

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010901.D
 Acq On : 10 Oct 2022 19:20
 Operator : KP/MD
 Sample : N5067-18
 Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-2-VERT

Quant Time: Oct 11 09:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	306117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92414	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	175816	56.662	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.320%			
35) Dibromofluoromethane	7.716	113	177665	49.738	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.480%			
50) Toluene-d8	10.179	98	666799	54.584	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.160%			
62) 4-Bromofluorobenzene	12.483	95	171364	34.786	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.580%			
Target Compounds						Qvalue
16) Acetone	3.942	43	39767	50.462	ug/l #	88
17) Carbon Disulfide	4.192	76	61350	6.559	ug/l	100
25) 2-Butanone	6.990	43	17400	15.358	ug/l	93
31) Cyclohexane	7.765	56	250139	45.038	ug/l #	55
39) Methylcyclohexane	9.185	83	1405341	221.873	ug/l	90
40) Benzene	8.143	78	36272899m	2441.890	ug/l	
52) Toluene	10.240	92	23786937m	2516.135	ug/l	
67) Ethyl Benzene	11.581	91	34005296m	2732.612	ug/l	
68) m/p-Xylenes	11.746	106	30364637m	6234.846	ug/l	
69) o-Xylene	12.032	106	23072022	5067.073	ug/l #	1
73) Isopropylbenzene	12.331	105	13160268	1937.077	ug/l	91
78) n-propylbenzene	12.672	91	11019084	1331.735	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	16504404	2872.228	ug/l	76
84) 1,2,4-Trimethylbenzene	13.111	105	23396535m	4141.375	ug/l	
85) sec-Butylbenzene	13.258	105	479505m	65.025	ug/l	
86) p-Isopropyltoluene	13.373	119	1351107m	218.386	ug/l	
89) n-Butylbenzene	13.696	91	680738	119.570	ug/l #	72

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

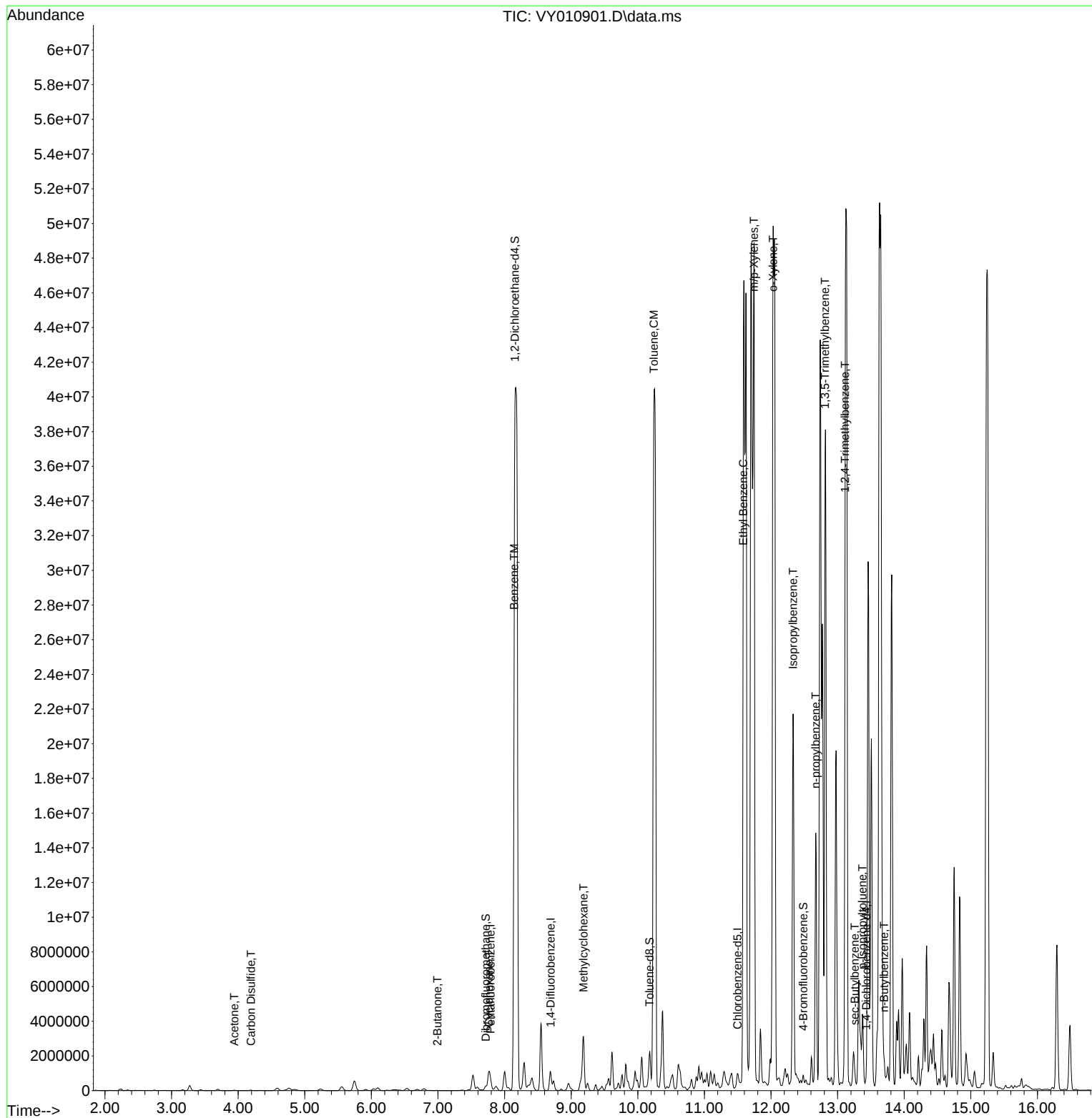
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
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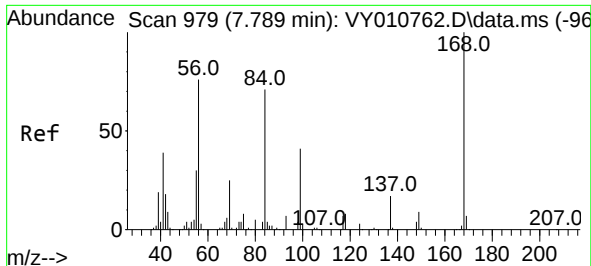
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

Quant Time: Oct 11 09:46:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
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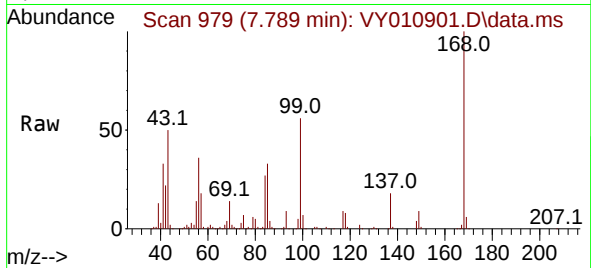
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

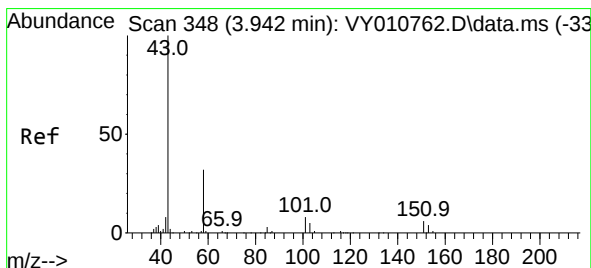
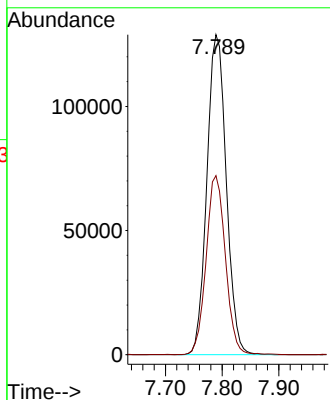
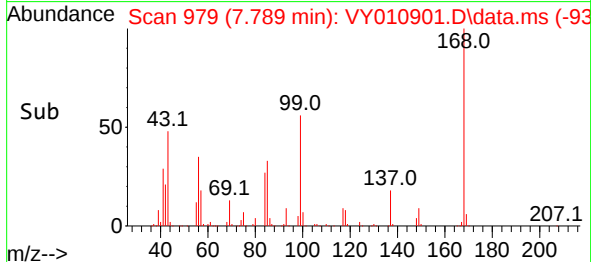
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT



