

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030374.D
 Acq On : 03 Aug 2022 16:34
 Operator : JC/MD
 Sample : N3988-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 63022-B

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 04:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	101621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	193884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	192465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129279	63.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.580%#			
35) Dibromofluoromethane	5.397	113	94571	51.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.653	98	337531	47.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.060%			
62) 4-Bromofluorobenzene	11.085	95	132986	49.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.840%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.952	59	8730m	17.522	ug/l	
16) Acetone	2.385	43	160201	153.197	ug/l	89
18) Methyl Acetate	2.708	43	9846	3.183	ug/l	97
20) Methylene Chloride	2.794	84	20271	9.242	ug/l	89
25) 2-Butanone	4.574	43	28422	16.174	ug/l	97
37) Ethyl Acetate	4.726	43	35764	9.468	ug/l	97
40) Benzene	6.043	78	2417537	288.073	ug/l	96
43) Isopropyl Acetate	6.348	43	146314	26.424	ug/l	96
52) Toluene	8.726	92	1981218	386.950	ug/l	99
67) Ethyl Benzene	10.195	91	650278	59.883	ug/l	96
68) m/p-Xylenes	10.305	106	1333402	376.487	ug/l	92
69) o-Xylene	10.646	106	1319627	378.043	ug/l	90
73) Isopropylbenzene	10.963	105	34213	3.378	ug/l	98
78) n-propylbenzene	11.305	91	95657	7.914	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	287959	33.959	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1196636	141.448	ug/l	80
95) Naphthalene	13.780	128	8087302	786.862	ug/l	95

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

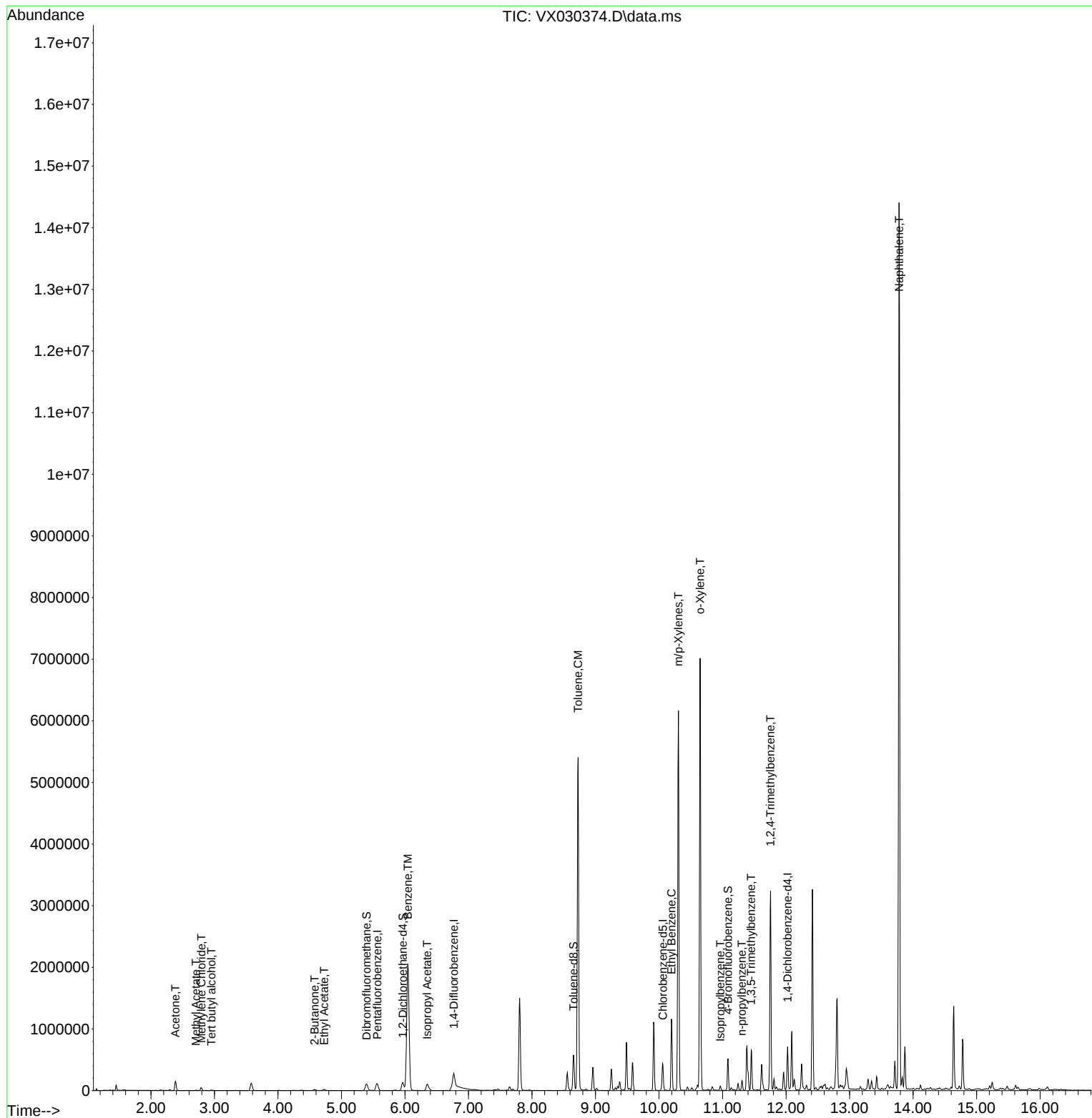
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
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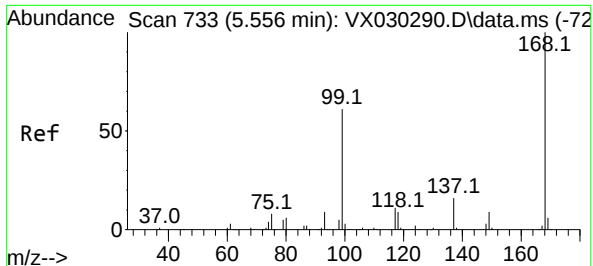
Instrument :
MSVOA_X
ClientSampleId :
63022-B

Quant Time: Aug 04 04:43:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

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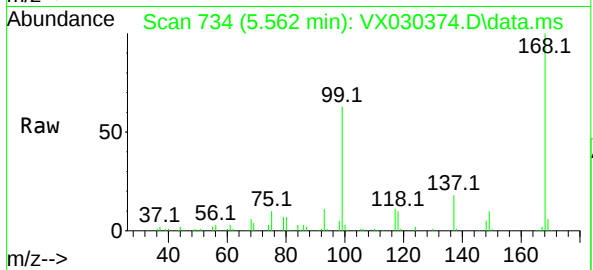
Reviewed By : John Carlone 08/04/2022
Supervised By : Mahesh Dadoda 08/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

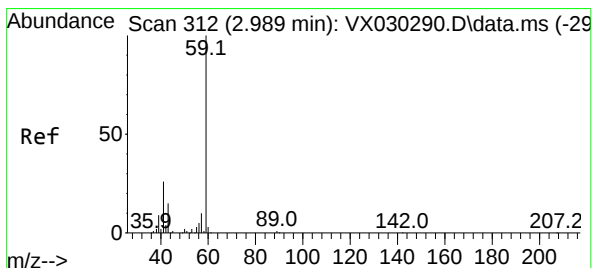
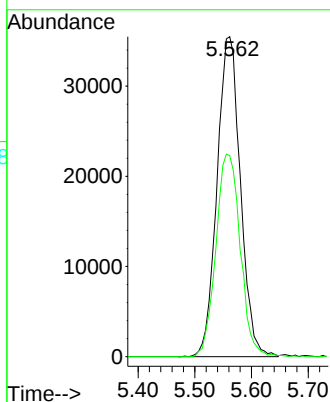
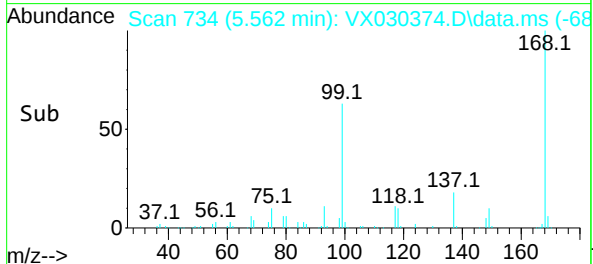
Instrument :
MSVOA_X
ClientSampleId :
63022-B



