

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008481.D
 Acq On : 25 Apr 2022 14:53
 Operator : KP/MD
 Sample : N2468-07
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-7

Quant Time: Apr 26 01:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	105145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166518	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50026	40.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.880%		
35) Dibromofluoromethane	7.716	113	55425	46.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.179	98	293352	61.567	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	123.140%		
62) 4-Bromofluorobenzene	12.477	95	145263	90.995	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	182.000%#		
Target Compounds					Qvalue	
16) Acetone	3.948	43	26498	91.956	ug/l	94
17) Carbon Disulfide	4.198	76	4580	1.333	ug/l	99
25) 2-Butanone	6.984	43	8165	18.315	ug/l	# 84
31) Cyclohexane	7.783	56	145054	71.320	ug/l	# 85
39) Methylcyclohexane	9.179	83	687569	284.755	ug/l	# 81
41) Methacrylonitrile	7.356	41	551	1.089	ug/l	# 33
67) Ethyl Benzene	11.593	91	14411	2.205	ug/l	93
68) m/p-Xylenes	11.697	106	29890	11.420	ug/l	88
69) o-Xylene	12.032	106	46595	18.491	ug/l	99
73) Isopropylbenzene	12.331	105	216373	33.786	ug/l	96
78) n-propylbenzene	12.672	91	170089	22.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	853951	160.643	ug/l	97
83) tert-Butylbenzene	13.075	119	56921	12.335	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	904631	171.513	ug/l	94
85) sec-Butylbenzene	13.251	105	290293	41.683	ug/l	# 64
86) p-Isopropyltoluene	13.367	119	45593m	7.817	ug/l	
89) n-Butylbenzene	13.696	91	103238	19.502	ug/l	# 72

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

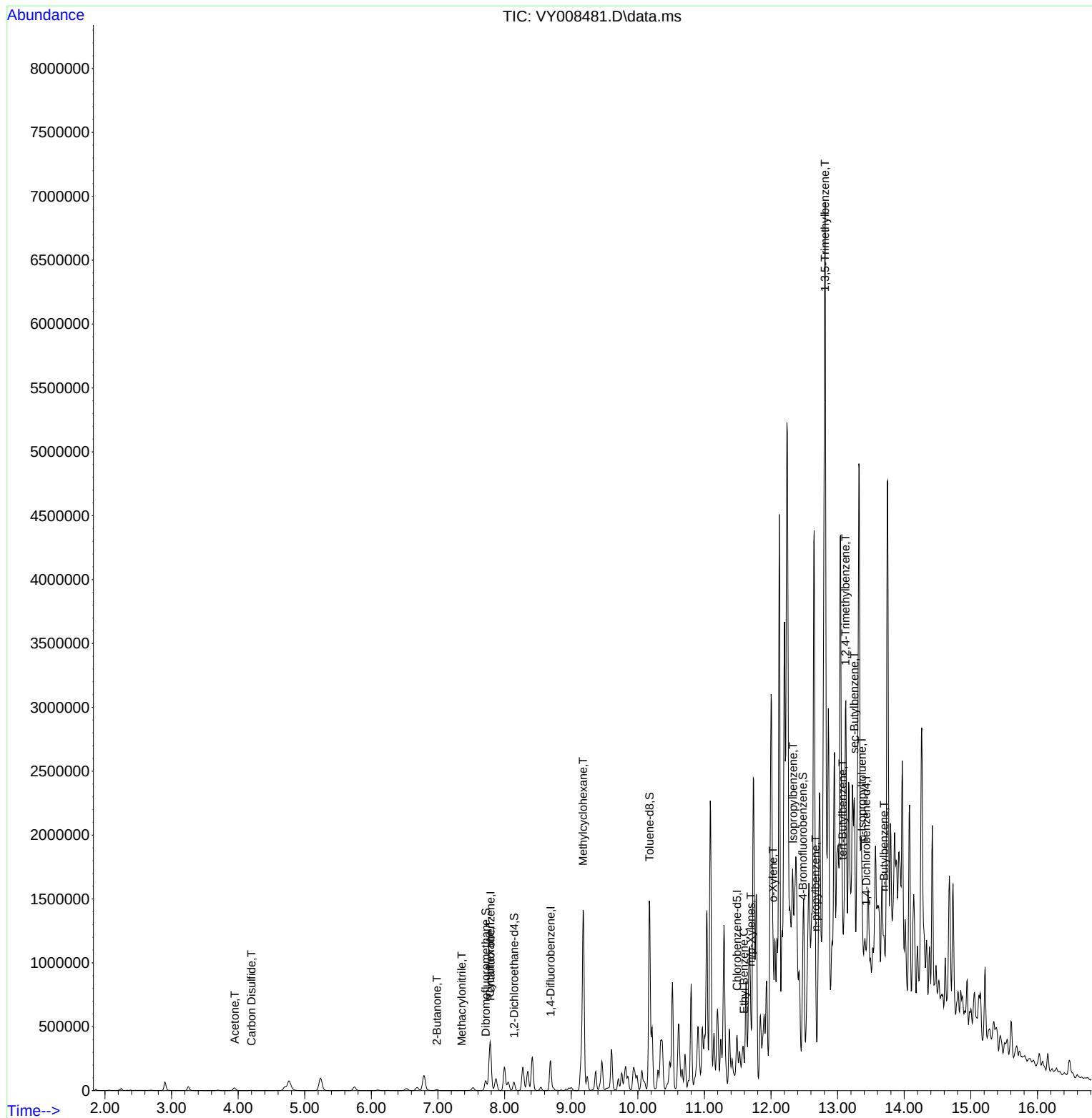
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
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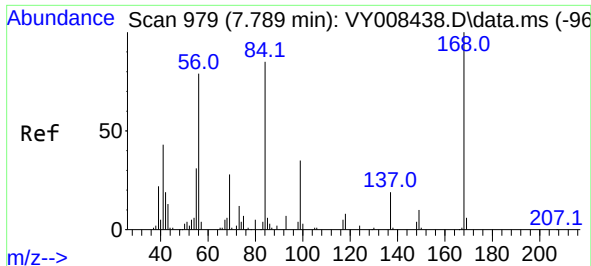
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7