Tgt Ion:168 Resp: 30611
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3

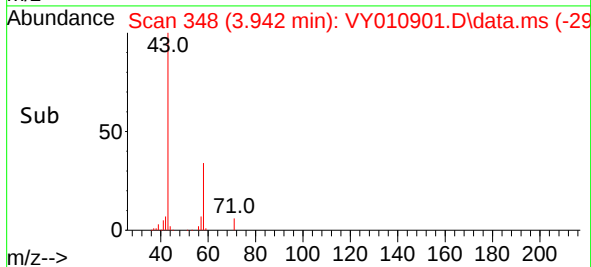
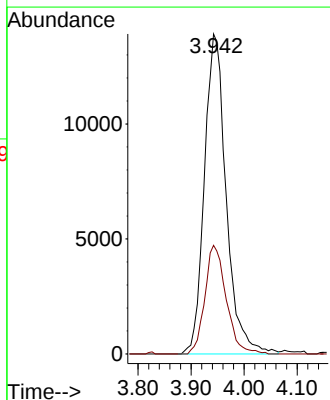
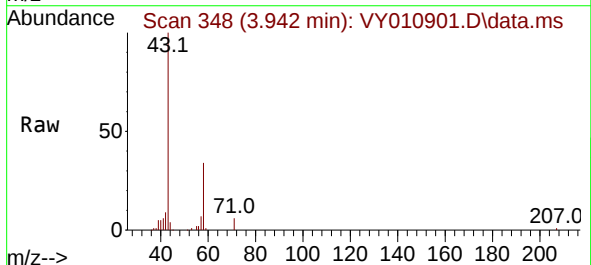
Manual Integrations
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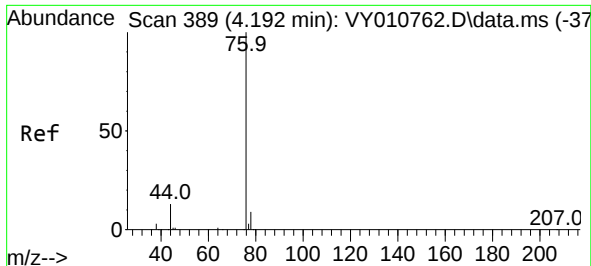
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#16
Acetone
Concen: 50.462 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

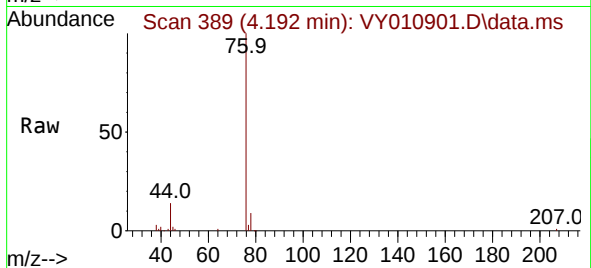
Tgt Ion: 43 Resp: 39767
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#





#17
Carbon Disulfide
Concen: 6.559 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

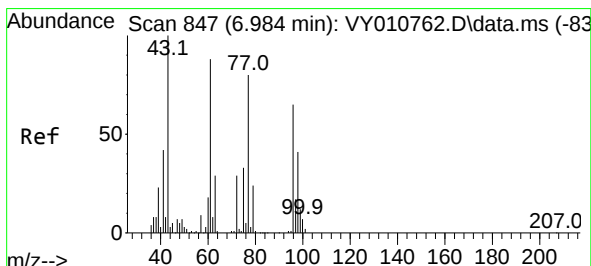
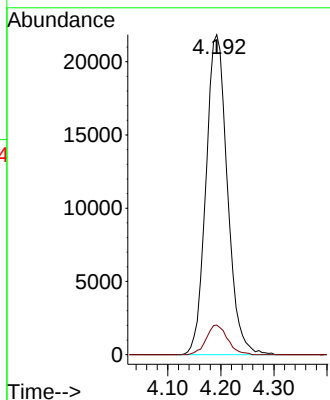
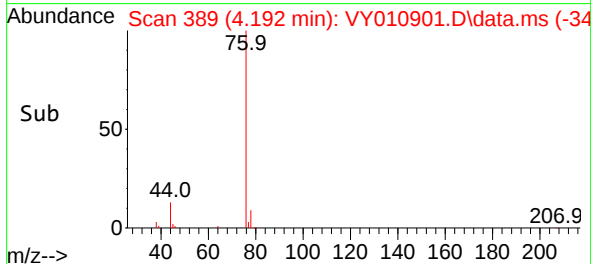
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT



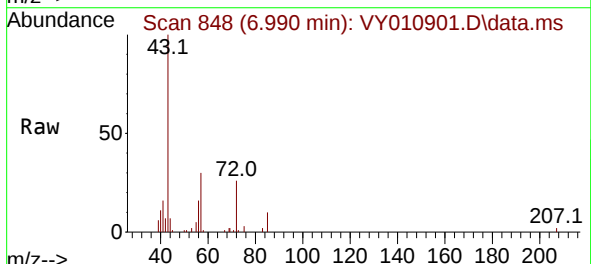
Tgt Ion: 76 Resp: 61350
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
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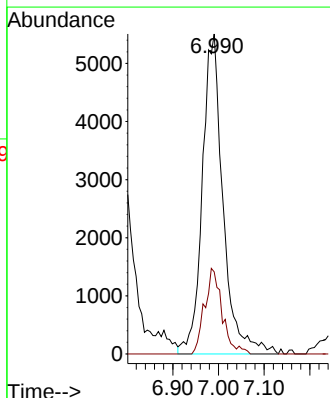
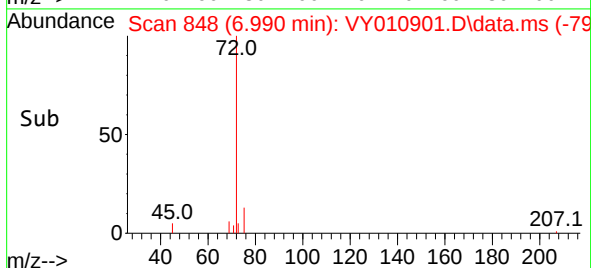
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

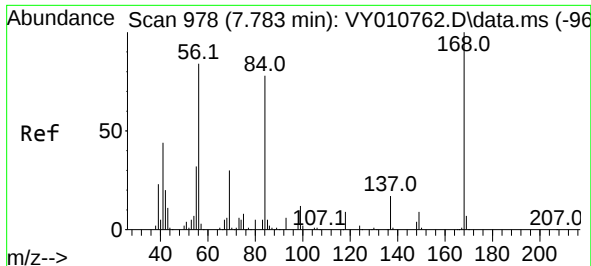


#25
2-Butanone
Concen: 15.358 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20



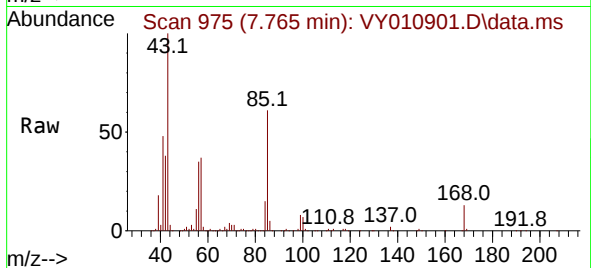
Tgt Ion: 43 Resp: 17400
Ion Ratio Lower Upper
43 100
72 25.7 17.7 26.5