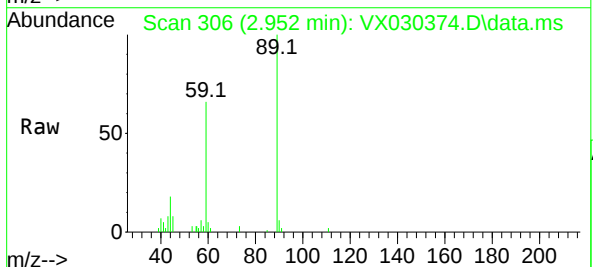
Tgt Ion:168 Resp: 10162
Ion Ratio Lower Upper
168 100
99 62.9 44.0 66.0

Manual Integrations
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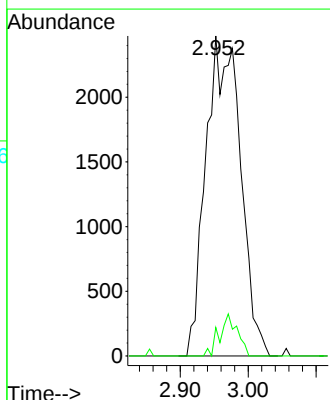
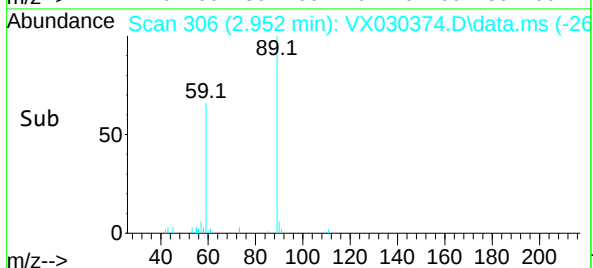
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

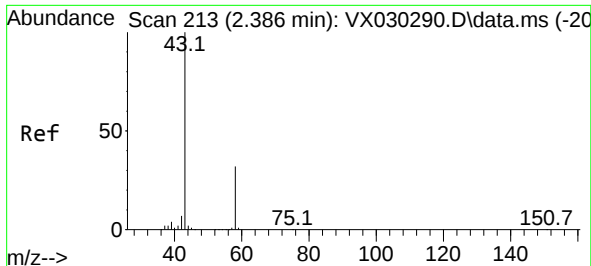


#11
Tert butyl alcohol
Concen: 17.522 ug/l m
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



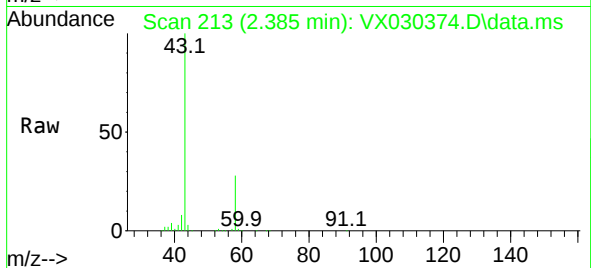
Tgt Ion: 59 Resp: 8730
Ion Ratio Lower Upper
59 100
57 6.7 7.4 11.2#





#16
Acetone
Concen: 153.197 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

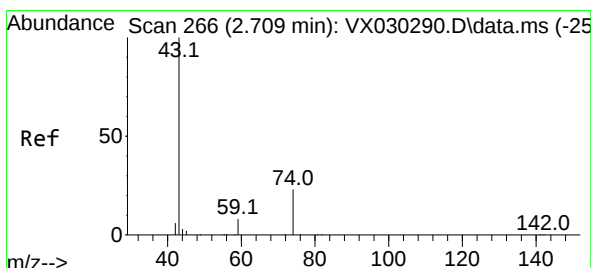
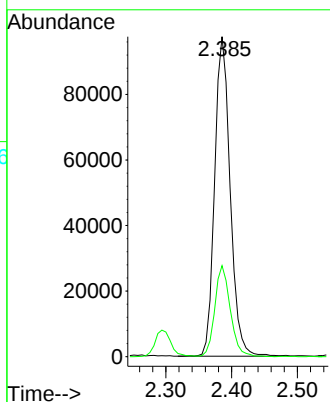
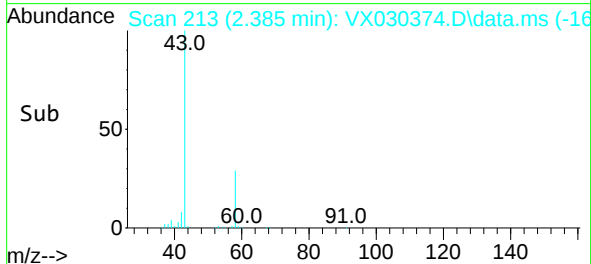
Instrument :
MSVOA_X
ClientSampleId :
63022-B



Tgt Ion: 43 Resp: 16020
Ion Ratio Lower Upper
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58 28.4 27.7 41.5

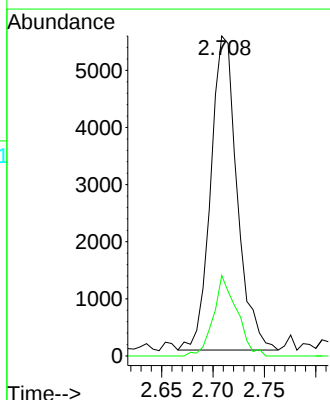
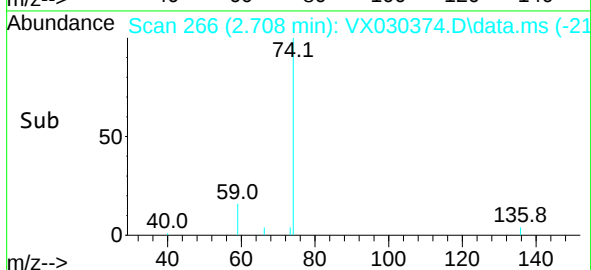
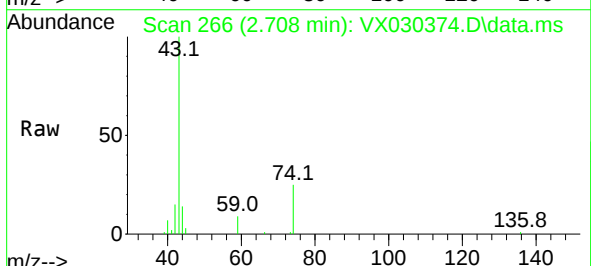
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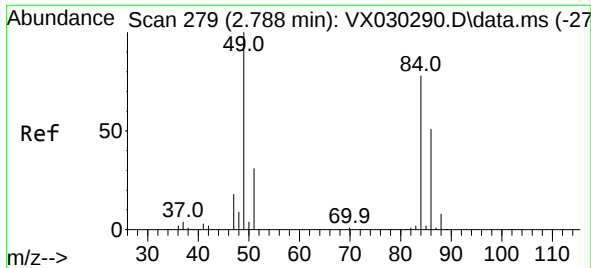
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#18
Methyl Acetate
Concen: 3.183 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

