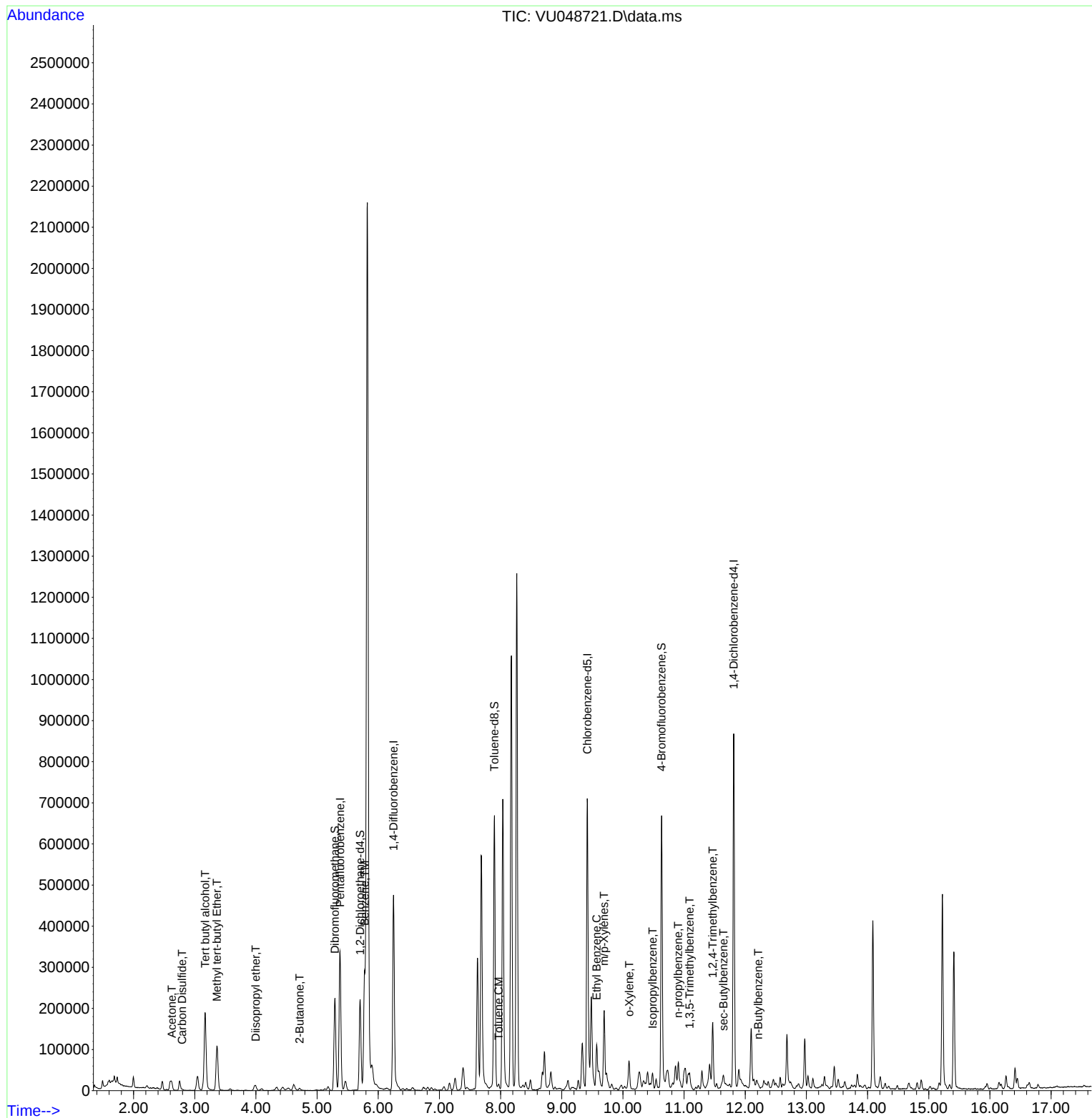
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048721.D
Acq On : 28 May 2022 03:11
Operator : SY/MD
Sample : N3033-10
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ALS Vial : 46 Sample Multiplier: 1

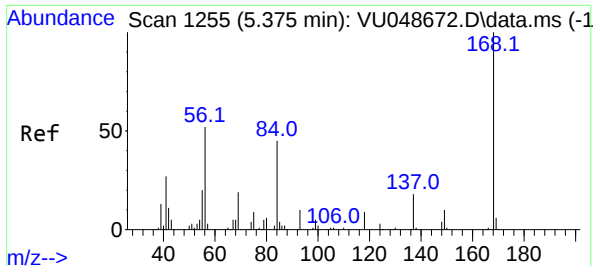
Instrument :
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Quant Time: May 30 03:00:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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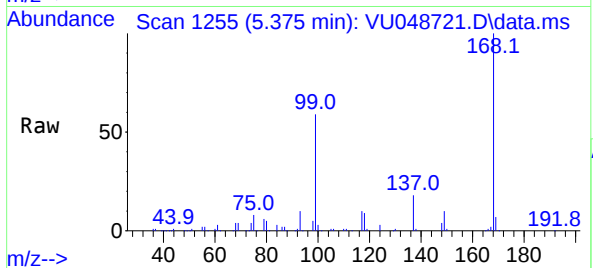
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

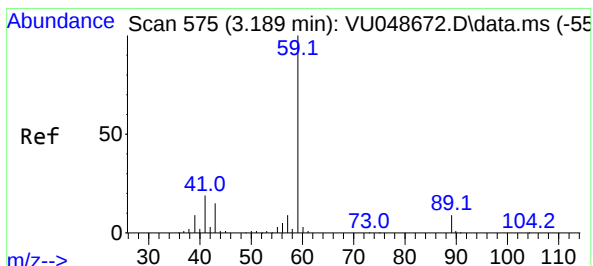
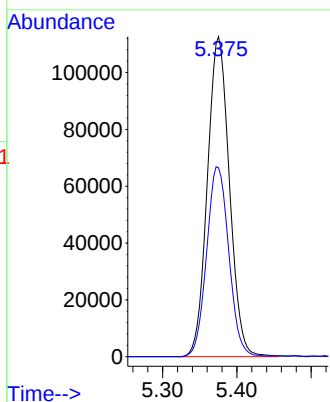
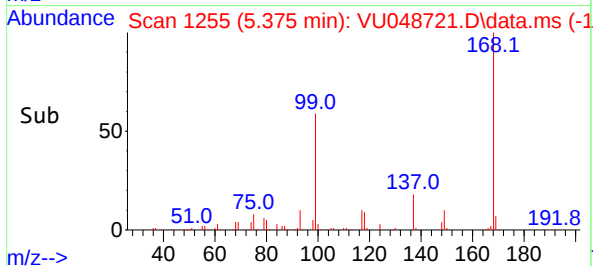
Instrument :
MSVOA_U
ClientSampleId :
TW-5



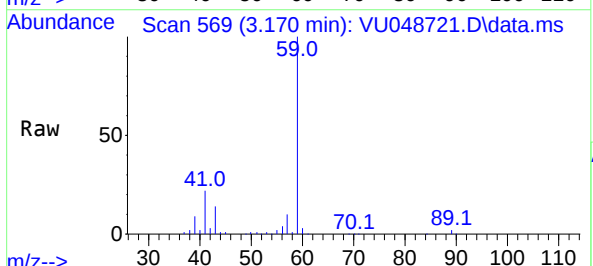
Tgt Ion:168 Resp: 232384
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9