Quant Time: Apr 26 01:56:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
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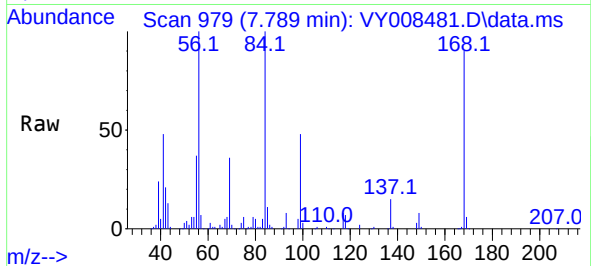
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

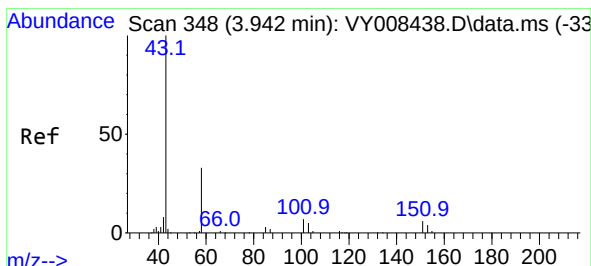
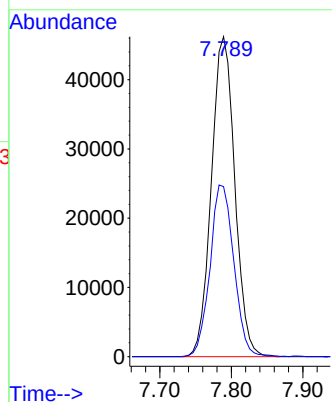
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



Tgt Ion:168 Resp: 10514
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3

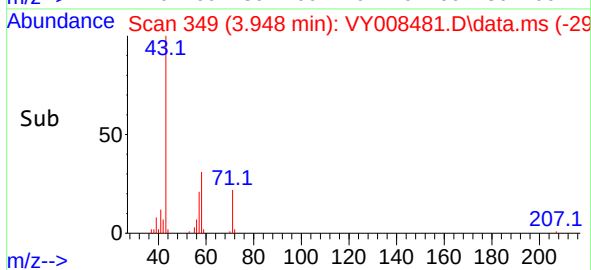
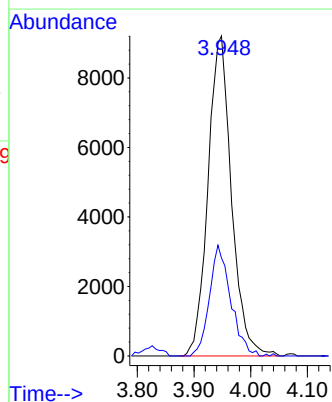
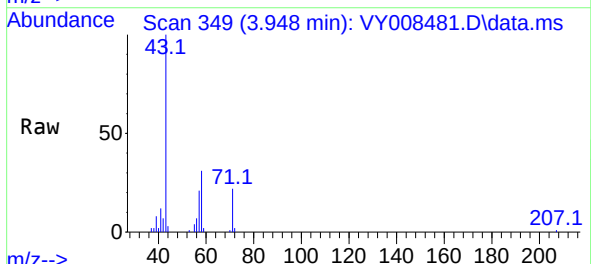
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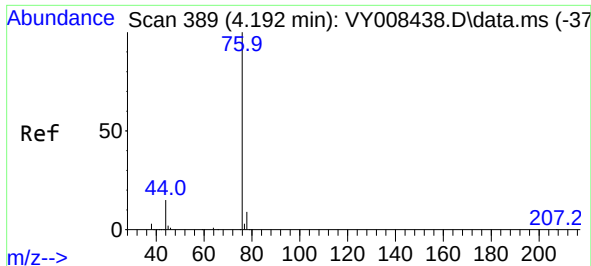
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#16
Acetone
Concen: 91.956 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

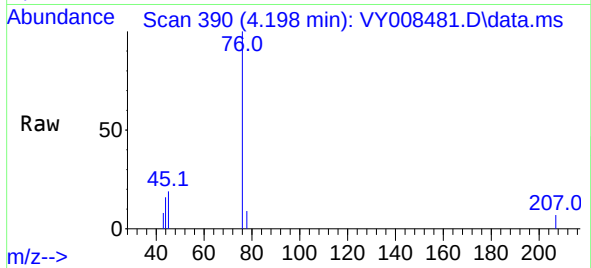
Tgt Ion: 43 Resp: 26498
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0