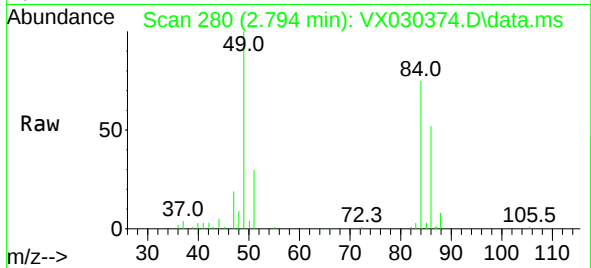
Tgt Ion: 43 Resp: 9846
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





#20
Methylene Chloride
Concen: 9.242 ug/l
RT: 2.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

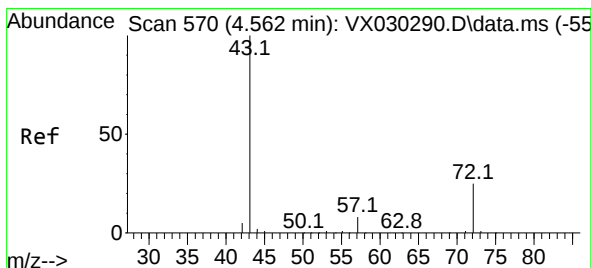
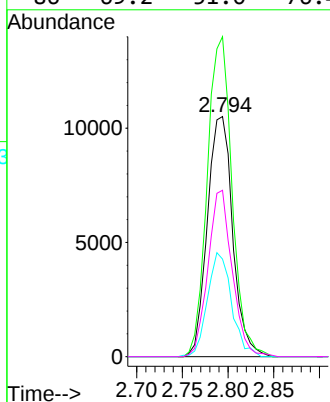
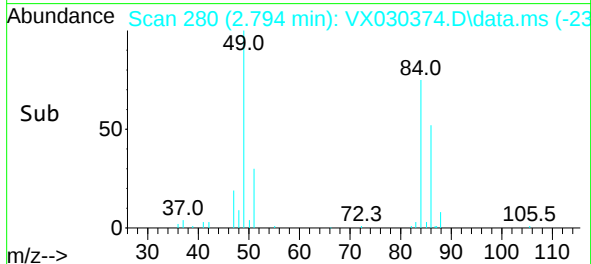
Instrument :
MSVOA_X
ClientSampleId :
63022-B



Tgt Ion: 84 Resp: 2027
Ion Ratio Lower Upper
84 100
49 133.2 93.8 140.6
51 40.6 29.4 44.0
86 69.2 51.0 76.4

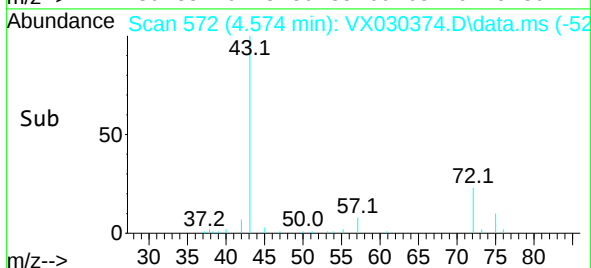
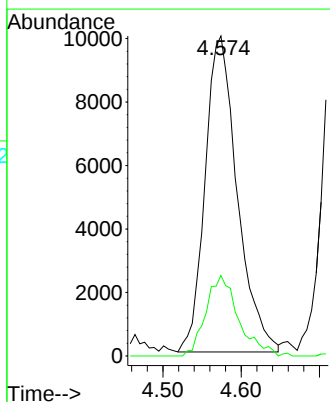
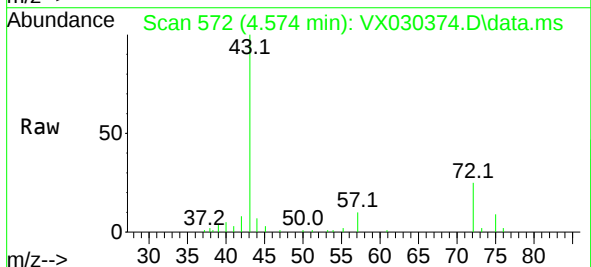
Manual Integrations
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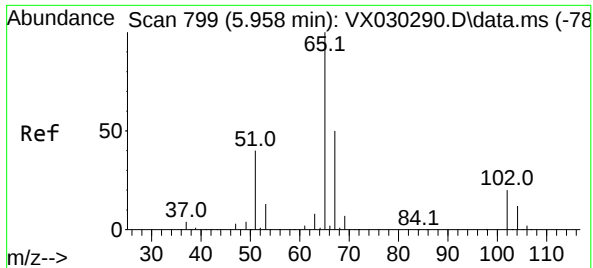
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#25
2-Butanone
Concen: 16.174 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

Tgt Ion: 43 Resp: 28422
Ion Ratio Lower Upper
43 100
72 25.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 63.294 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX030374.D

Acq: 03 Aug 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

63022-B

Tgt Ion: 65 Resp: 129279

Ion Ratio Lower Upper

65 100

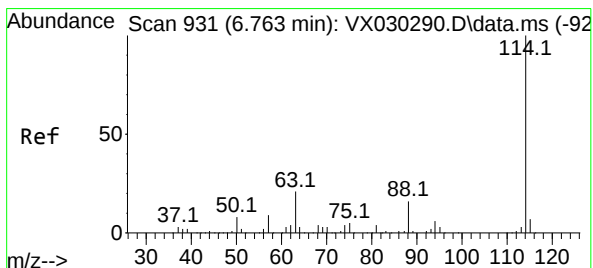
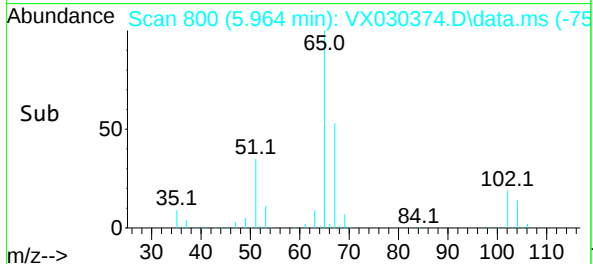
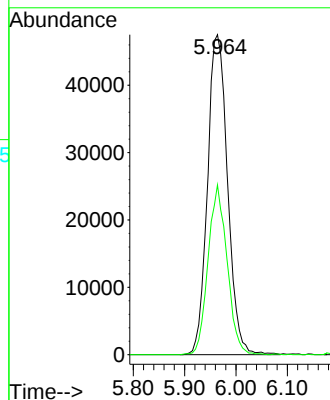
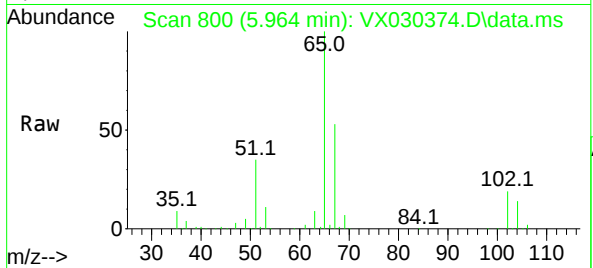
67 50.1 0.0 109.6

Manual Integrations

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Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030374.D