Manual Integrations
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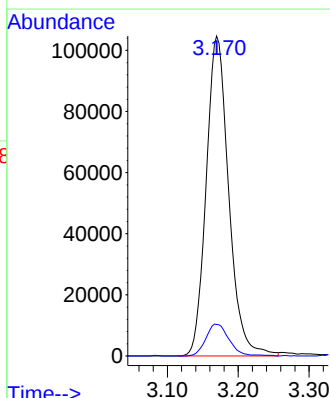
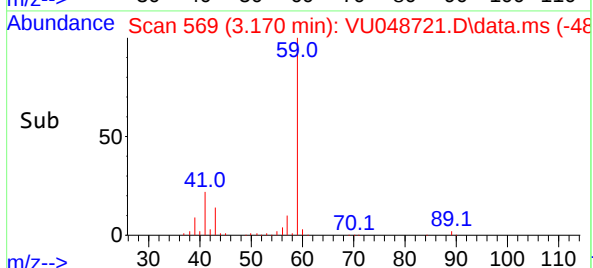
Reviewed By :John Carlone 05/31/2022
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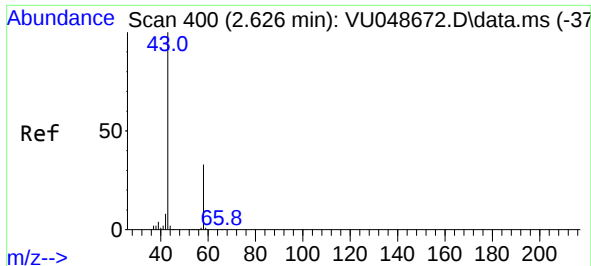


#11
Tert butyl alcohol
Concen: 261.448 ug/l
RT: 3.170 min Scan# 569
Delta R.T. -0.019 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11



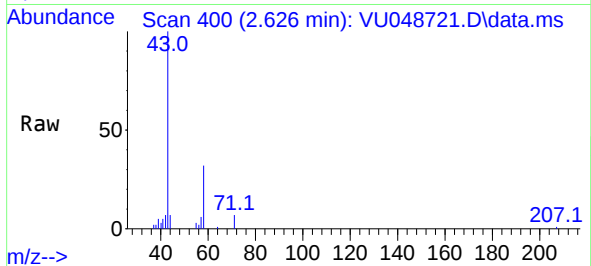
Tgt Ion: 59 Resp: 231330
Ion Ratio Lower Upper
59 100
57 10.3 39.7 59.5#





#16
Acetone
Concen: 11.867 ug/l m
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

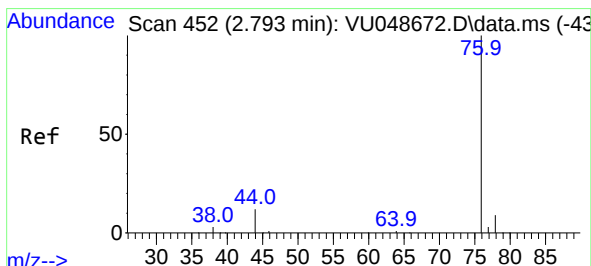
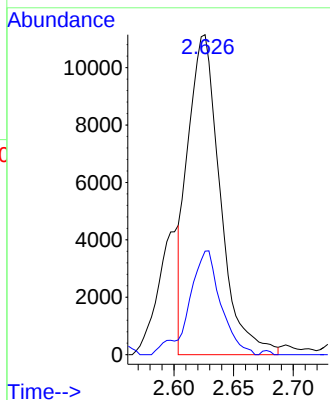
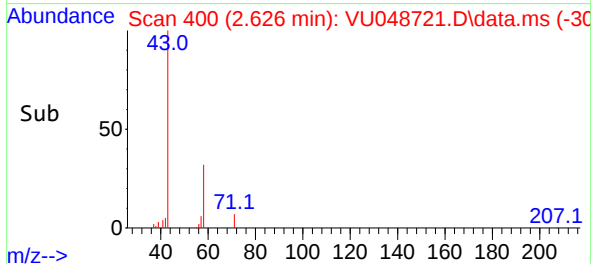
Instrument :
MSVOA_U
ClientSampleId :
TW-5



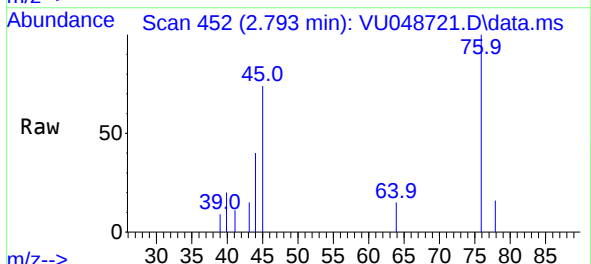
Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 32.4 26.3 39.5

Manual Integrations
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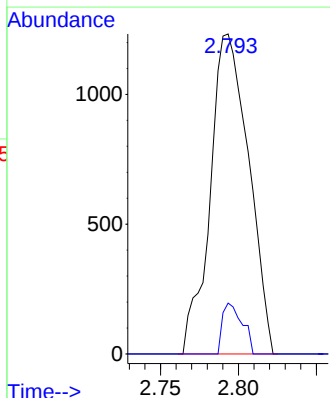
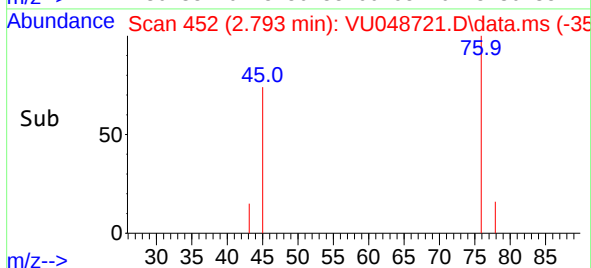
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