#17
Carbon Disulfide
Concen: 1.333 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

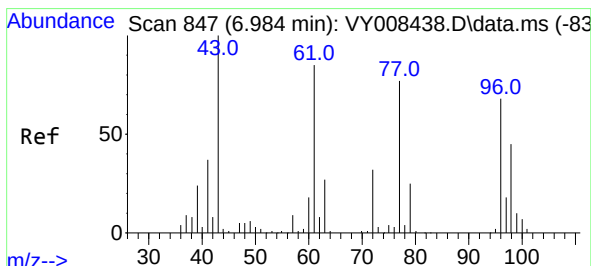
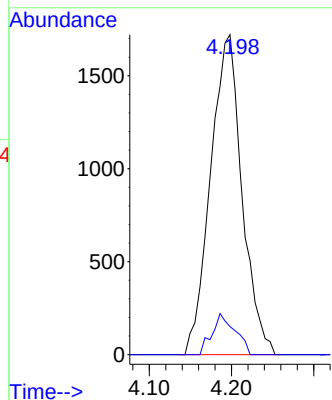
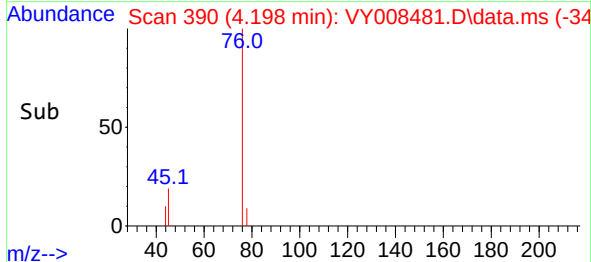
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



Tgt Ion: 76 Resp: 4580
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

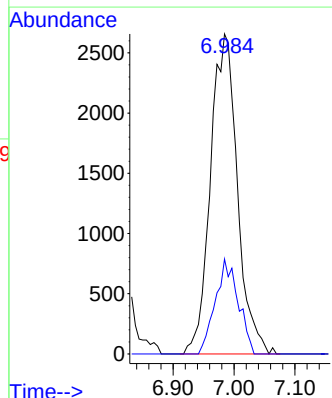
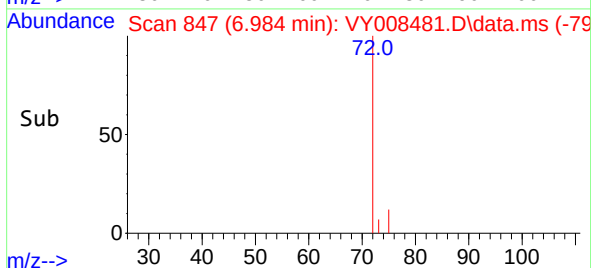
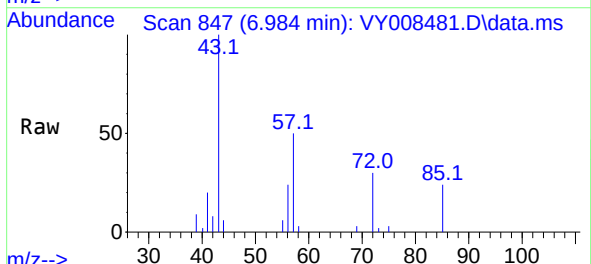
Manual Integrations
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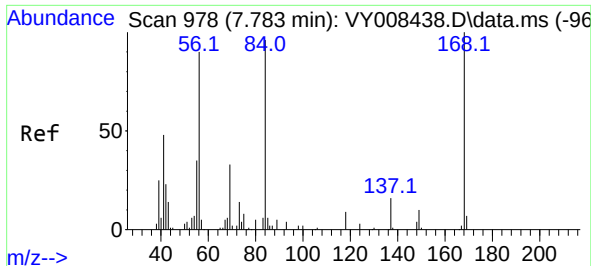
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#25
2-Butanone
Concen: 18.315 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

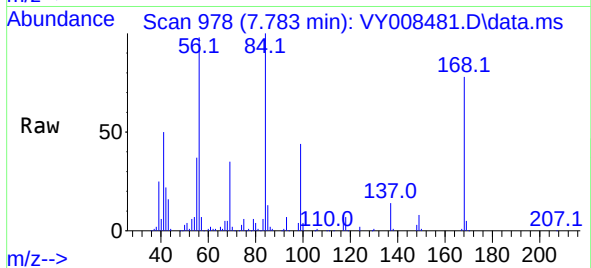
Tgt Ion: 43 Resp: 8165
Ion Ratio Lower Upper
43 100
72 29.6 17.7 26.5





#31
Cyclohexane
Concen: 71.320 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