Acq: 03 Aug 2022 16:34

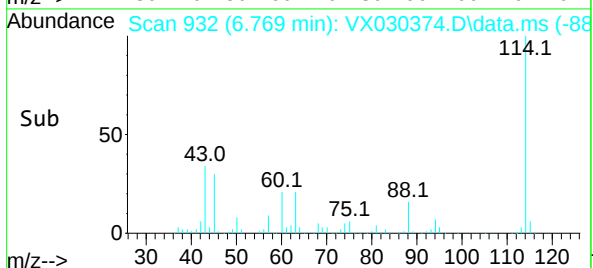
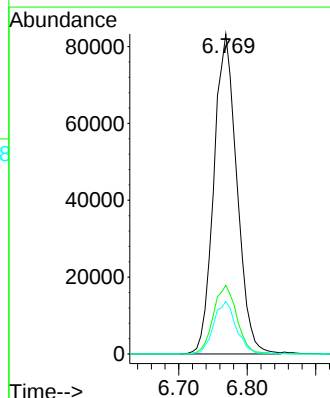
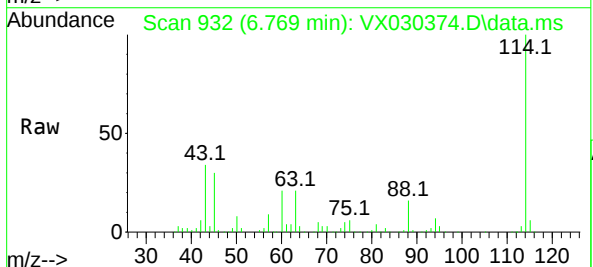
Tgt Ion:114 Resp: 193884

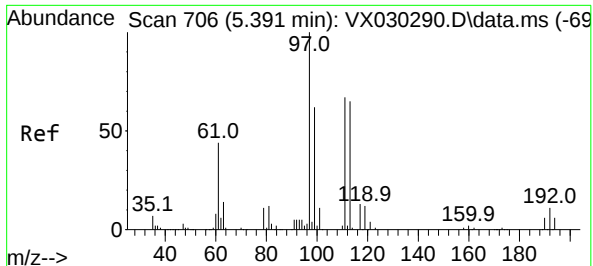
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.025 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030374.D

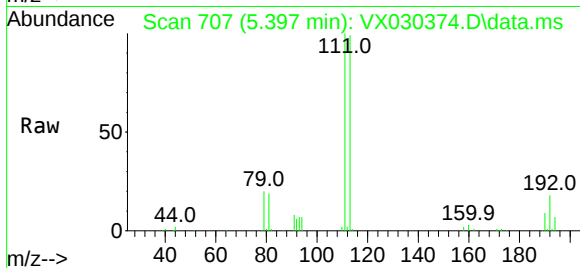
Acq: 03 Aug 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

63022-B



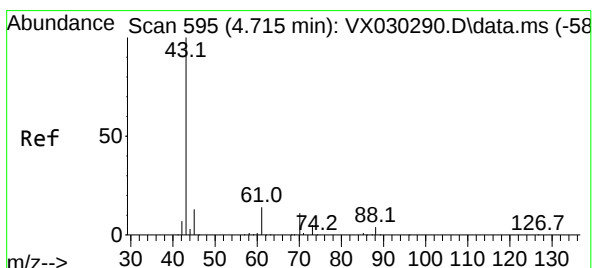
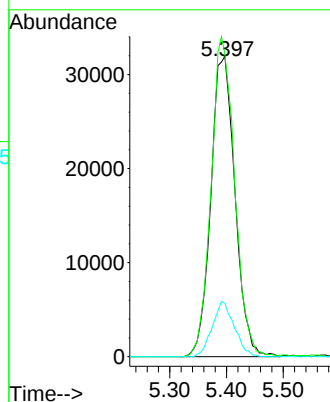
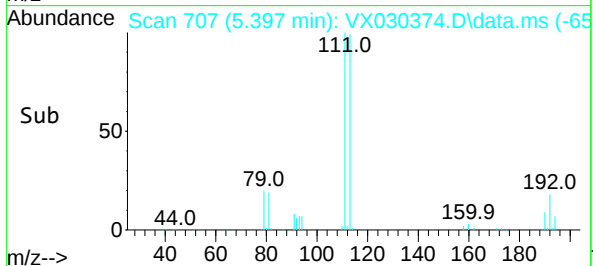
Tgt Ion:	113	Resp:	9457
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	16.8	14.8	22.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/04/2022



#37

Ethyl Acetate

Concen: 9.468 ug/l

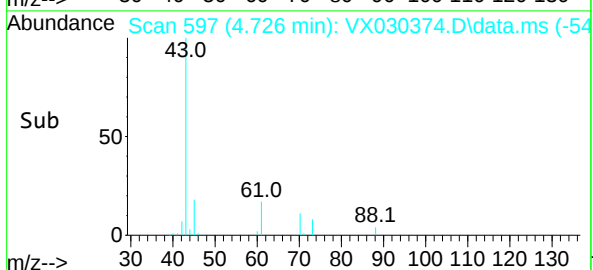
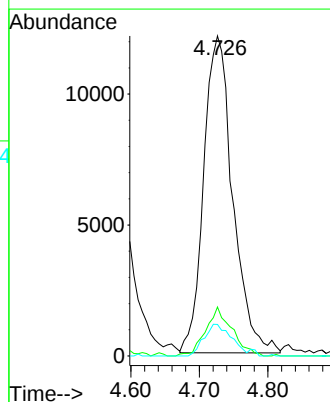
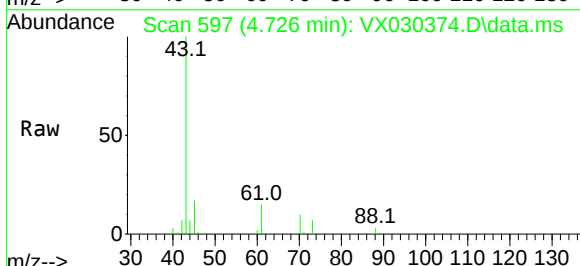
RT: 4.726 min Scan# 597

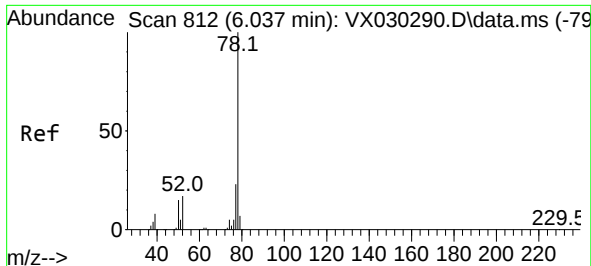
Delta R.T. 0.006 min

Lab File: VX030374.D

Acq: 03 Aug 2022 16:34

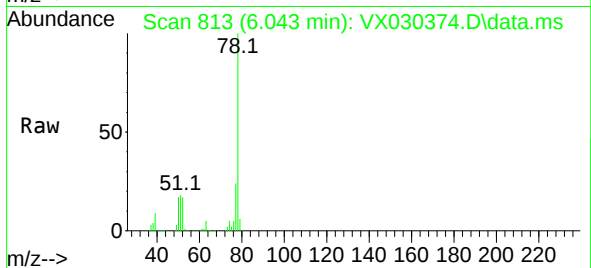
Tgt Ion:	43	Resp:	35764
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	9.9	9.3	13.9





#40
Benzene
Concen: 288.073 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

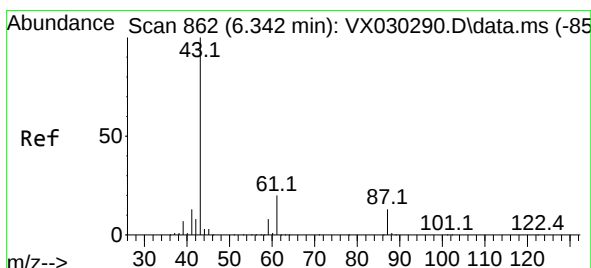
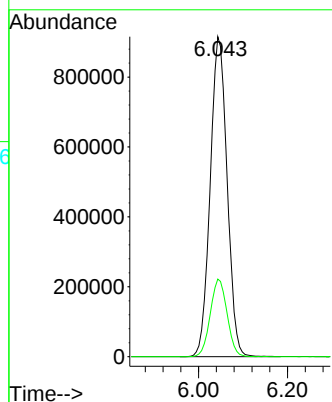
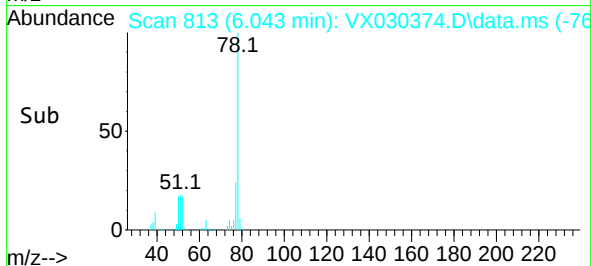
Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 241753
Ion Ratio Lower Upper
78 100
77 24.3 18.0 27.0