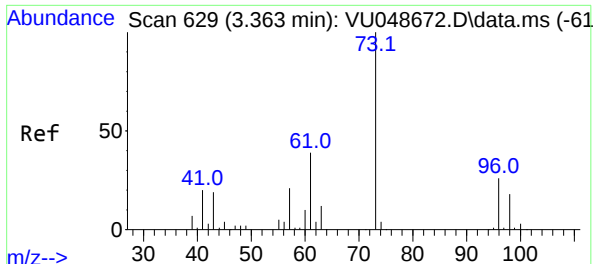


#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11



Tgt Ion: 76 Resp: 2123
Ion Ratio Lower Upper
76 100
78 15.9 7.3 10.9#





#19

Methyl tert-butyl Ether

Concen: 13.332 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

Tgt Ion: 73 Resp: 11964

Ion Ratio Lower Upper

73 100

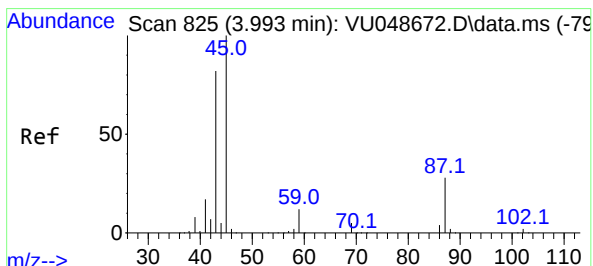
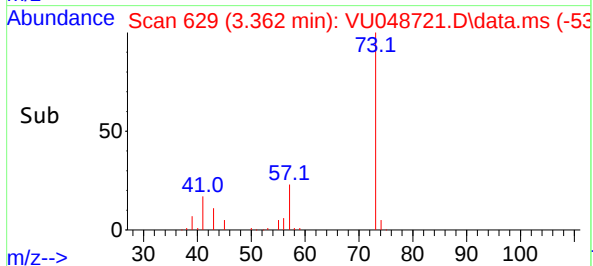
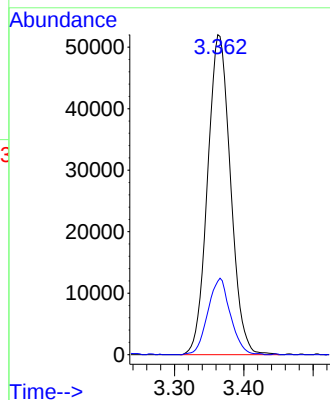
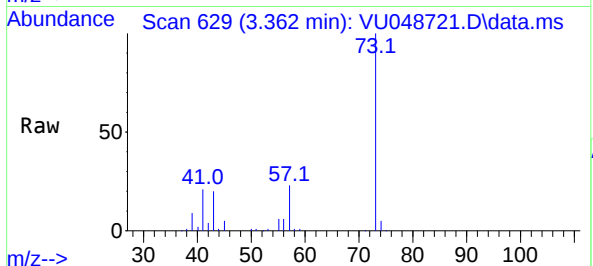
57 22.9 17.1 25.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 1.027 ug/l

RT: 3.999 min Scan# 827

Delta R.T. 0.006 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Tgt Ion: 45 Resp: 8680

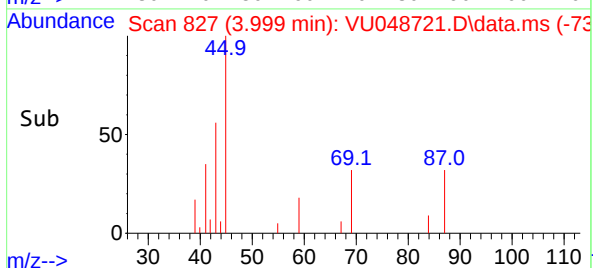
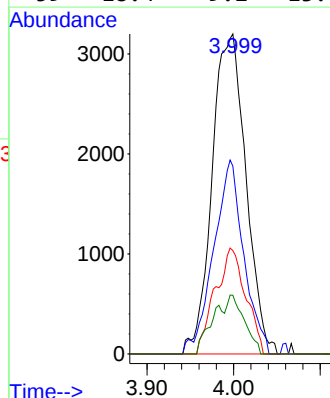
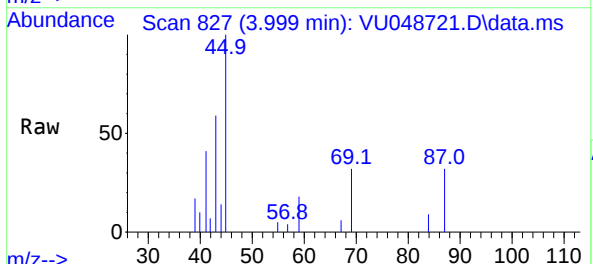
Ion Ratio Lower Upper

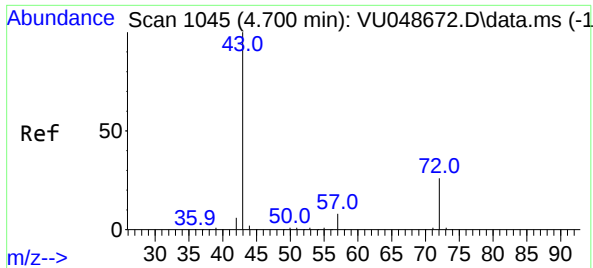
45 100

43 58.7 65.2 97.8#

87 32.3 22.7 34.1

59 18.4 9.2 13.8#





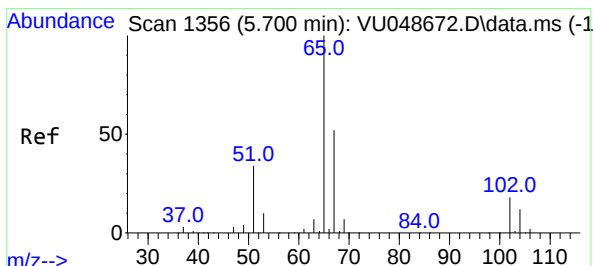
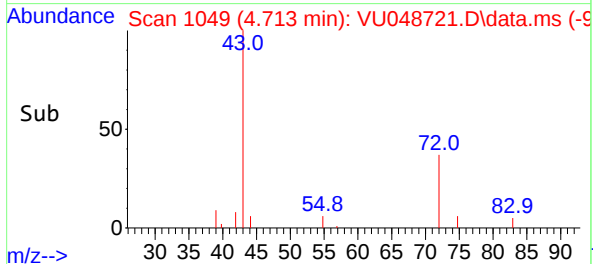
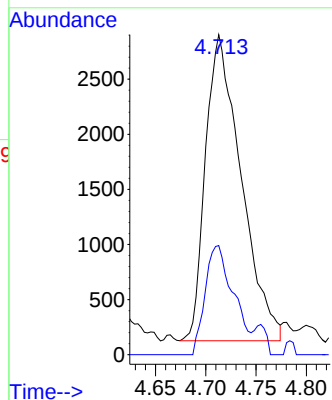
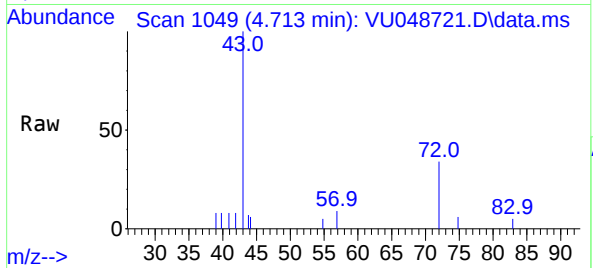
#25
2-Butanone
Concen: 2.674 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Instrument :
MSVOA_U
ClientSampleId :
TW-5

Tgt Ion: 43 Resp: 6832
Ion Ratio Lower Upper
43 100
72 35.6 21.1 31.7

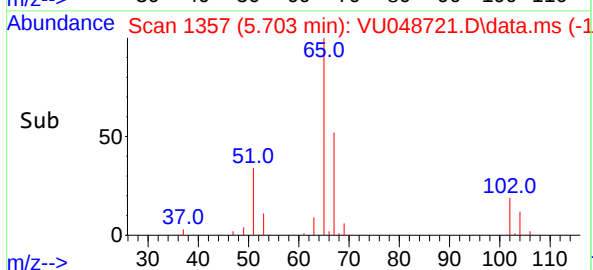
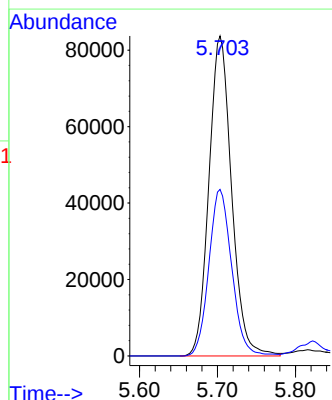
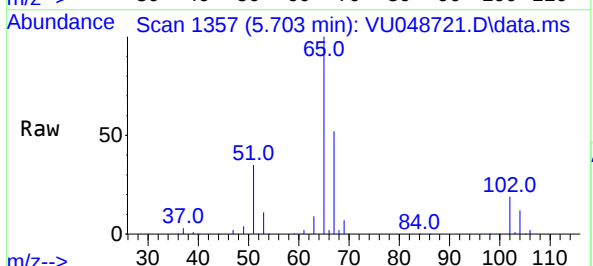
Manual Integrations
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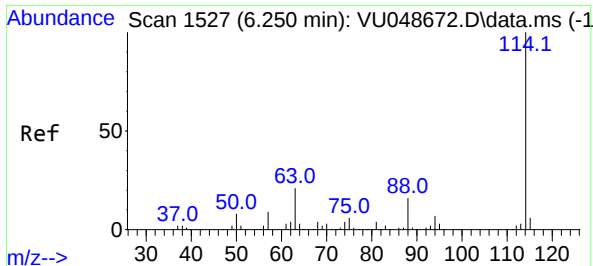
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#33
1,2-Dichloroethane-d4
Concen: 48.501 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