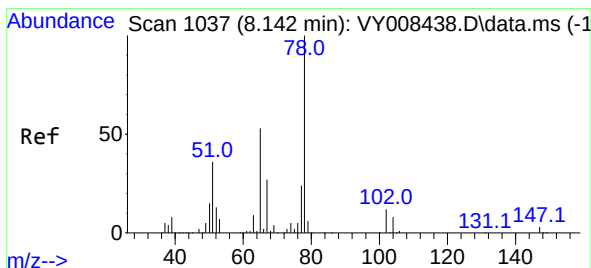
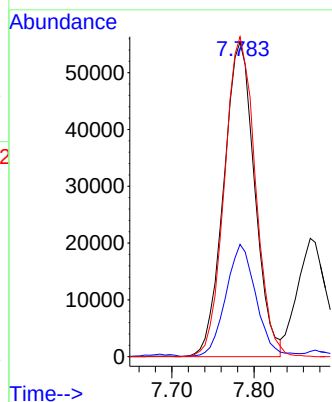
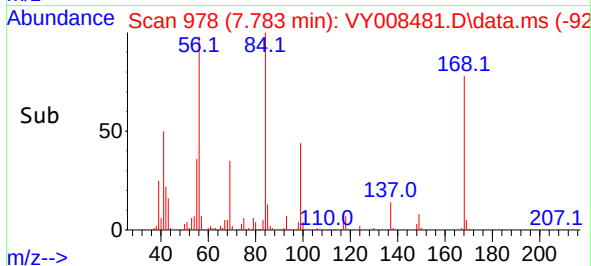
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



Tgt Ion: 56 Resp: 145054
Ion Ratio Lower Upper
56 100
69 35.5 26.7 40.1
84 101.7 67.2 100.8

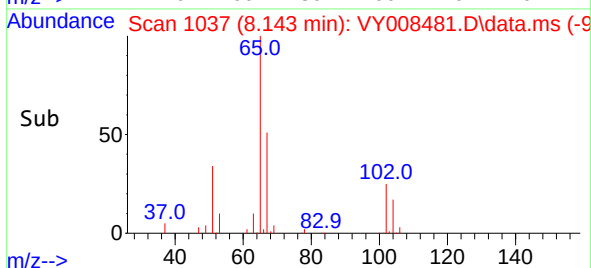
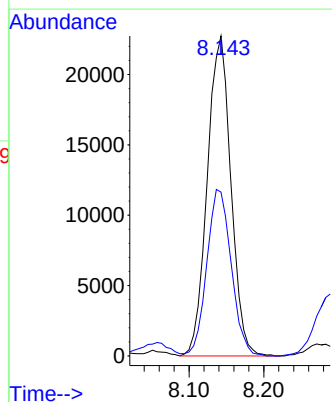
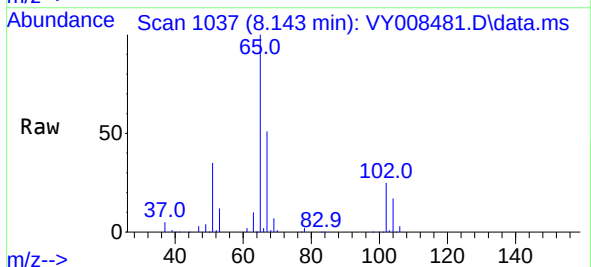
Manual Integrations
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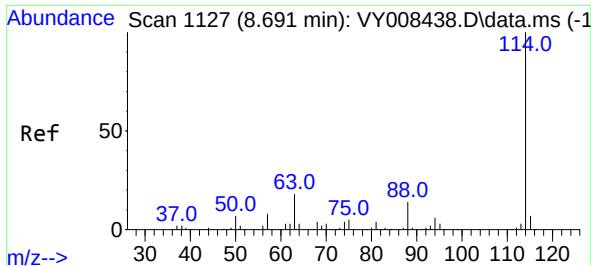
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#33
1,2-Dichloroethane-d4
Concen: 40.436 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

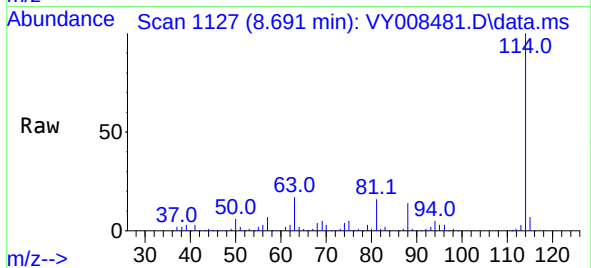
Tgt Ion: 65 Resp: 50026
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

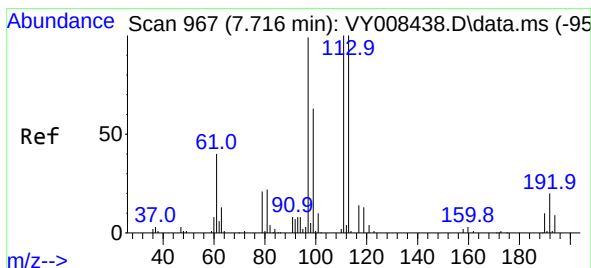
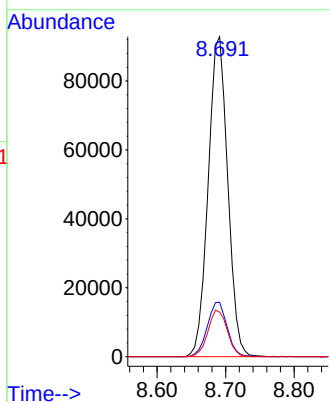
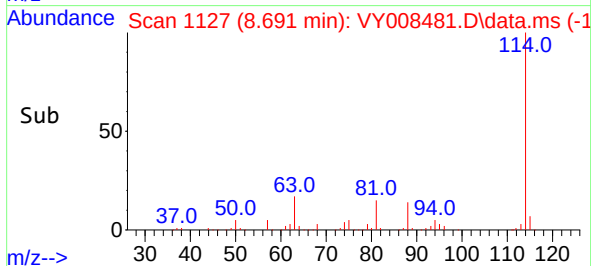
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