#31
Cyclohexane
Concen: 45.038 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

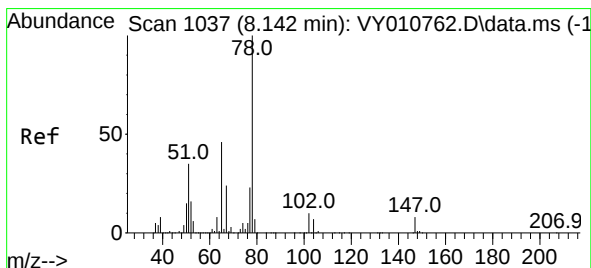
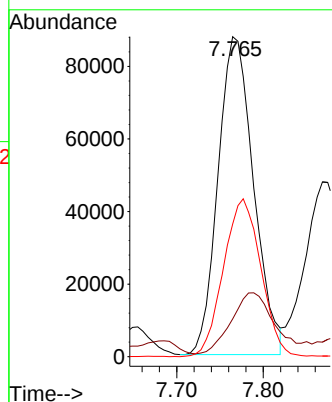
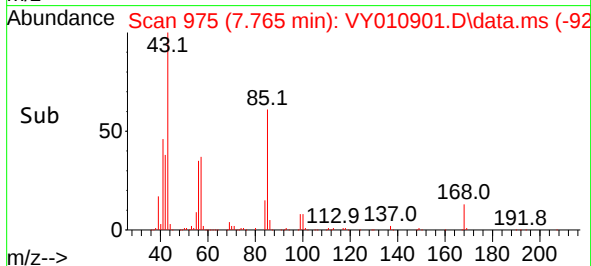
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT



Tgt Ion: 56 Resp: 250139
Ion Ratio Lower Upper
56 100
69 9.4 26.7 40.1
84 41.7 67.2 100.8

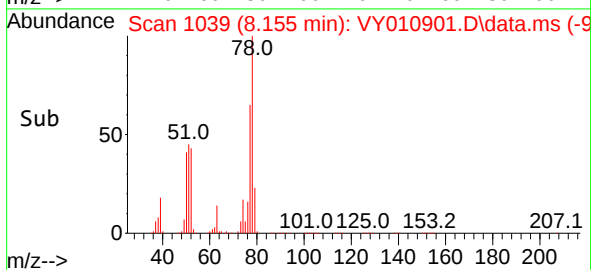
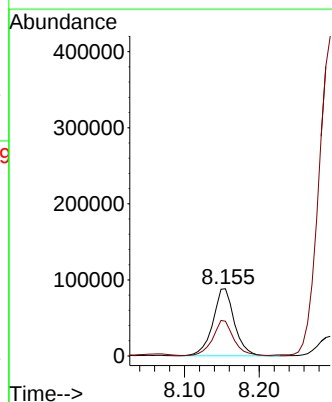
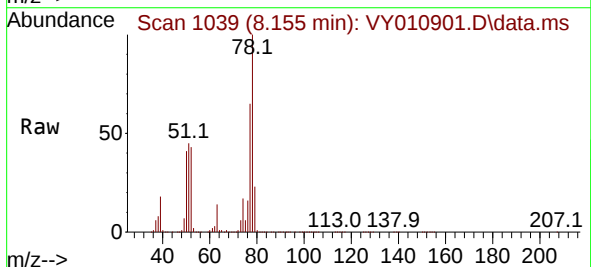
Manual Integrations
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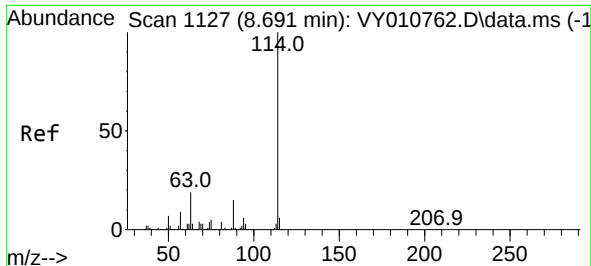
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#33
1,2-Dichloroethane-d4
Concen: 56.662 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 65 Resp: 175816
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

ClientSampleId :

COMP-B-2-VERT

Tgt Ion:114 Resp: 538110

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

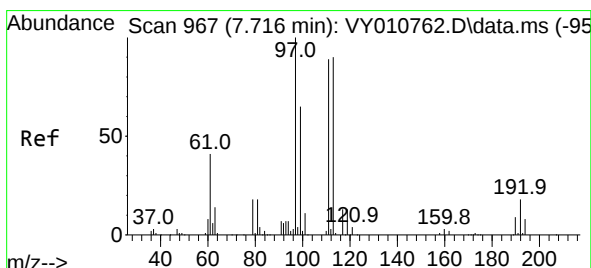
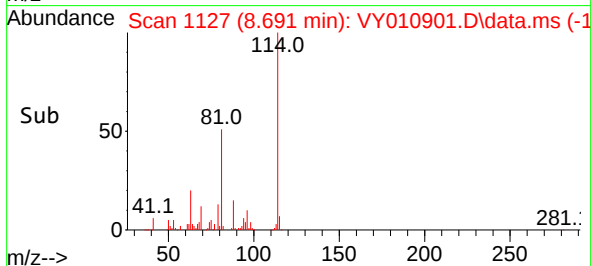
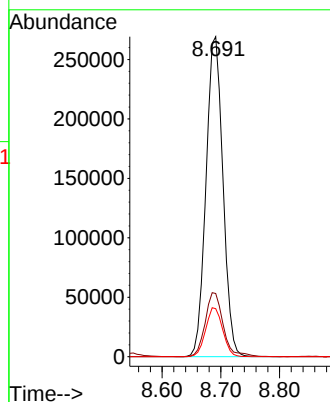
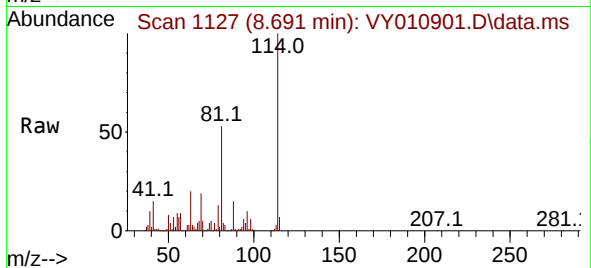
88 15.0 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#35

Dibromofluoromethane

Concen: 49.738 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

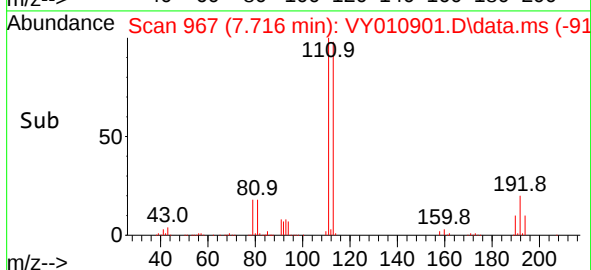
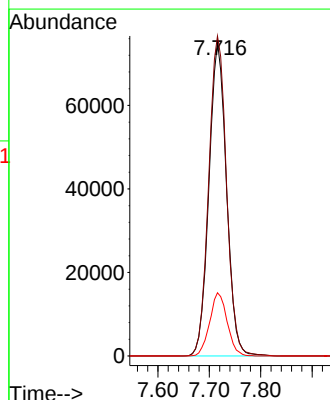
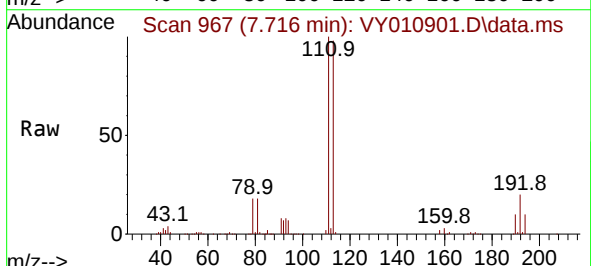
Tgt Ion:113 Resp: 177665