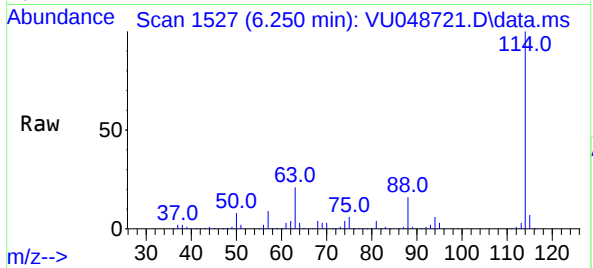
Tgt Ion: 65 Resp: 169265
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

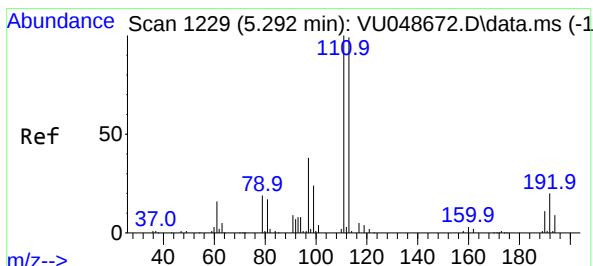
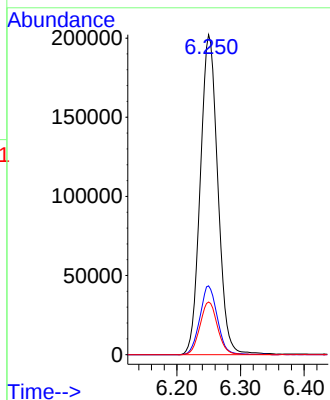
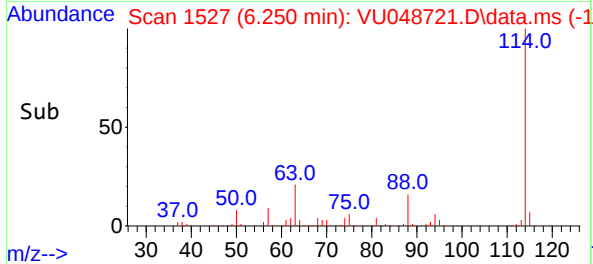
Instrument :
MSVOA_U
ClientSampleId :
TW-5



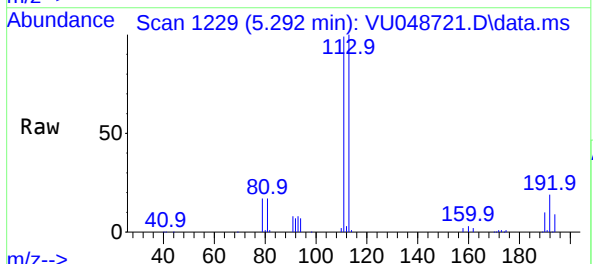
Tgt Ion:114 Resp: 38633
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.4 0.0 32.2

Manual Integrations
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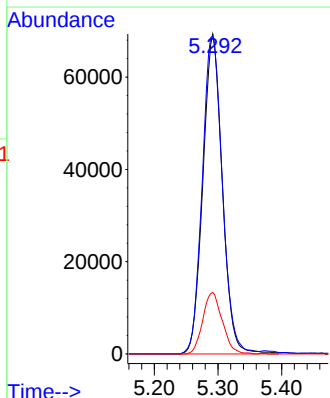
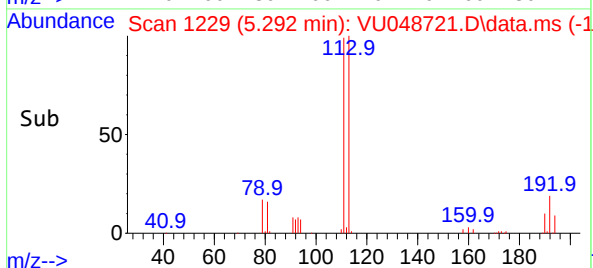
Reviewed By :John Carlone 05/31/2022
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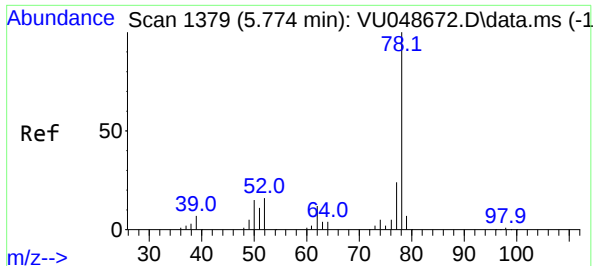


#35
Dibromofluoromethane
Concen: 53.208 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11



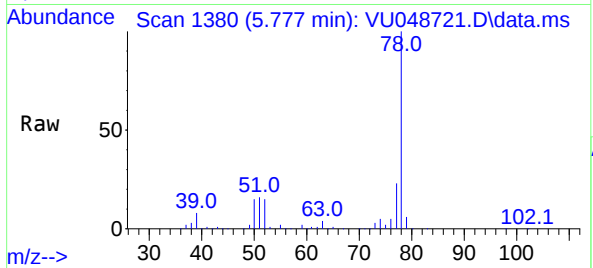
Tgt Ion:113 Resp: 146652
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
192 19.3 15.9 23.9





#40
Benzene
Concen: 22.502 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

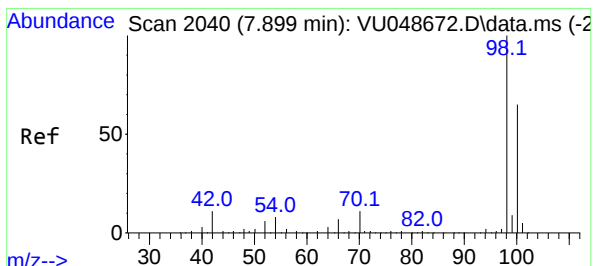
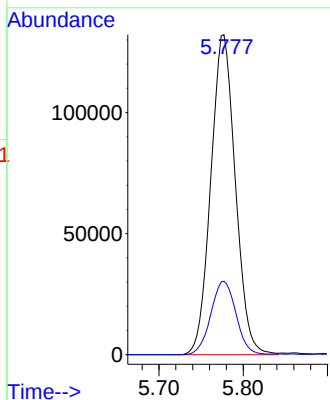
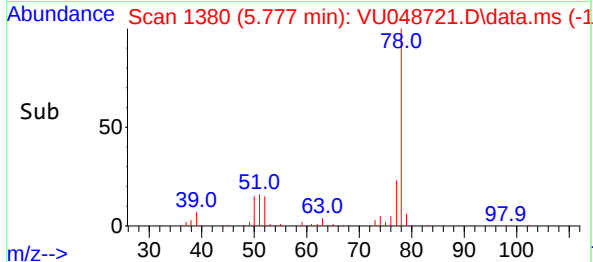
Instrument :
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TW-5