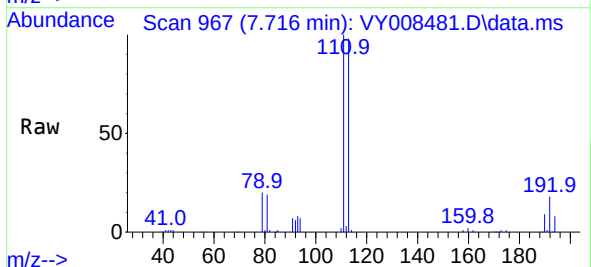
Tgt Ion:114 Resp: 183690
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 13.9 0.0 31.8

Manual Integrations
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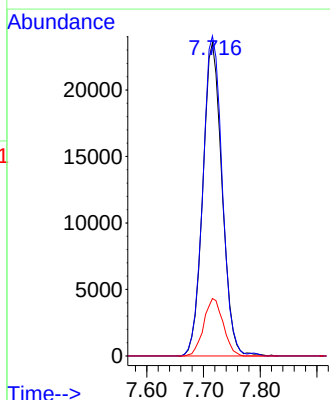
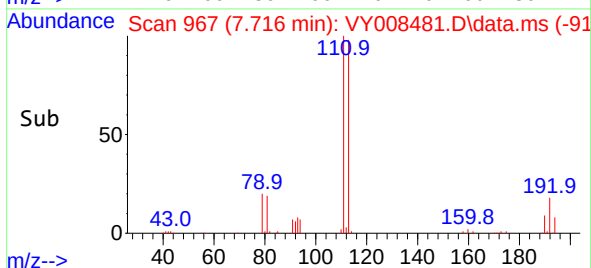
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

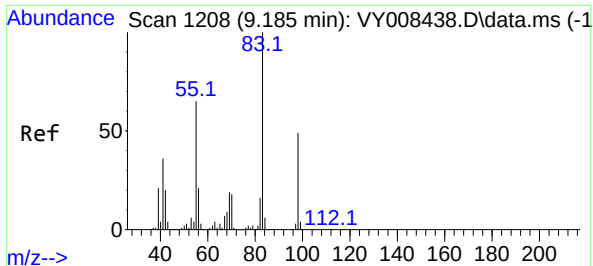


#35
Dibromofluoromethane
Concen: 46.751 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53



Tgt Ion:113 Resp: 55425
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.6 17.6 26.4





#39

Methylcyclohexane

Concen: 284.755 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008481.D

Acq: 25 Apr 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-7

Tgt Ion: 83 Resp: 68756

Ion Ratio Lower Upper

83 100

55 59.3 66.5 99.7

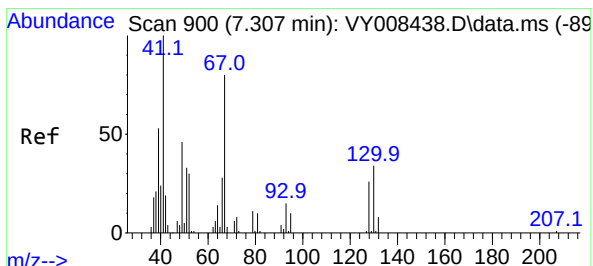
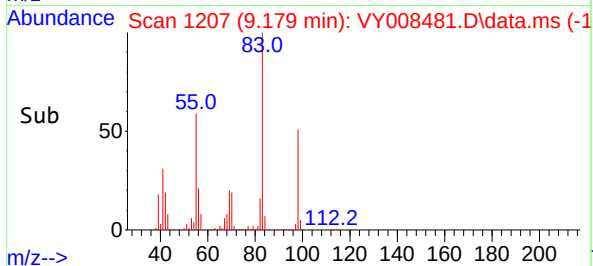
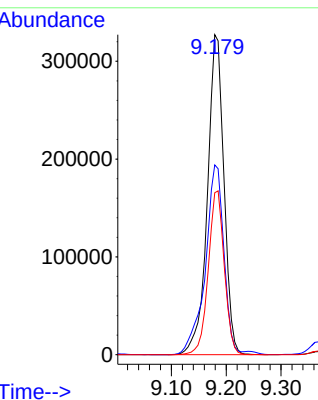
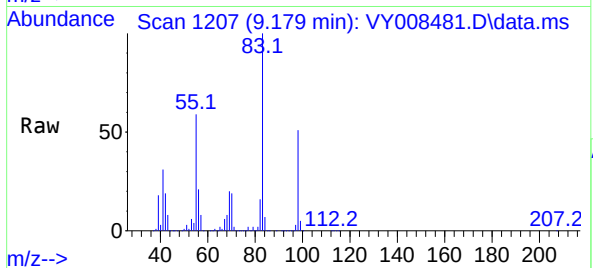
98 50.6 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#41