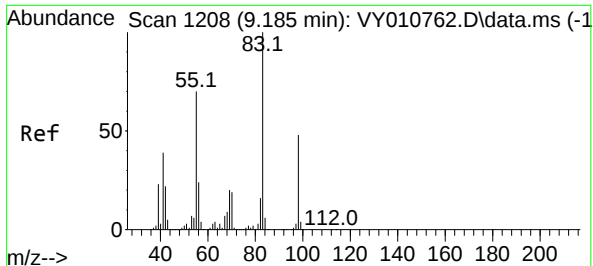
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

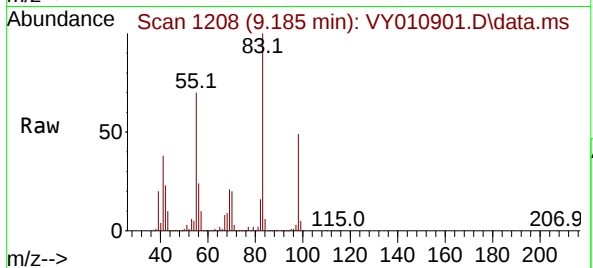
192 20.1 17.6 26.4





#39
Methylcyclohexane
Concen: 221.873 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

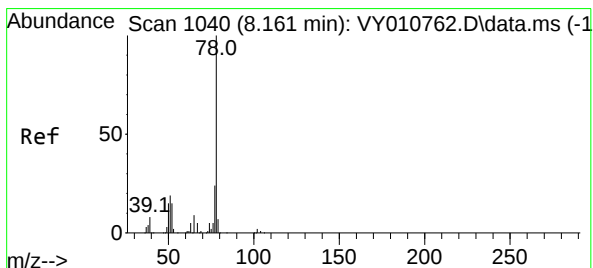
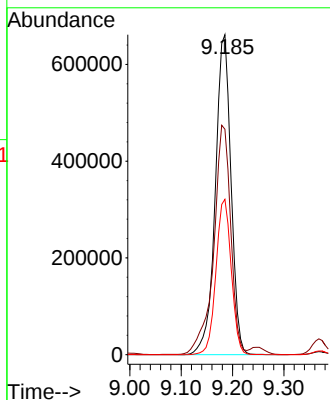
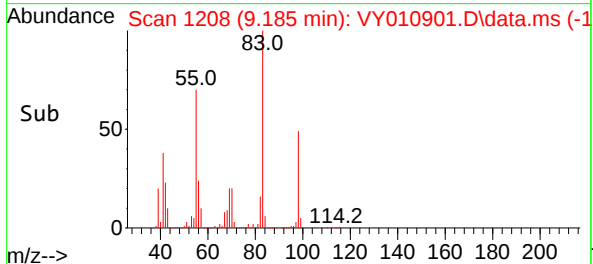
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT



Tgt Ion: 83 Resp: 140534
Ion Ratio Lower Upper
83 100
55 70.4 66.5 99.7
98 48.6 37.9 56.9

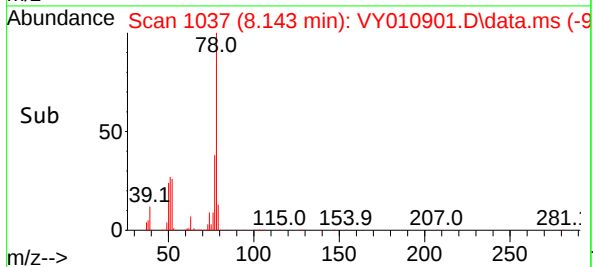
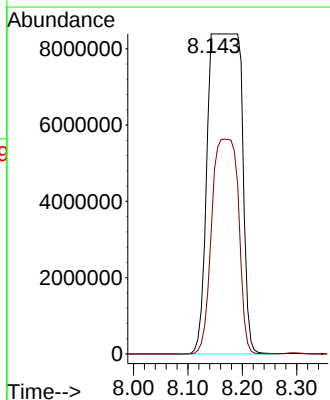
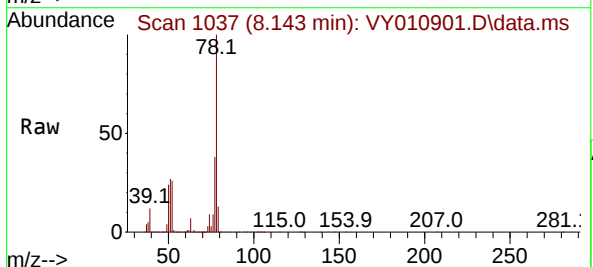
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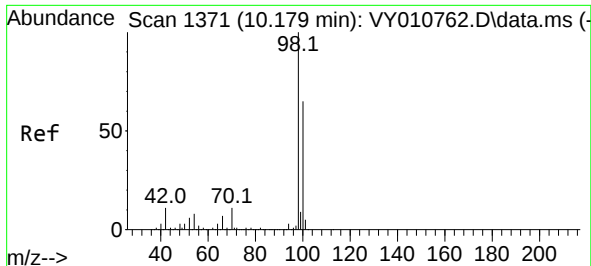
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#40
Benzene
Concen: 2441.890 ug/l m
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

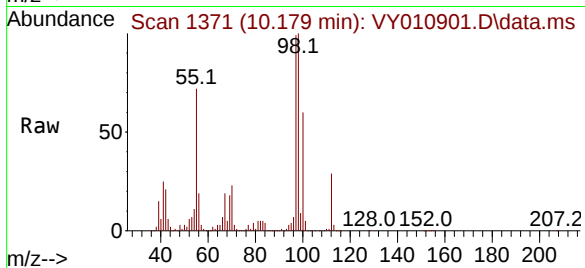
Tgt Ion: 78 Resp:36272899
Ion Ratio Lower Upper
78 100
77 38.1 20.4 30.6#





#50
Toluene-d8
Concen: 54.584 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

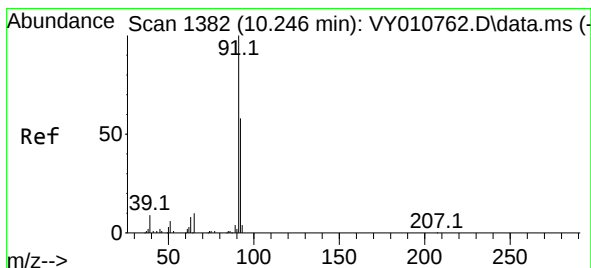
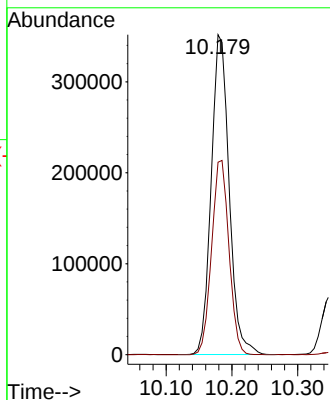
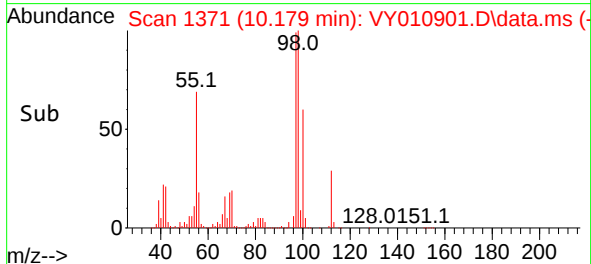
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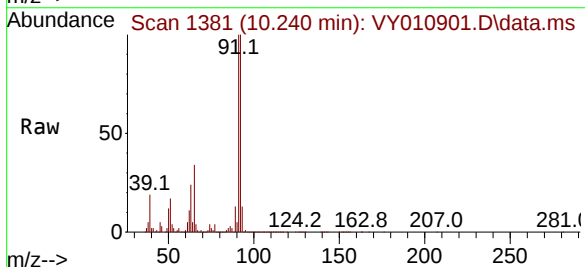
Tgt Ion: 98 Resp: 666799
Ion Ratio Lower Upper
98 100
100 58.8 50.2 75.2