Tgt Ion: 78 Resp: 26723
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

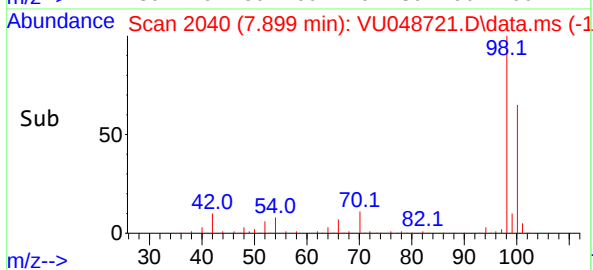
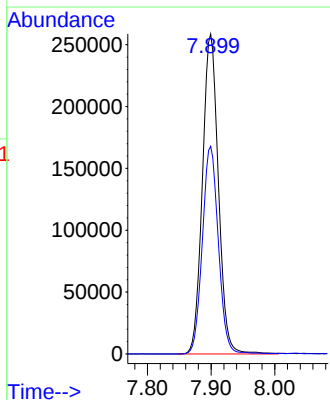
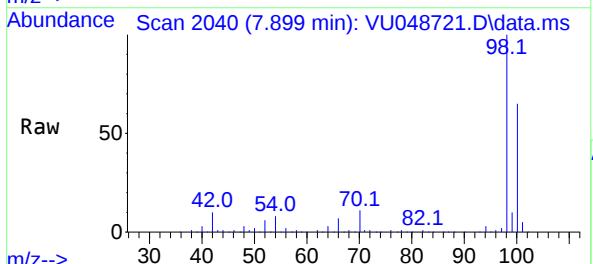
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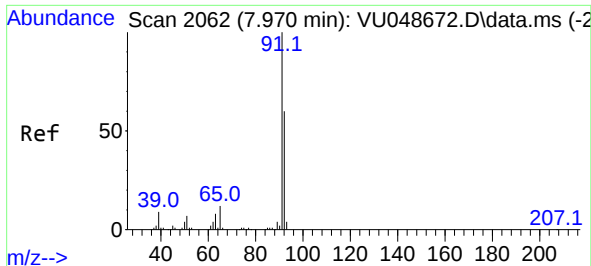
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 45.667 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 98 Resp: 451187
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





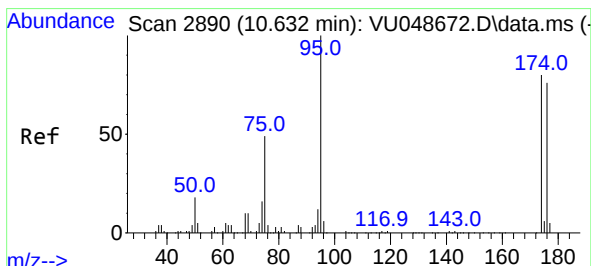
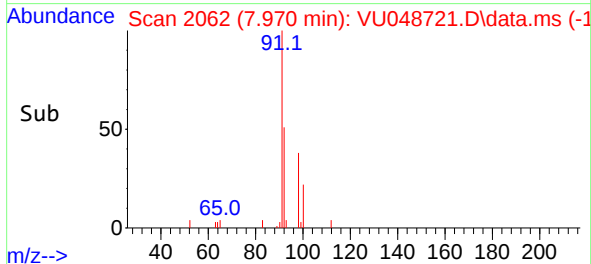
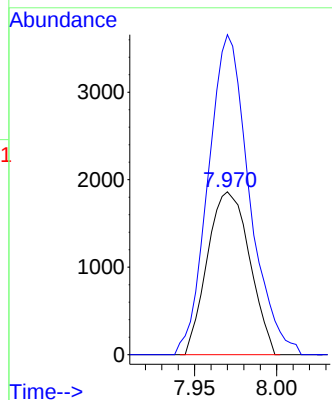
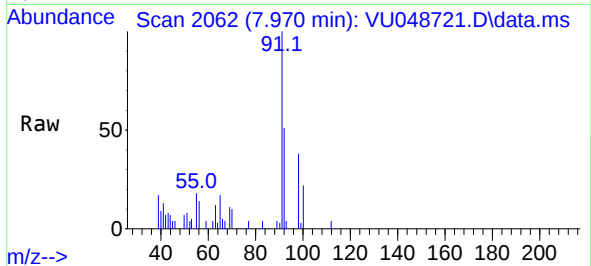
#52
Toluene
Concen: 0.468 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Instrument :
MSVOA_U
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TW-5

Tgt Ion: 92 Resp: 3328
Ion Ratio Lower Upper
92 100
91 191.6 135.0 202.4

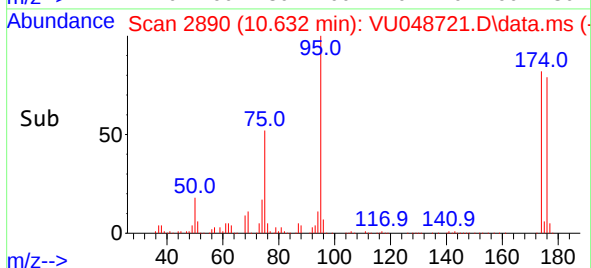
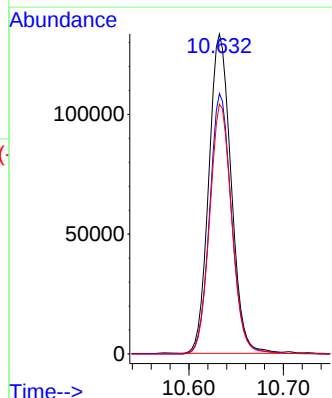
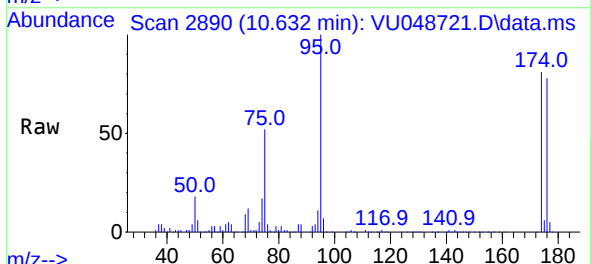
Manual Integrations
APPROVED

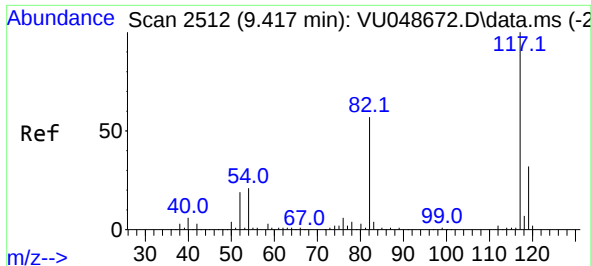
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 58.266 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

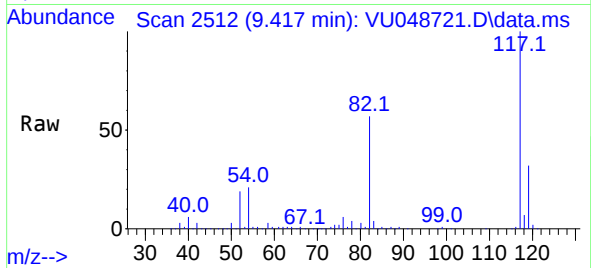
Tgt Ion: 95 Resp: 217713
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.4
176 77.6 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