Methacrylonitrile

Concen: 1.089 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.049 min

Lab File: VY008481.D

Acq: 25 Apr 2022 14:53

Tgt Ion: 41 Resp: 551

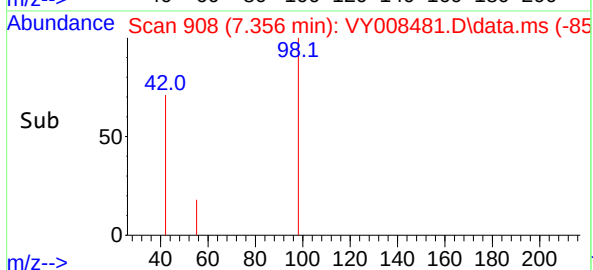
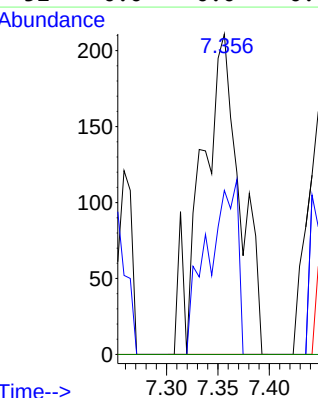
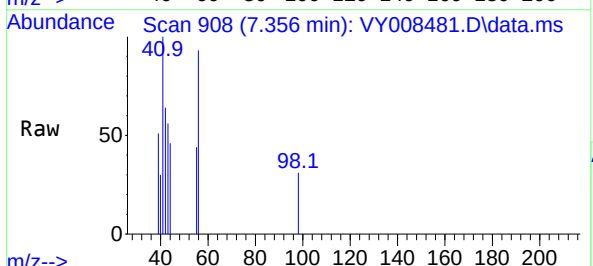
Ion Ratio Lower Upper

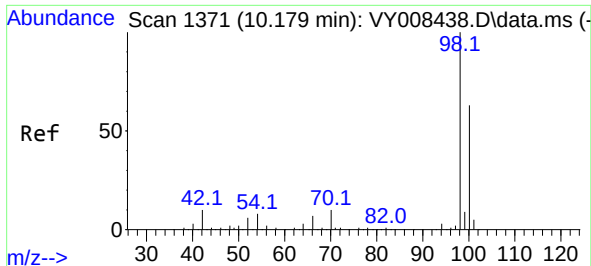
41 100

39 42.6 92.9 139.3

67 0.0 0.0 0.0

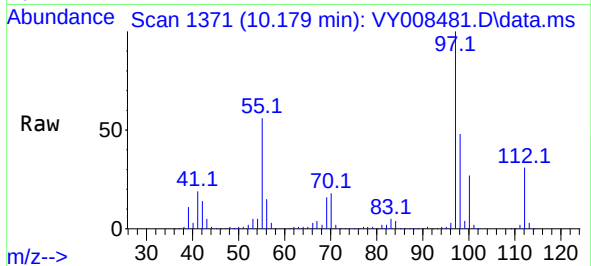
52 0.0 0.0 0.0





#50
Toluene-d8
Concen: 61.567 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

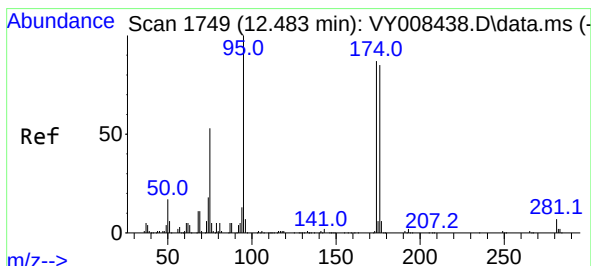
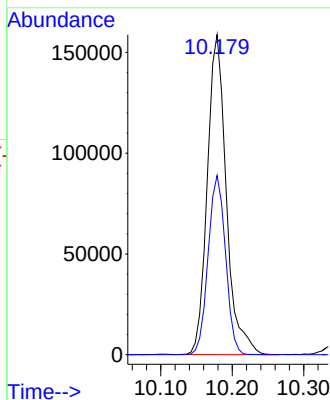
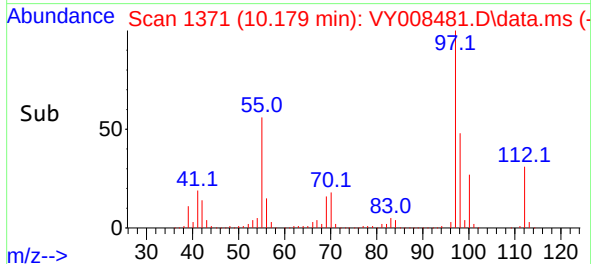
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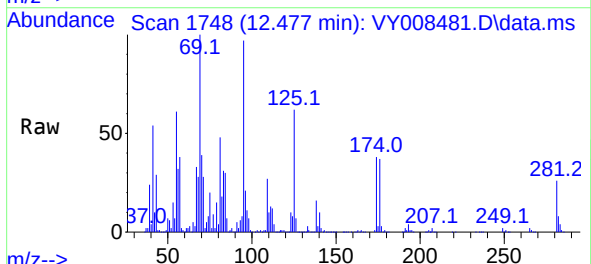
Tgt Ion: 98 Resp: 293352
Ion Ratio Lower Upper
98 100
100 51.2 50.2 75.2