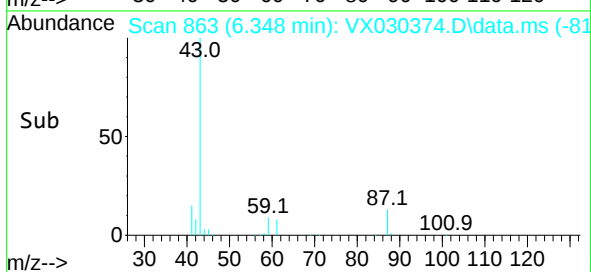
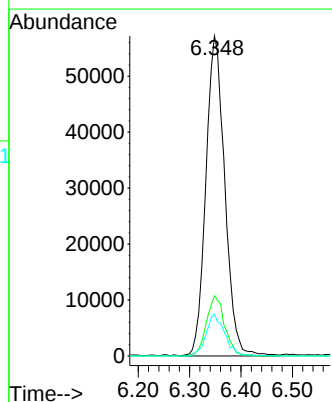
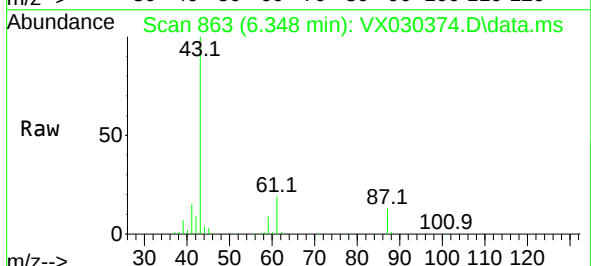
Manual Integrations
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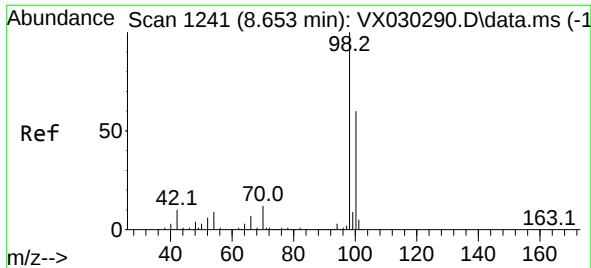
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#43
Isopropyl Acetate
Concen: 26.424 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

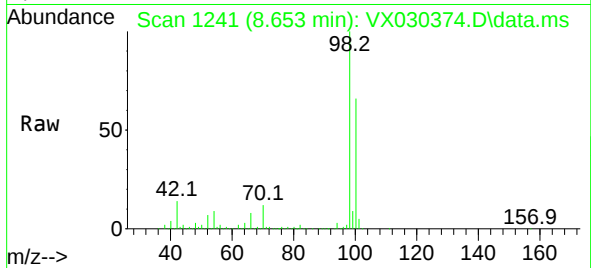
Tgt Ion: 43 Resp: 146314
Ion Ratio Lower Upper
43 100
61 18.1 16.5 24.7
87 12.7 11.1 16.7





#50
Toluene-d8
Concen: 47.025 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

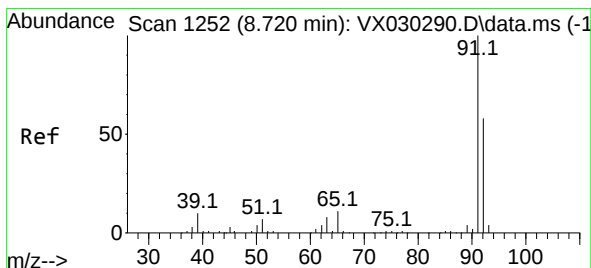
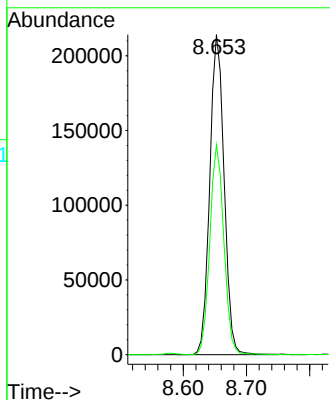
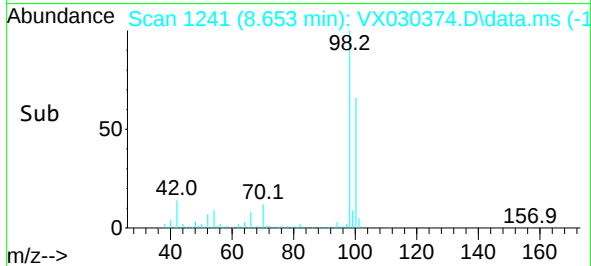
Instrument :
MSVOA_X
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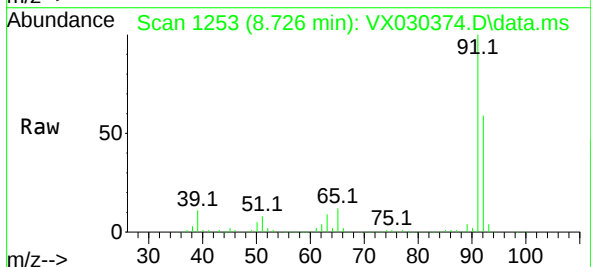
Tgt Ion: 98 Resp: 33753
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

Manual Integrations
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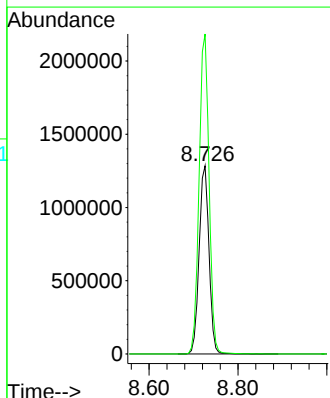
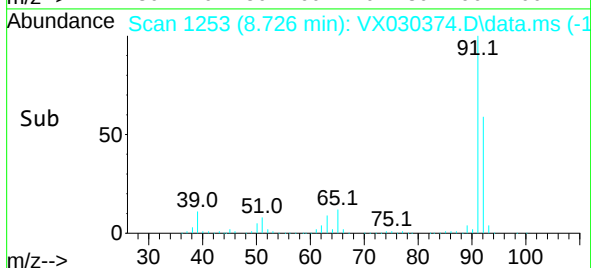
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

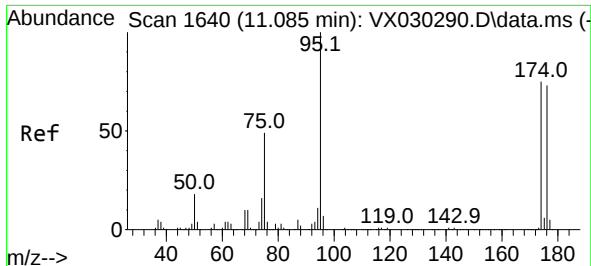


#52
Toluene
Concen: 386.950 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



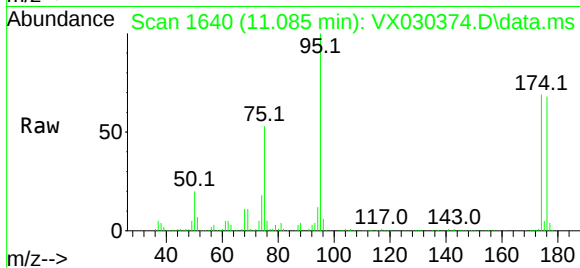
Tgt Ion: 92 Resp: 1981218
Ion Ratio Lower Upper
92 100
91 172.1 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 49.923 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