Manual Integrations
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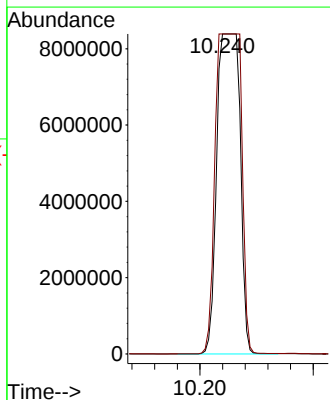
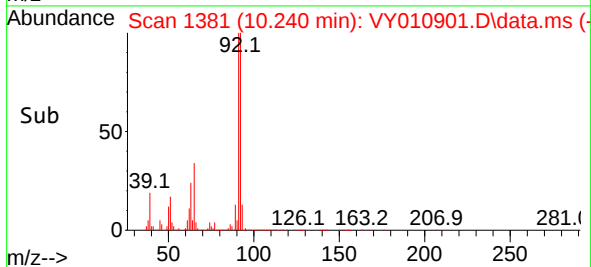
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

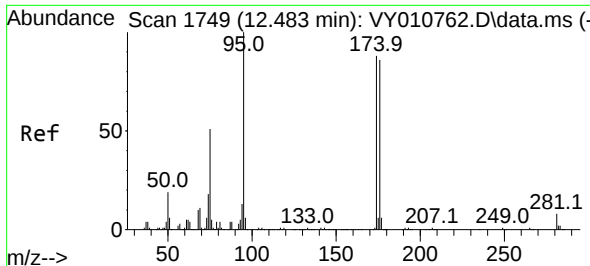


#52
Toluene
Concen: 2516.135 ug/l m
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20



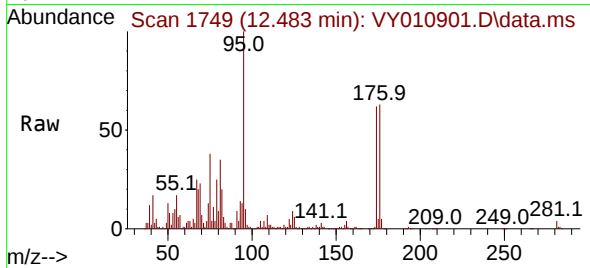
Tgt Ion: 92 Resp:23786937
Ion Ratio Lower Upper
92 100
91 0.0 142.6 213.8#





#62
4-Bromofluorobenzene
Concen: 34.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

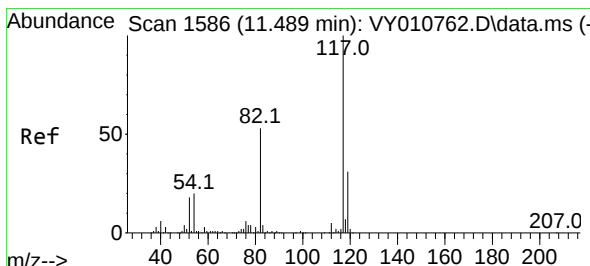
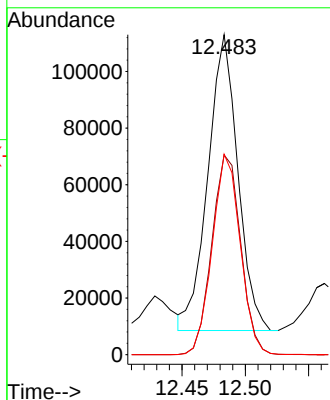
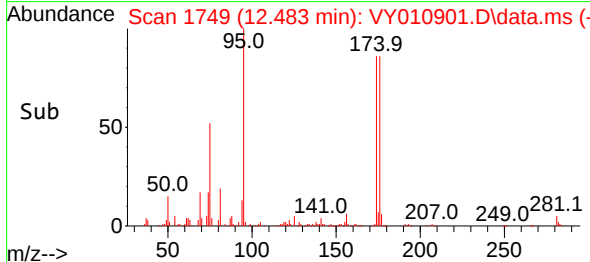
Instrument :
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COMP-B-2-VERT



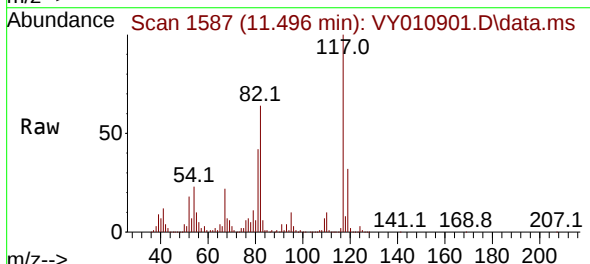
Tgt Ion: 95 Resp: 171364
Ion Ratio Lower Upper
95 100
174 65.5 0.0 177.0
176 63.6 0.0 175.8

Manual Integrations
APPROVED

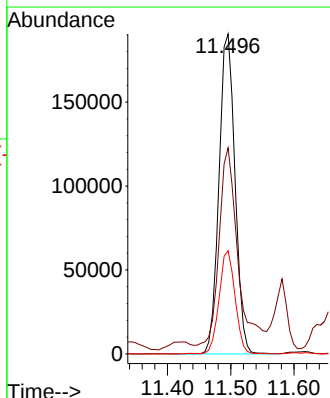
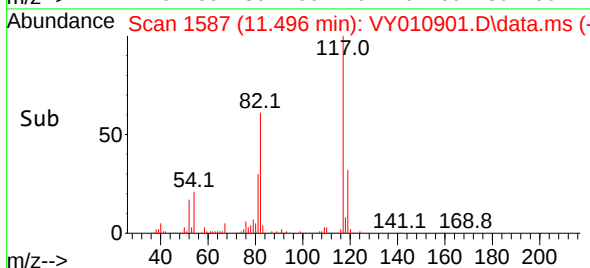
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

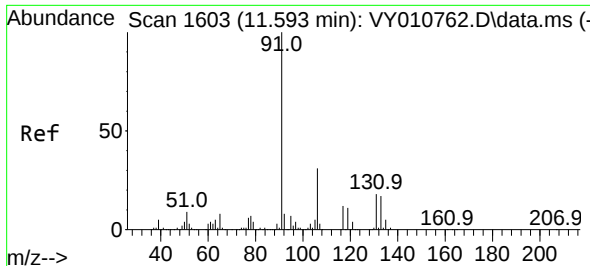


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20



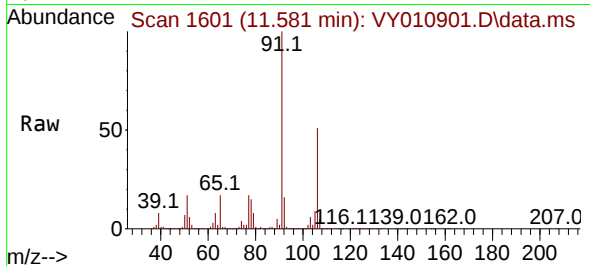
Tgt Ion:117 Resp: 333907
Ion Ratio Lower Upper
117 100
82 60.7 43.0 64.4
119 32.2 25.4 38.0





#67
Ethyl Benzene
Concen: 2732.612 ug/l m
RT: 11.581 min Scan# 1601
Delta R.T. -0.012 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