Manual Integrations
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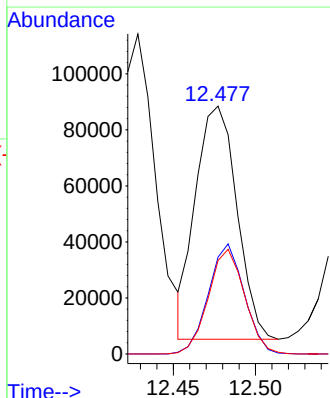
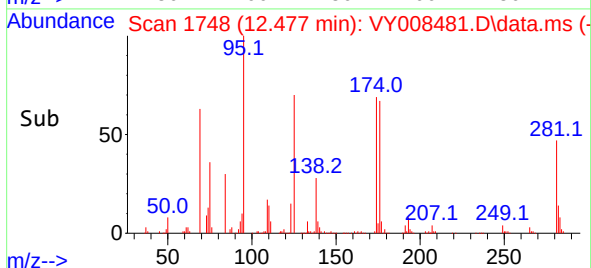
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

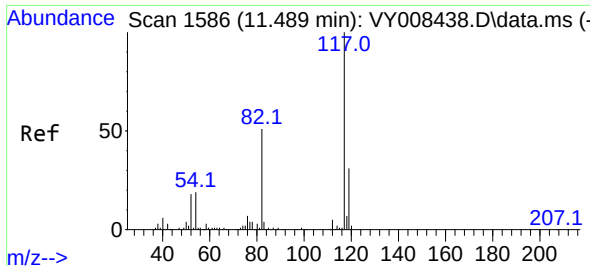


#62
4-Bromofluorobenzene
Concen: 90.995 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53



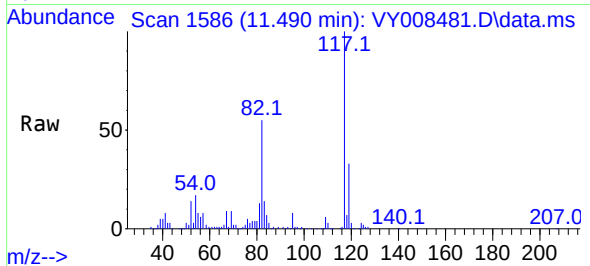
Tgt Ion: 95 Resp: 145263
Ion Ratio Lower Upper
95 100
174 40.9 0.0 177.0
176 39.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

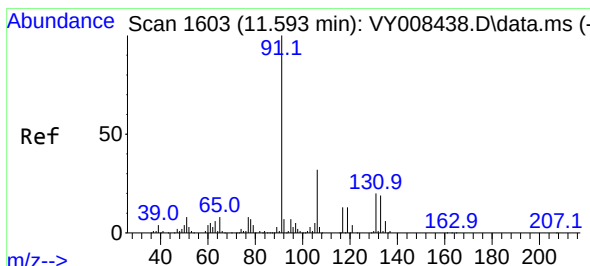
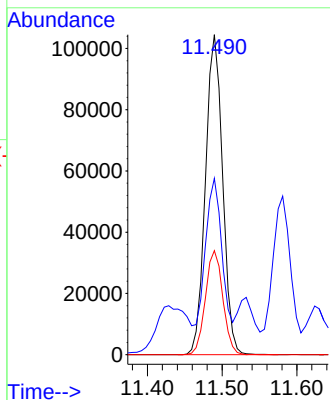
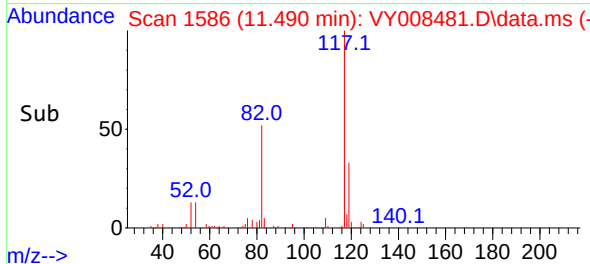
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WC-15-1-7



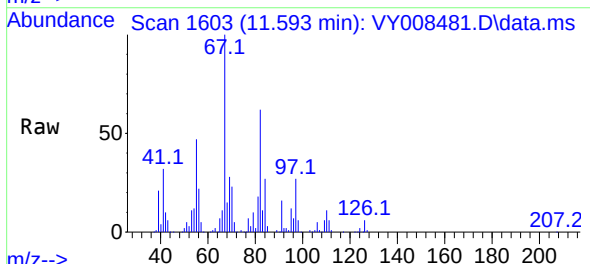
Tgt Ion: 117 Resp: 166518
Ion Ratio Lower Upper
117 100
82 40.8 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
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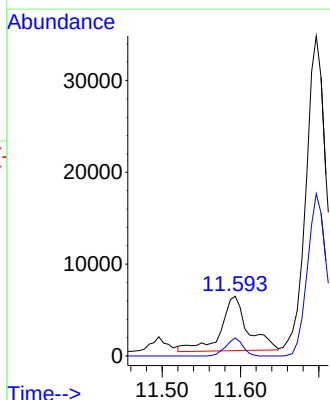
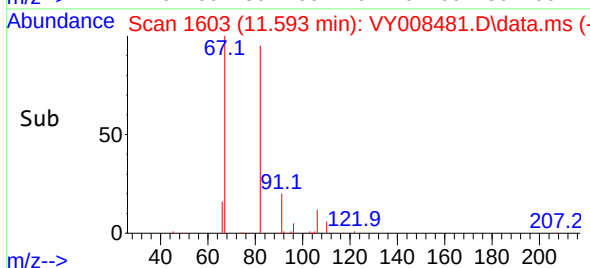
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