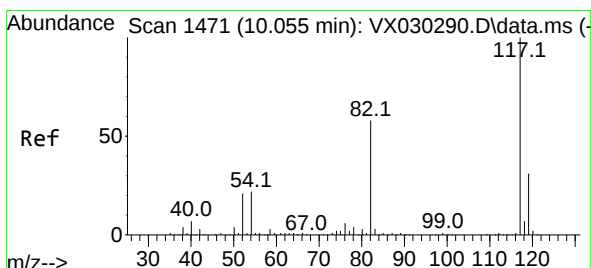
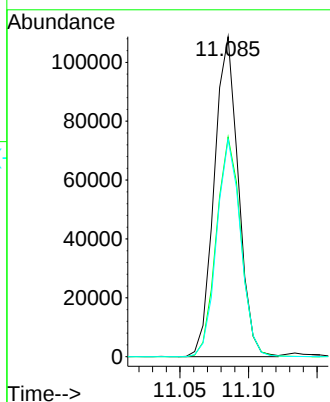
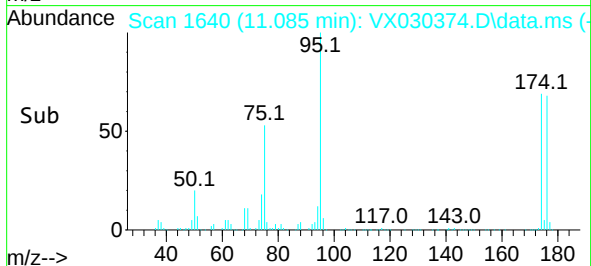
Instrument :
MSVOA_X
ClientSampleId :
63022-B



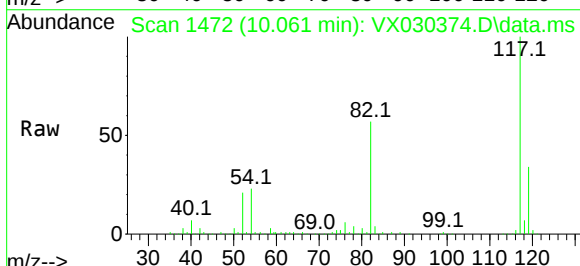
Tgt Ion: 95 Resp: 132980
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.0
176 67.4 0.0 146.0

Manual Integrations
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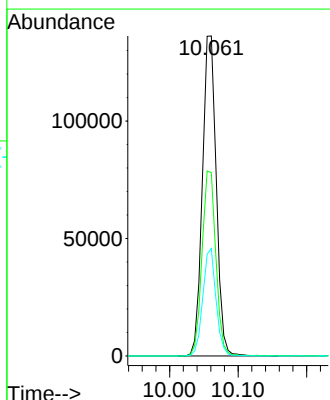
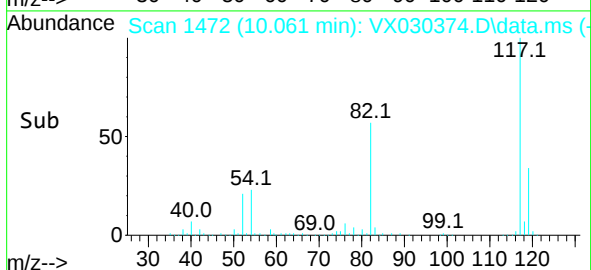
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

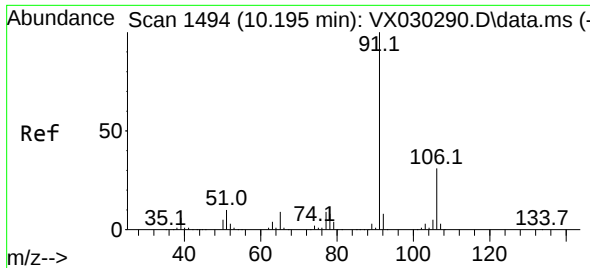


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



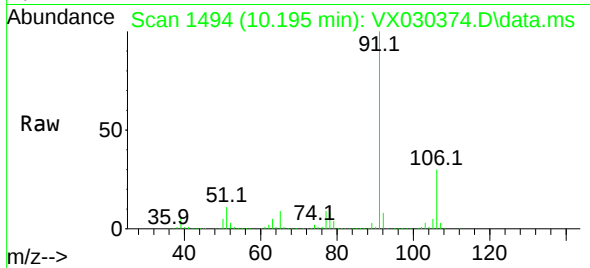
Tgt Ion:117 Resp: 192465
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 33.6 25.4 38.2





#67
Ethyl Benzene
Concen: 59.883 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

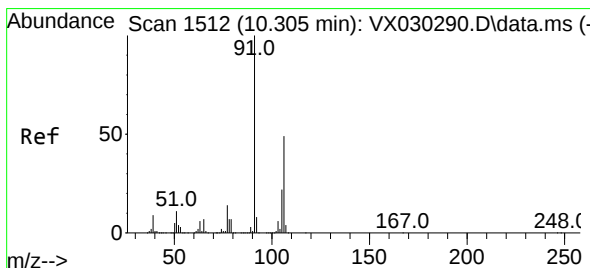
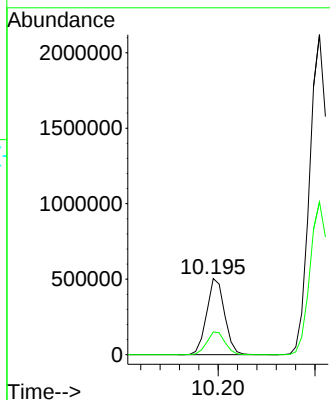
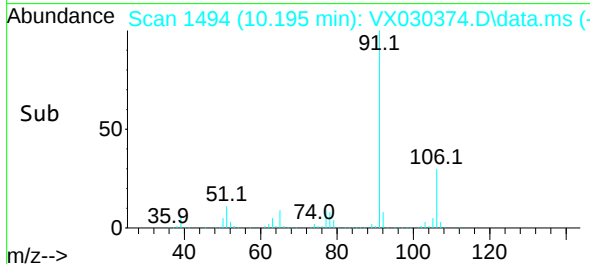
Instrument :
MSVOA_X
ClientSampleId :
63022-B



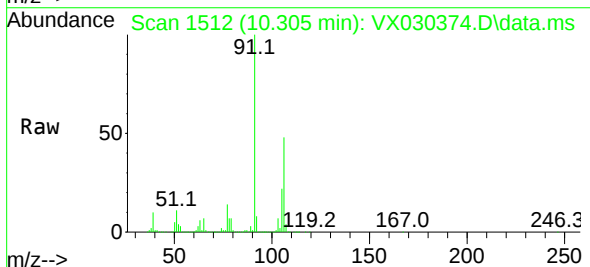
Tgt Ion: 91 Resp: 650278
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3

Manual Integrations
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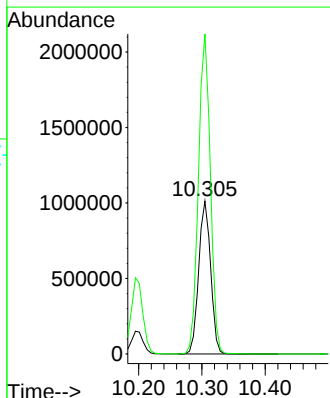
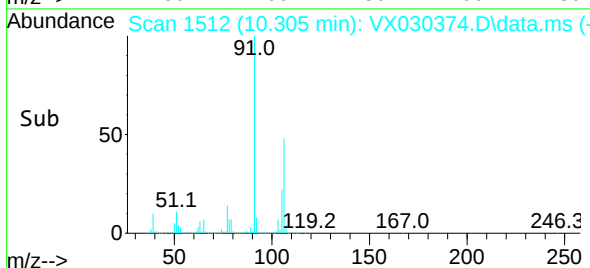
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