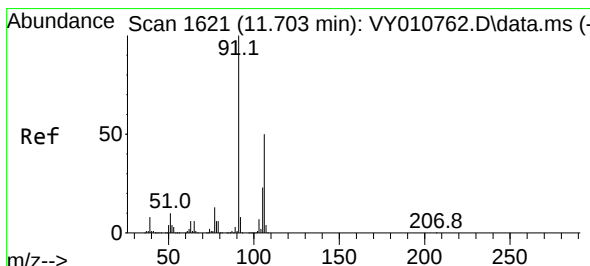
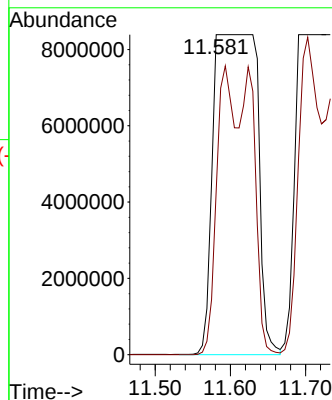
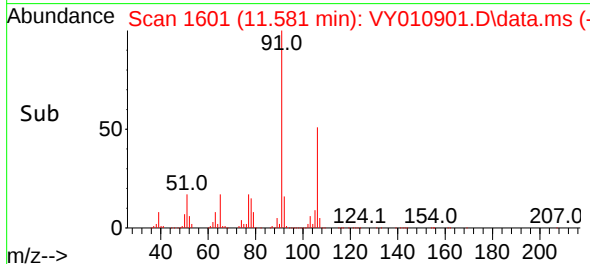
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT



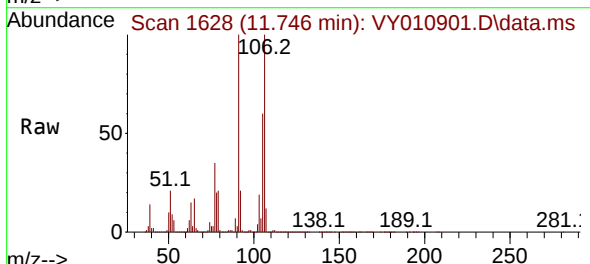
Tgt Ion: 91 Resp:34005290
Ion Ratio Lower Upper
91 100
106 51.3 24.5 36.7

Manual Integrations
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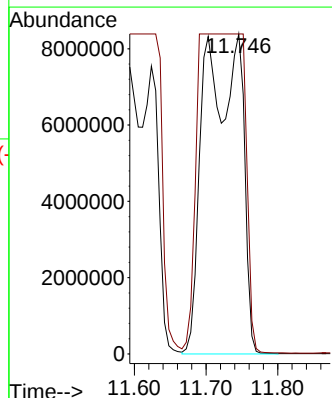
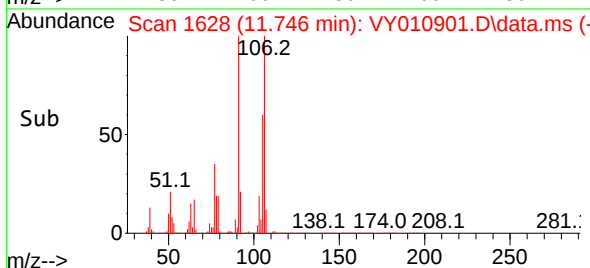
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

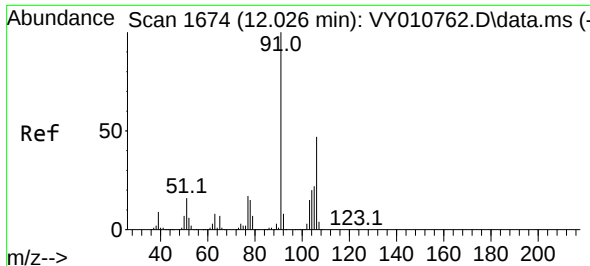


#68
m/p-Xylenes
Concen: 6234.846 ug/l m
RT: 11.746 min Scan# 1628
Delta R.T. 0.043 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20



Tgt Ion:106 Resp:30364637
Ion Ratio Lower Upper
106 100
91 9.2 166.6 249.8





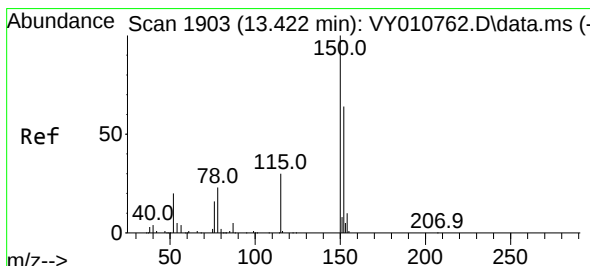
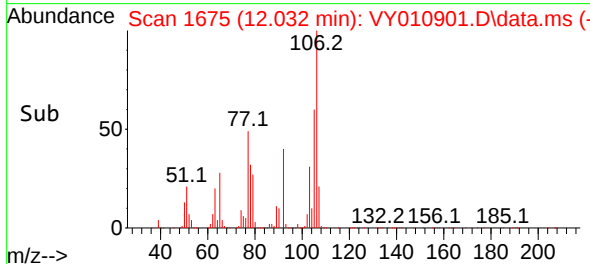
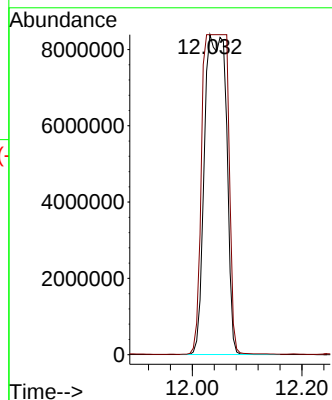
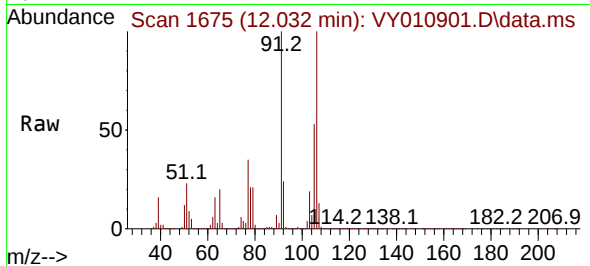
#69
o-Xylene
Concen: 5067.073 ug/l
RT: 12.032 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

Tgt Ion:106 Resp:2307202
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0

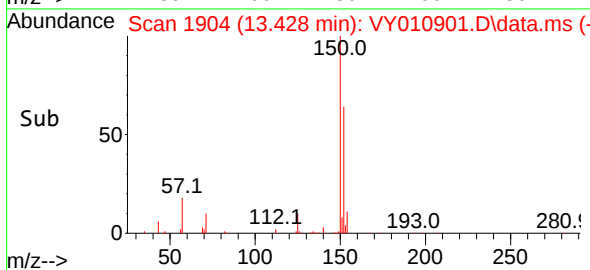
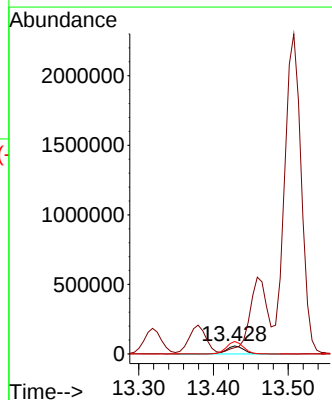
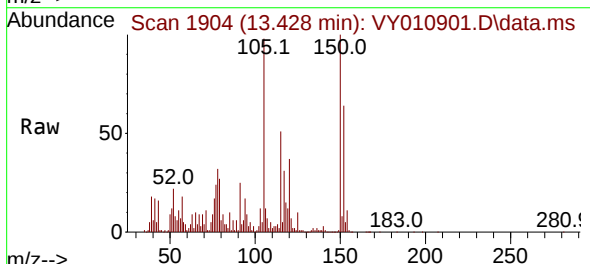
Manual Integrations
APPROVED