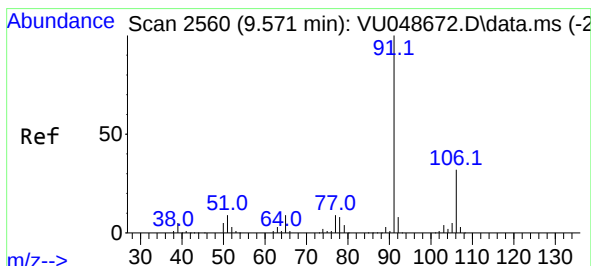
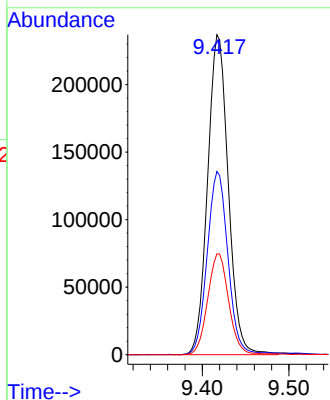
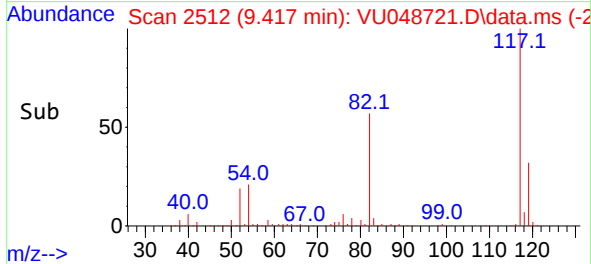
Instrument :
MSVOA_U
ClientSampleId :
TW-5



Tgt Ion:117 Resp: 392870
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 25.4 38.2

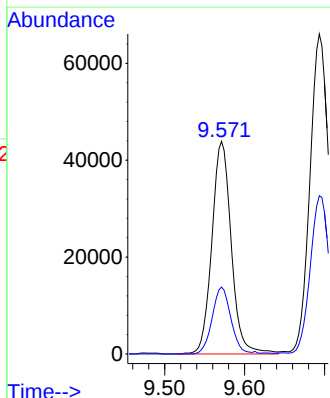
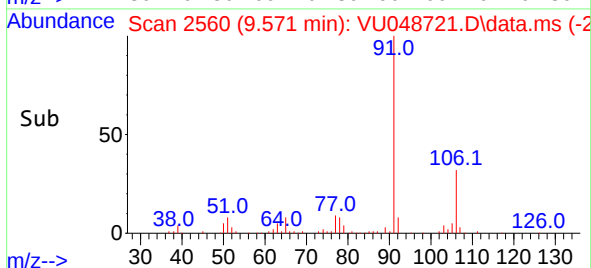
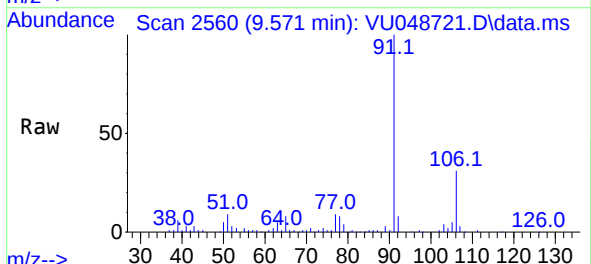
Manual Integrations
APPROVED

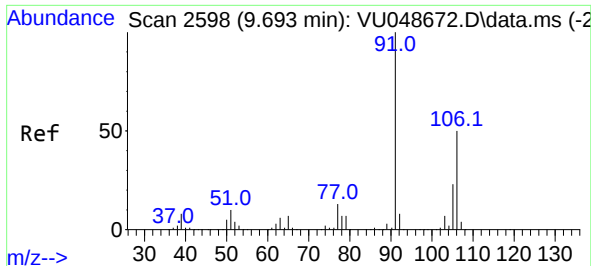
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#67
Ethyl Benzene
Concen: 5.277 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 91 Resp: 73954
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2





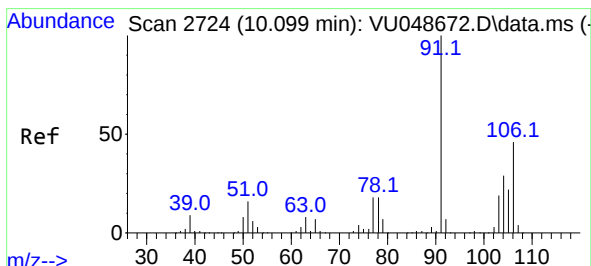
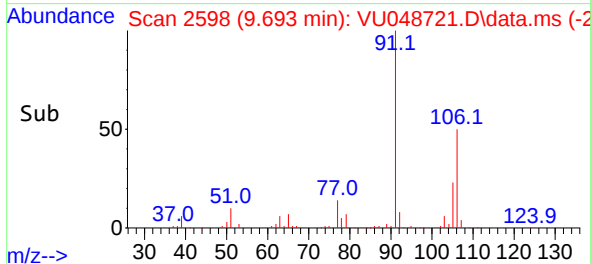
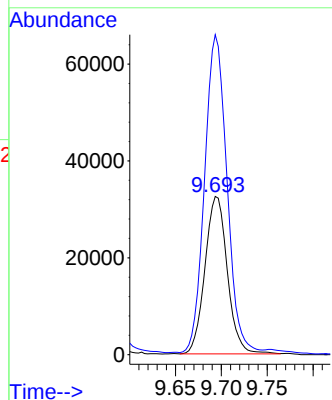
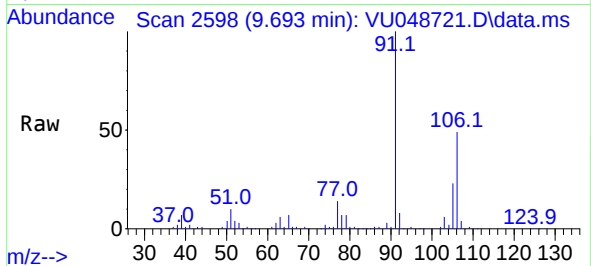
#68
m/p-Xylenes
Concen: 10.063 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Instrument :
MSVOA_U
ClientSampleId :
TW-5

Tgt Ion:106 Resp: 55158
Ion Ratio Lower Upper
106 100
91 200.7 162.4 243.6

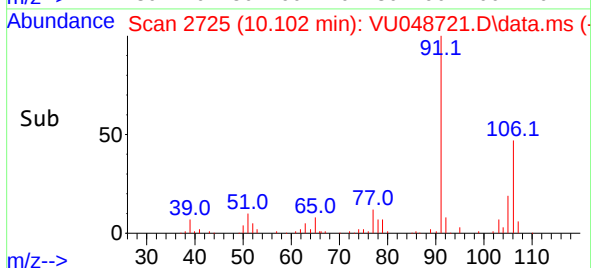
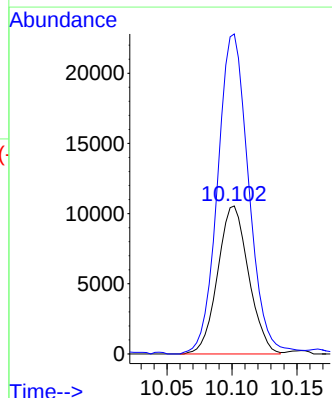
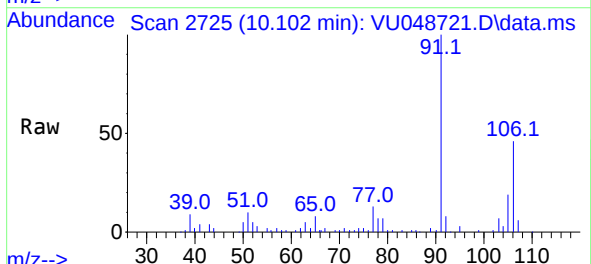
Manual Integrations
APPROVED