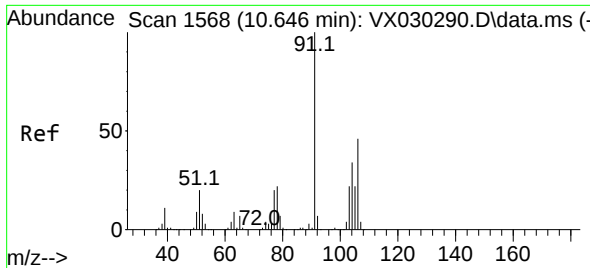


#68
m/p-Xylenes
Concen: 376.487 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



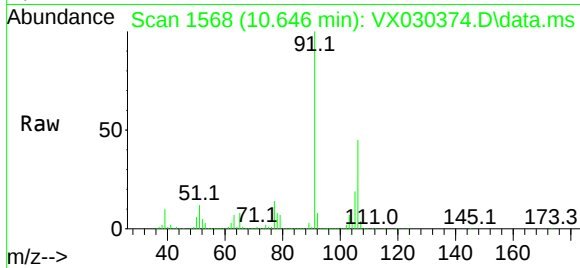
Tgt Ion:106 Resp: 1333402
Ion Ratio Lower Upper
106 100
91 209.8 158.2 237.4





#69
o-Xylene
Concen: 378.043 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

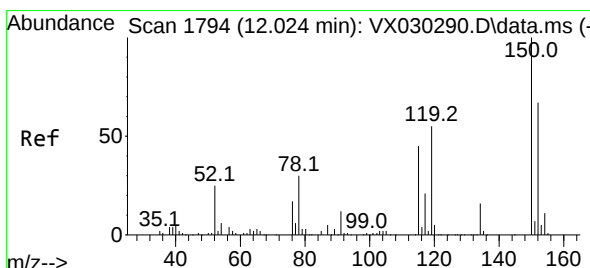
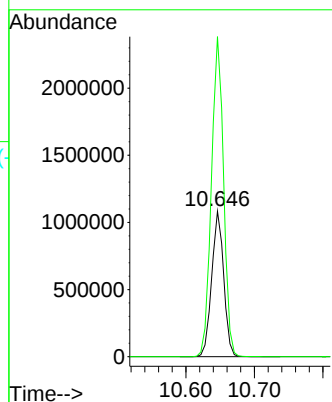
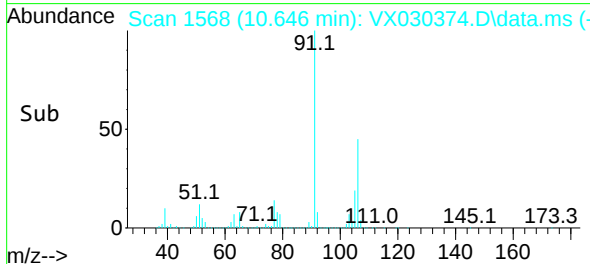
Instrument :
MSVOA_X
ClientSampleId :
63022-B



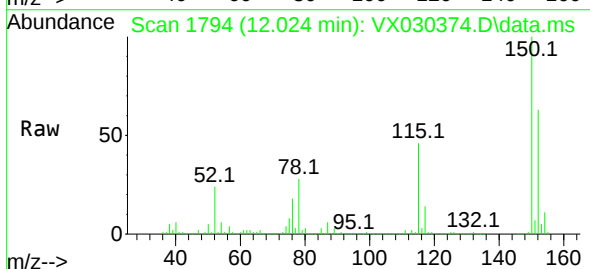
Tgt Ion:106 Resp: 131962
Ion Ratio Lower Upper
106 100
91 223.0 103.8 311.6

Manual Integrations
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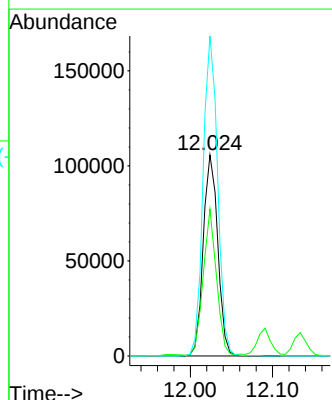
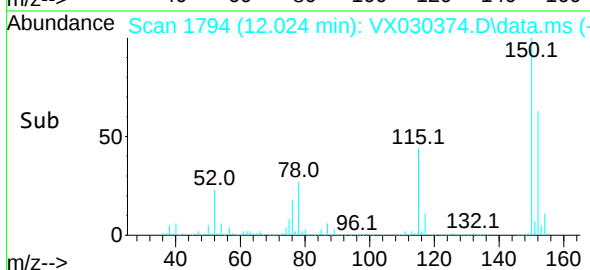
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

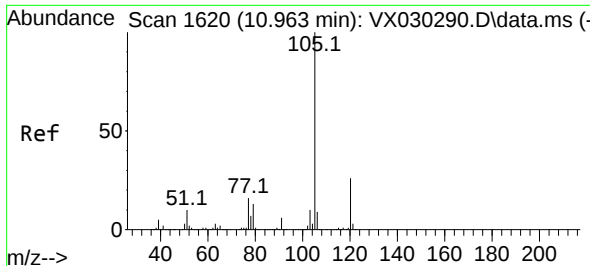


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



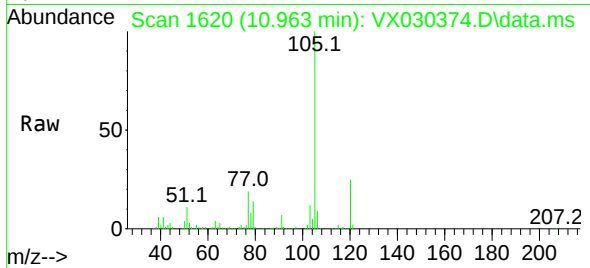
Tgt Ion:152 Resp: 129722
Ion Ratio Lower Upper
152 100
115 66.2 40.5 121.5
150 158.6 0.0 347.0





#73
Isopropylbenzene
Concen: 3.378 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

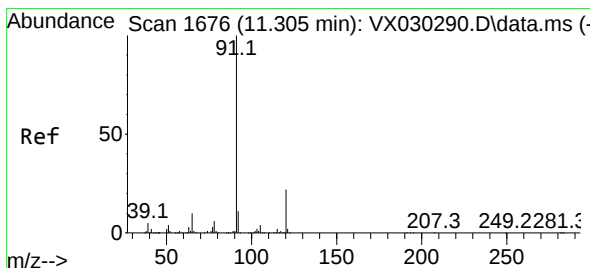
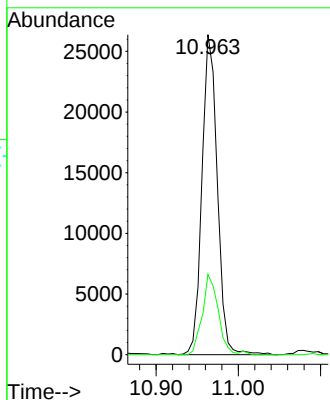
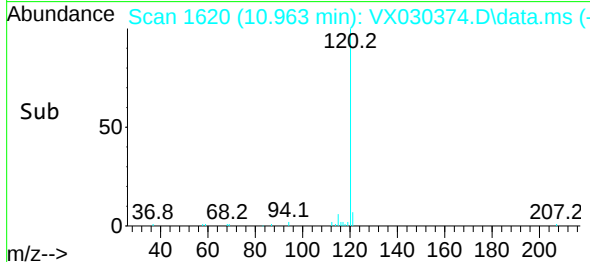
Instrument :
MSVOA_X
ClientSampleId :
63022-B