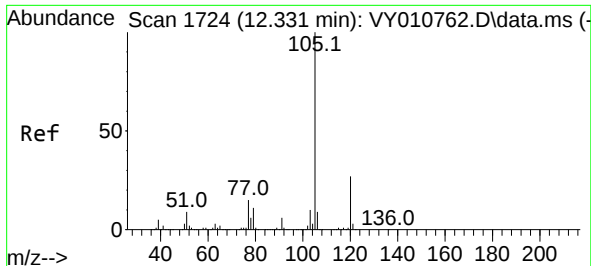
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion:152 Resp: 92414
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 149.4 0.0 347.6





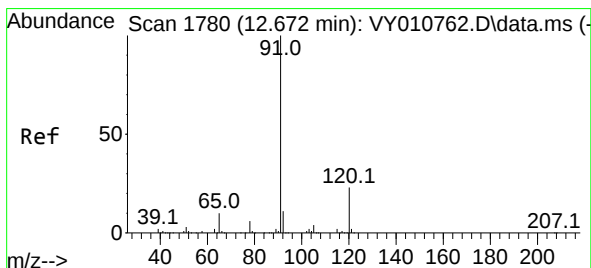
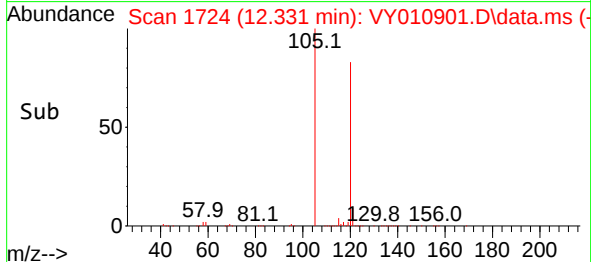
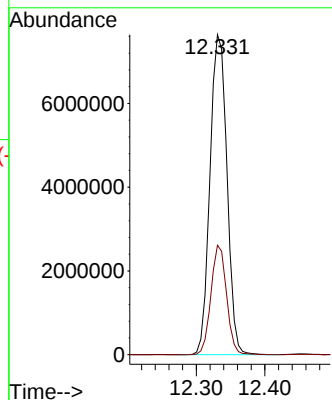
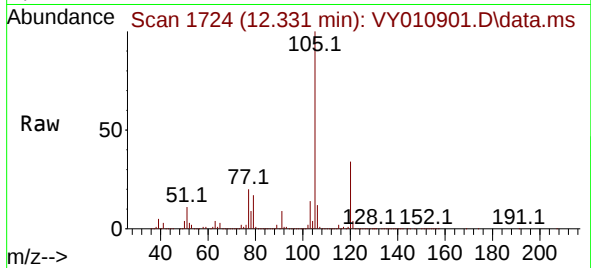
#73
Isopropylbenzene
Concen: 1937.077 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-2-VERT

Tgt Ion:105 Resp:13160268
Ion Ratio Lower Upper
105 100
120 31.5 13.4 40.2

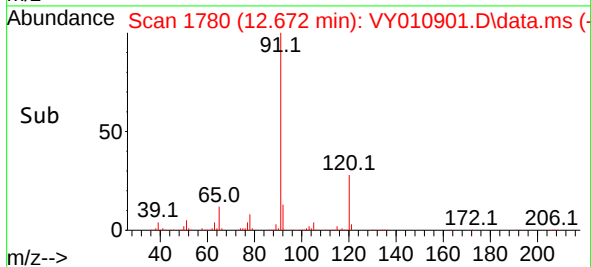
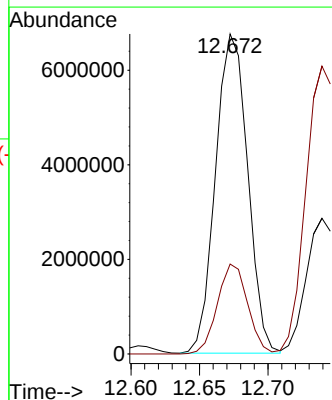
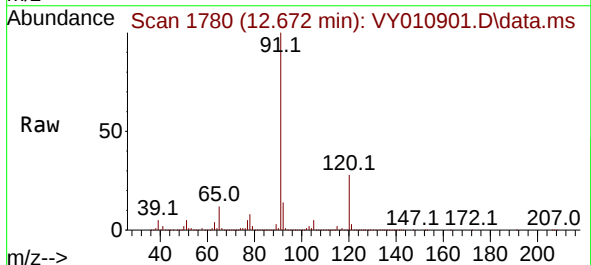
Manual Integrations
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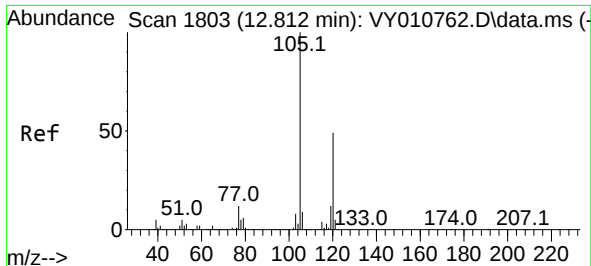
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#78
n-propylbenzene
Concen: 1331.735 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

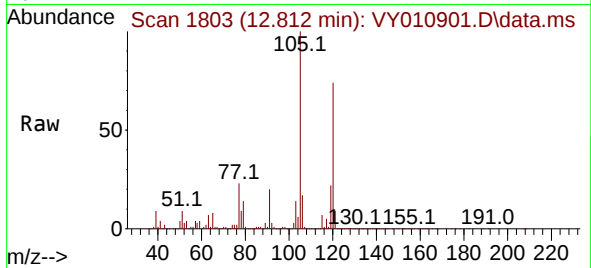
Tgt Ion: 91 Resp:11019084
Ion Ratio Lower Upper
91 100
120 26.5 11.3 33.9





#80
 1,3,5-Trimethylbenzene
 Concen: 2872.228 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

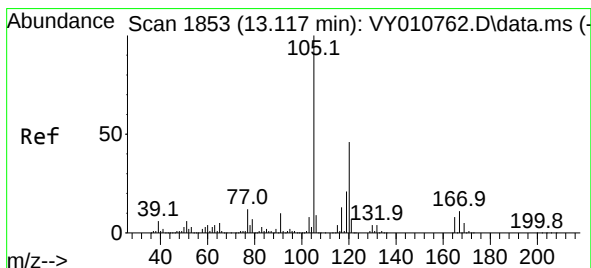
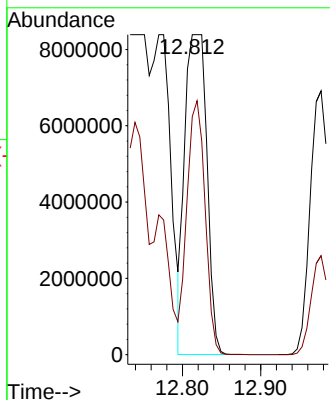
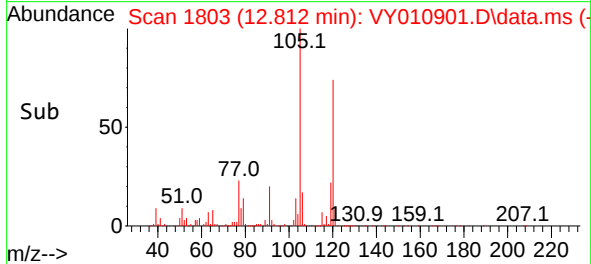
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-2-VERT