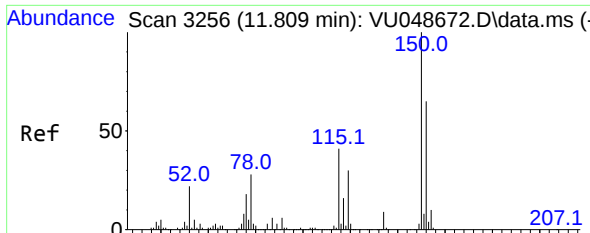
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#69
o-Xylene
Concen: 3.241 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

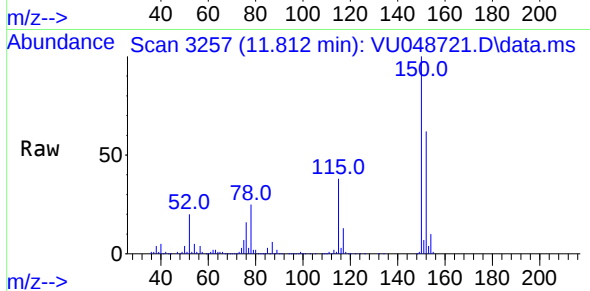
Tgt Ion:106 Resp: 17455
Ion Ratio Lower Upper
106 100
91 217.8 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

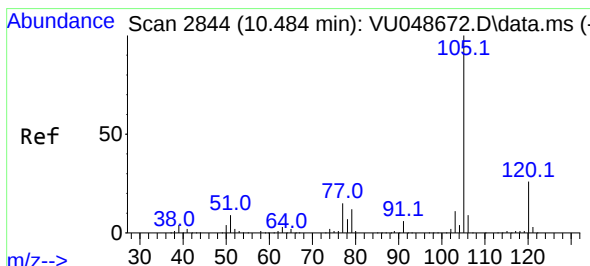
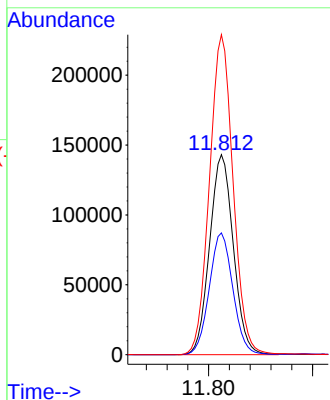
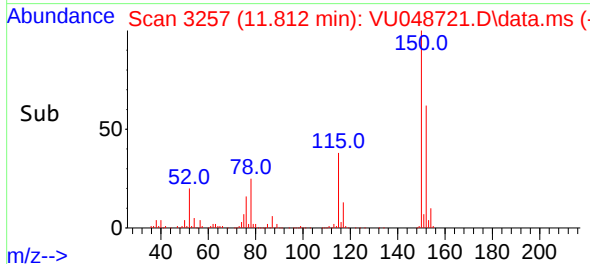
Instrument :
MSVOA_U
ClientSampleId :
TW-5



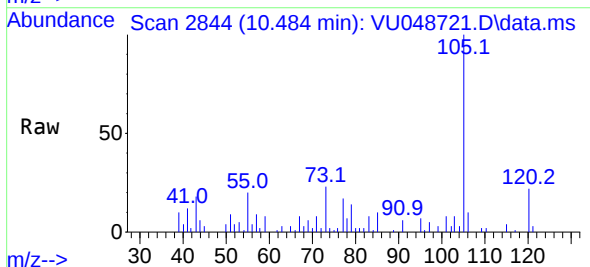
Tgt Ion:152 Resp: 227158
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 159.5 0.0 341.0

Manual Integrations
APPROVED

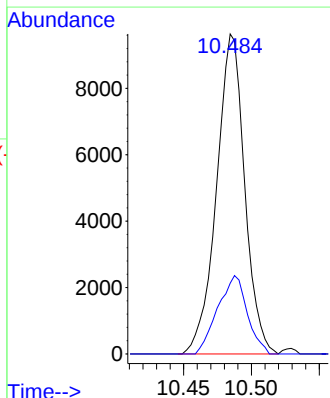
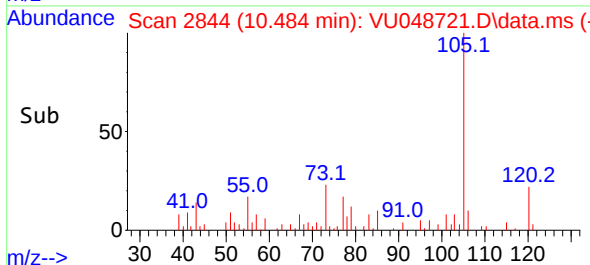
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

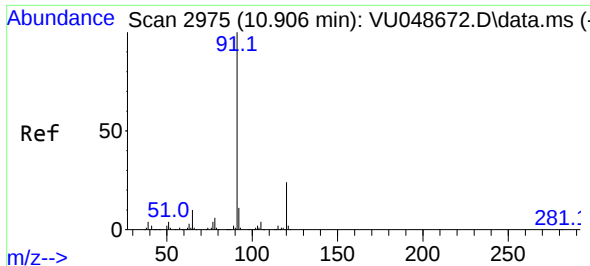


#73
Isopropylbenzene
Concen: 0.948 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11



Tgt Ion:105 Resp: 13909
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6





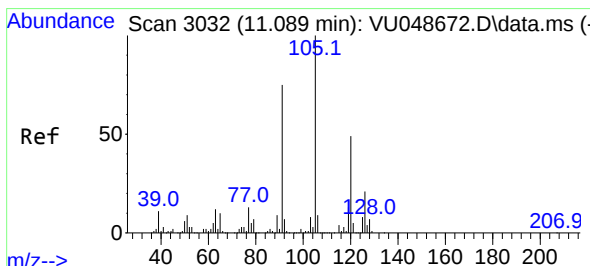
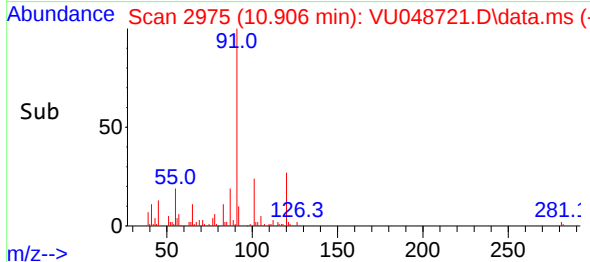
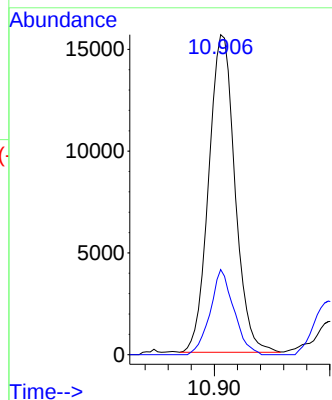
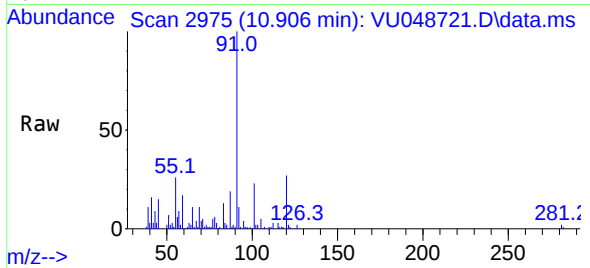
#78
n-propylbenzene
Concen: 1.411 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Instrument :
MSVOA_U
ClientSampleId :
TW-5