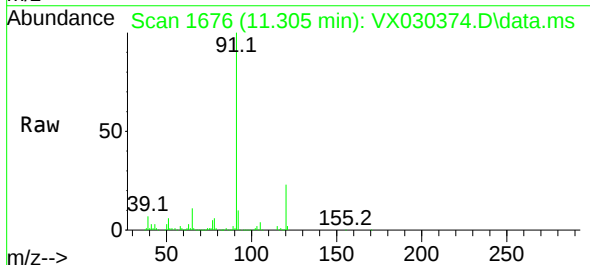
Tgt Ion: 105 Resp: 3421
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

Manual Integrations
APPROVED

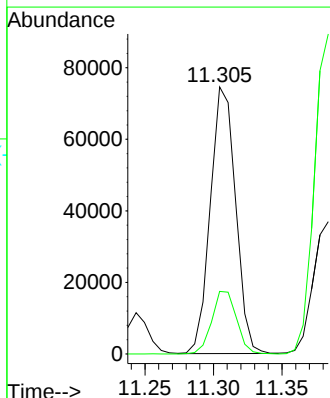
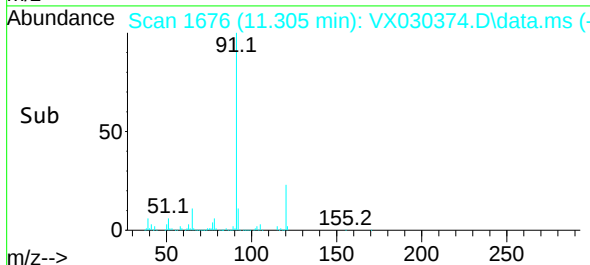
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

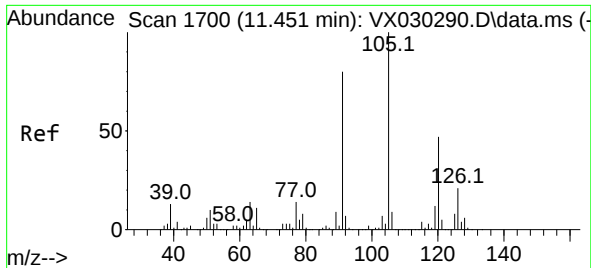


#78
n-propylbenzene
Concen: 7.914 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34



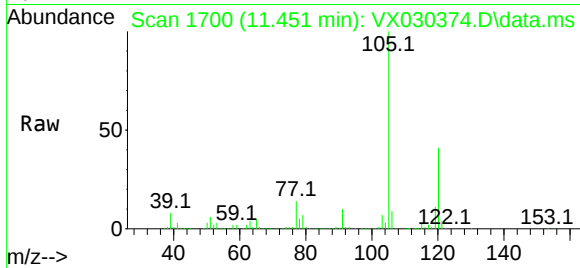
Tgt Ion: 91 Resp: 95657
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 33.959 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

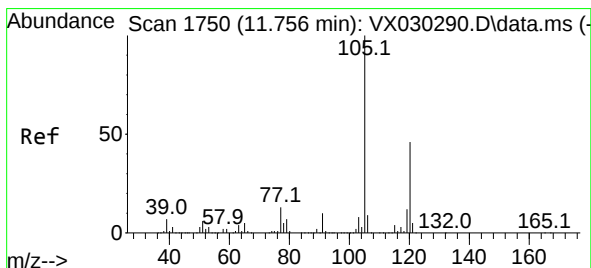
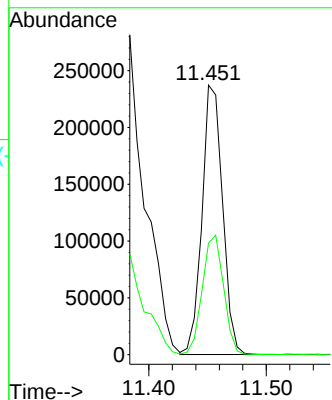
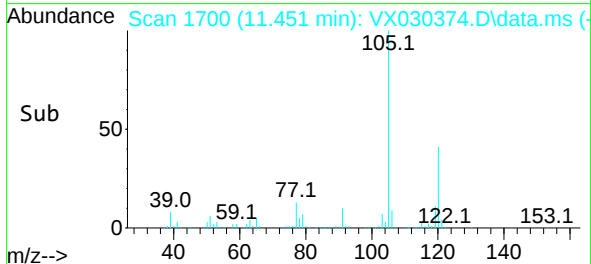
Instrument :
MSVOA_X
ClientSampleId :
63022-B



Tgt Ion:105 Resp: 287959
Ion Ratio Lower Upper
105 100
120 45.9 24.4 73.2

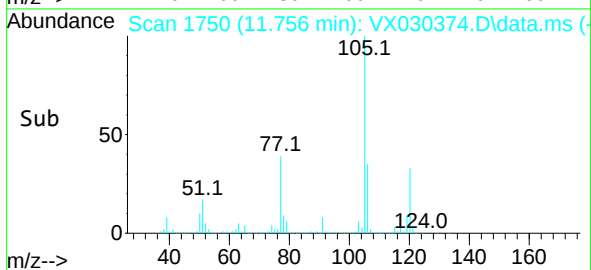
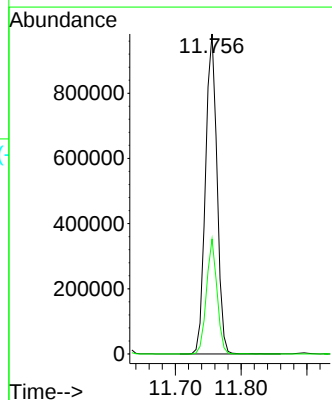
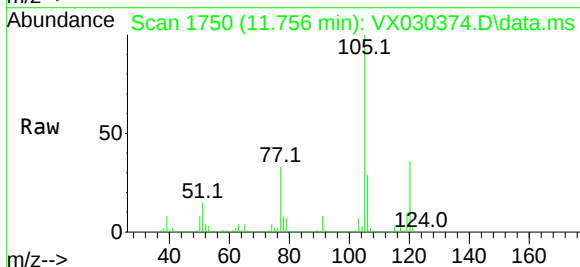
Manual Integrations
APPROVED

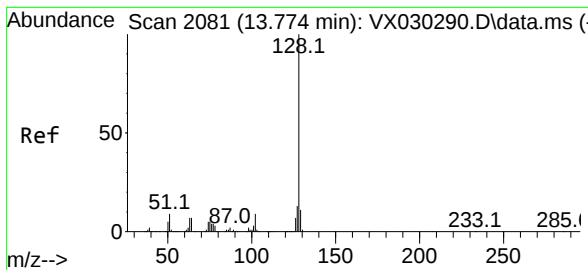
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 141.448 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

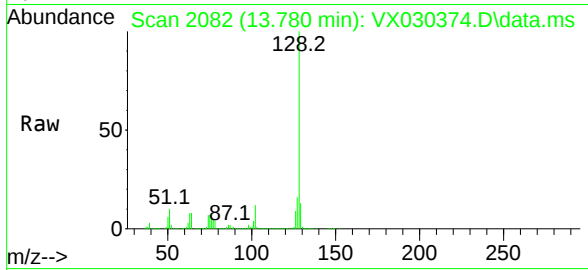
Tgt Ion:105 Resp: 1196636
Ion Ratio Lower Upper
105 100
120 32.9 22.9 68.8





#95
Naphthalene
Concen: 786.862 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX030374.D
Acq: 03 Aug 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
63022-B



Tgt Ion:128 Resp: 8087302
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.2
129 12.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