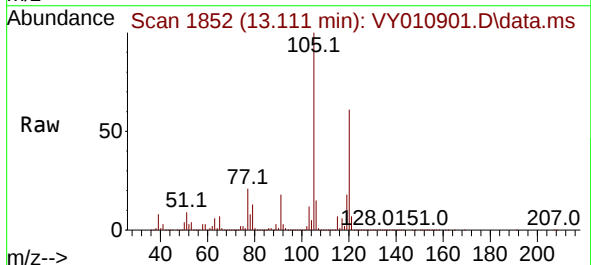
Tgt Ion:105 Resp:16504404
 Ion Ratio Lower Upper
 105 100
 120 65.1 24.4 73.4

Manual Integrations
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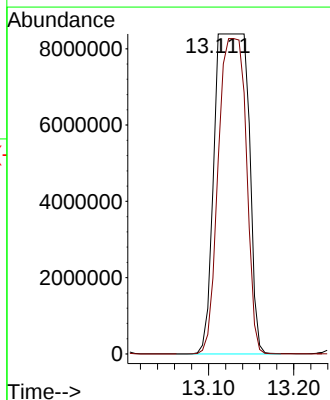
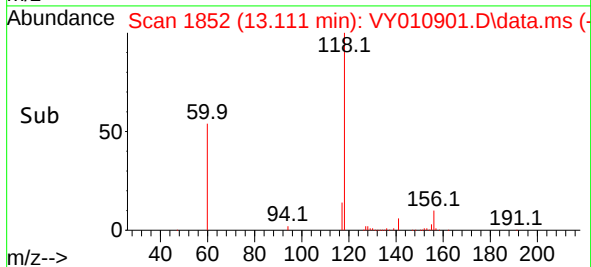
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

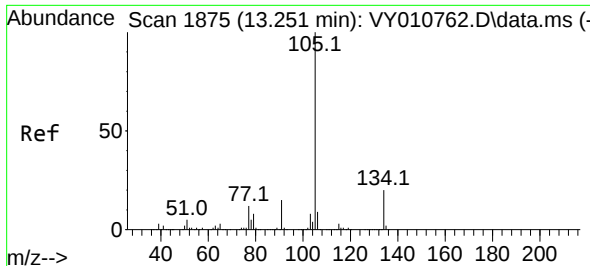


#84
 1,2,4-Trimethylbenzene
 Concen: 4141.375 ug/l m
 RT: 13.111 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20



Tgt Ion:105 Resp:23396535
 Ion Ratio Lower Upper
 105 100
 120 17.2 22.3 66.9#





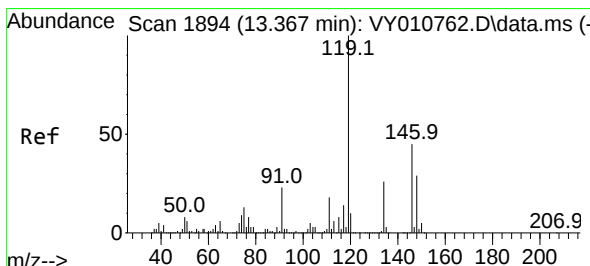
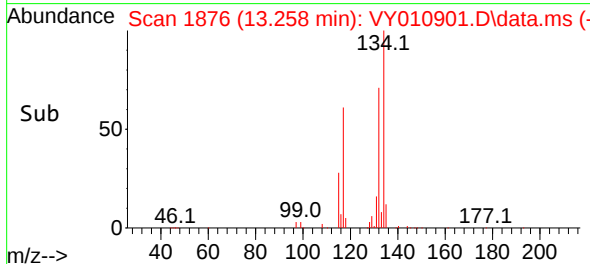
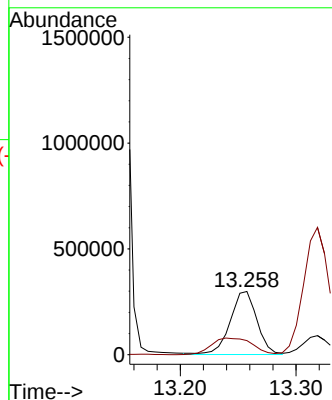
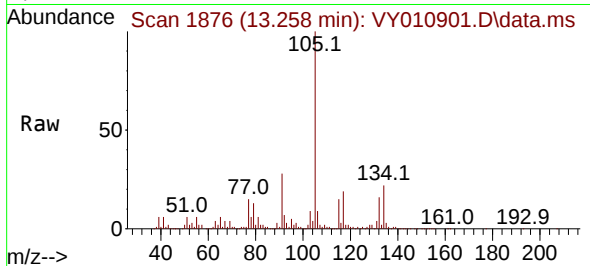
#85
 sec-Butylbenzene
 Concen: 65.025 ug/l m
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-2-VERT

Tgt Ion:105 Resp: 47950
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

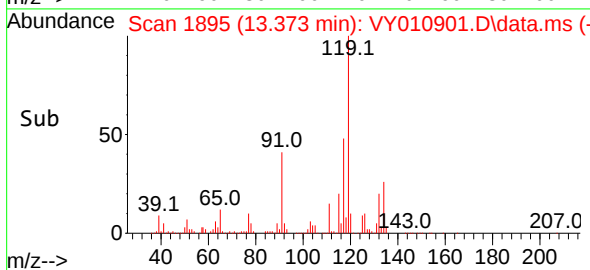
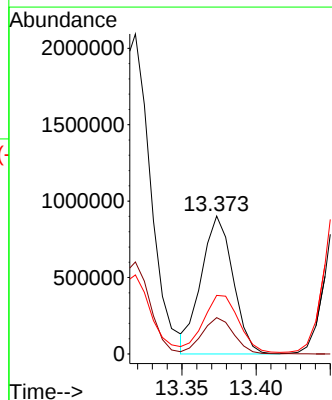
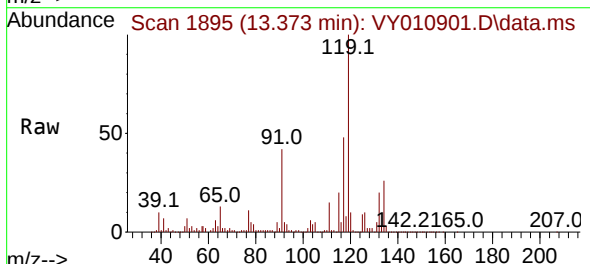
Manual Integrations
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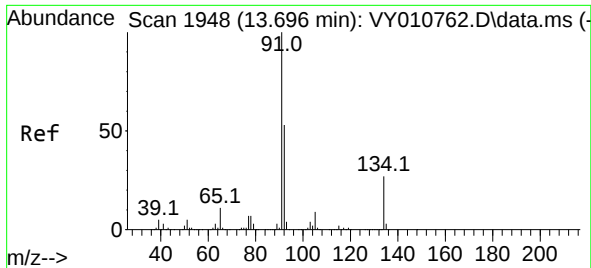
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#86
 p-Isopropyltoluene
 Concen: 218.386 ug/l m
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

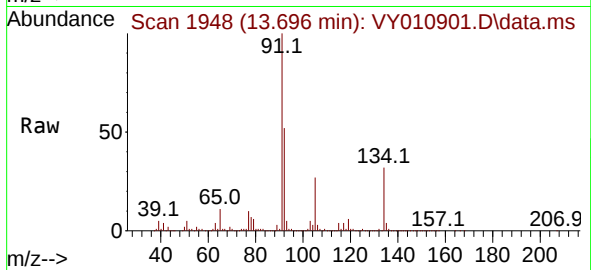
Tgt Ion:119 Resp: 1351107
 Ion Ratio Lower Upper
 119 100
 134 68.0 13.2 39.5#
 91 59.9 12.4 37.2#





#89
 n-Butylbenzene
 Concen: 119.570 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-2-VERT



Tgt Ion: 91	Resp: 680738
Ion Ratio	Lower Upper
91	100
92	63.9 26.3 78.9
134	0.0 13.0 38.9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