Tgt Ion: 91 Resp: 24660
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.7

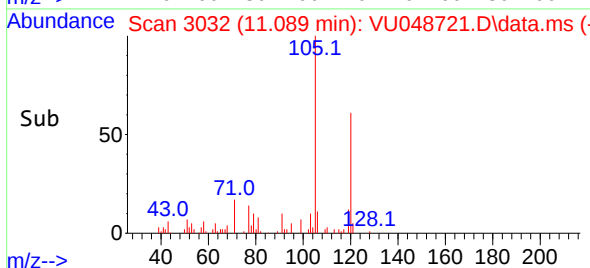
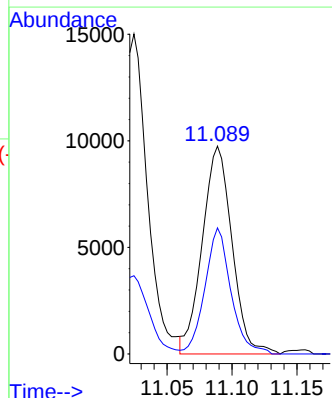
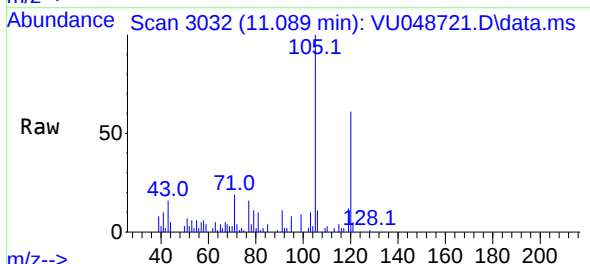
Manual Integrations
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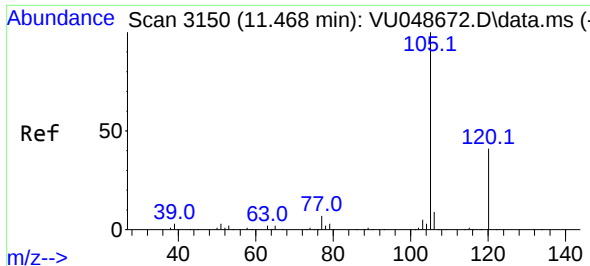
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.215 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

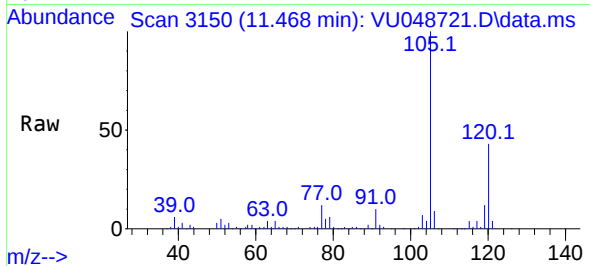
Tgt Ion:105 Resp: 15501
Ion Ratio Lower Upper
105 100
120 53.2 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 7.671 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

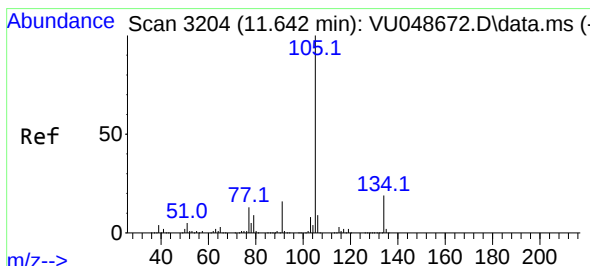
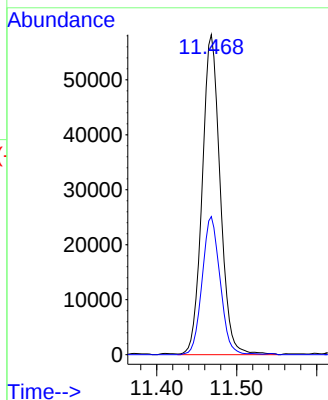
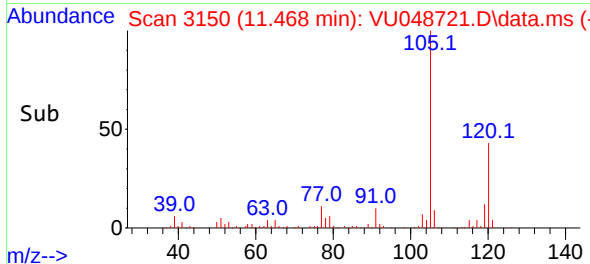
Instrument :
MSVOA_U
ClientSampleId :
TW-5



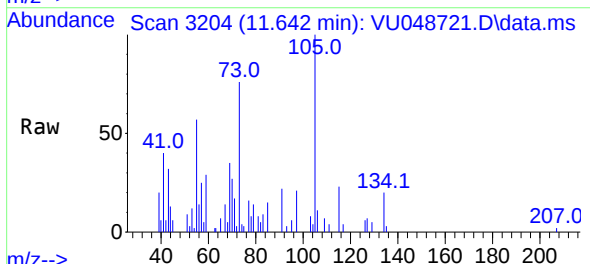
Tgt Ion:105 Resp: 91286
Ion Ratio Lower Upper
105 100
120 42.8 22.5 67.5

Manual Integrations
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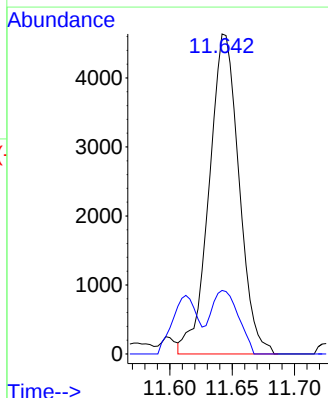
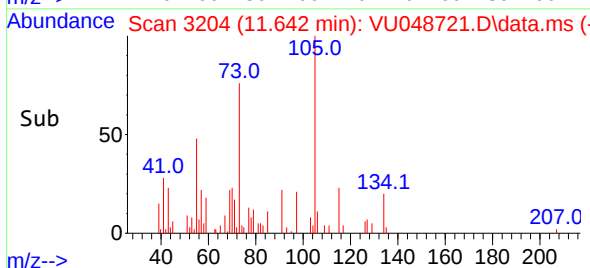
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

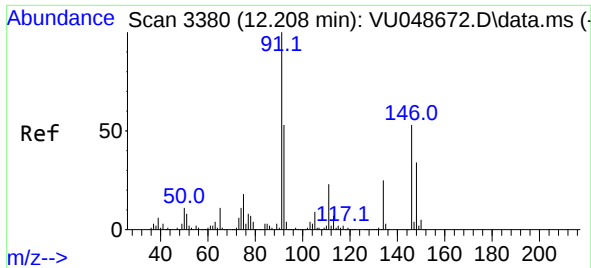


#85
sec-Butylbenzene
Concen: 0.505 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11



Tgt Ion:105 Resp: 7736
Ion Ratio Lower Upper
105 100
134 18.5 9.6 28.6





#89

n-Butylbenzene

Concen: 2.422 ug/l m

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

Tgt Ion: 91 Resp: 326

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 0.0 12.5 37.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022