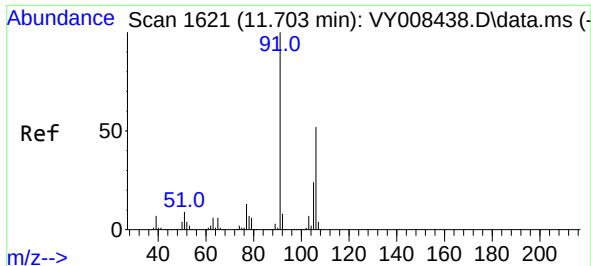


#67
Ethyl Benzene
Concen: 2.205 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53



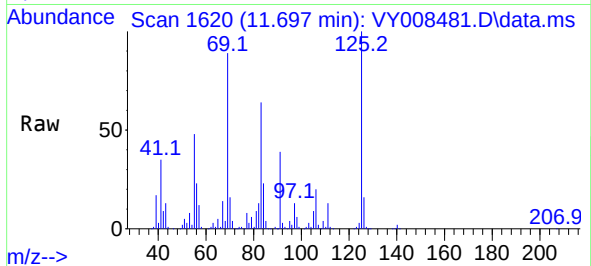
Tgt Ion: 91 Resp: 14411
Ion Ratio Lower Upper
91 100
106 34.4 24.5 36.7





#68
m/p-Xylenes
Concen: 11.420 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

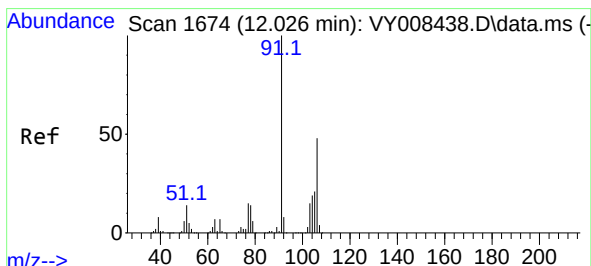
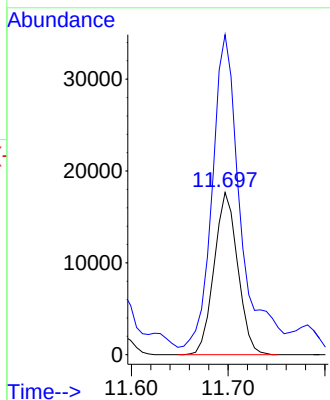
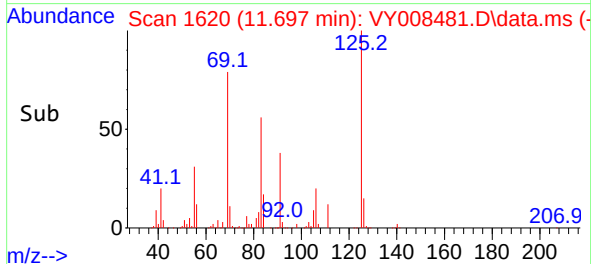
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



Tgt Ion:106 Resp: 29890
Ion Ratio Lower Upper
106 100
91 227.3 166.6 249.8

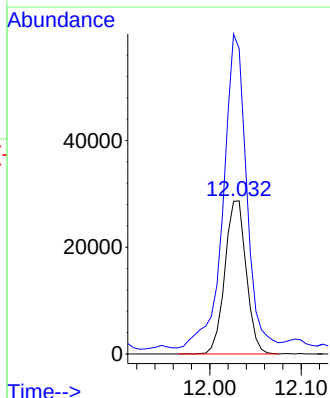
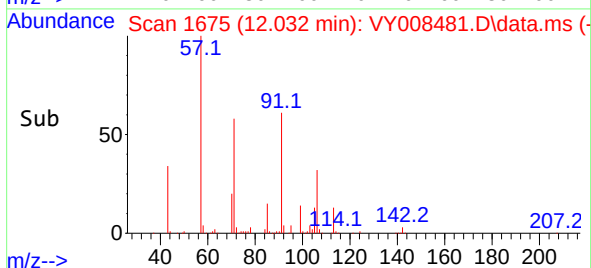
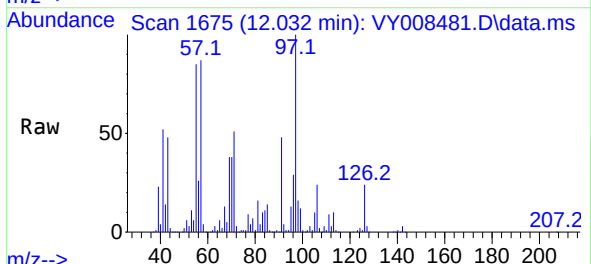
Manual Integrations
APPROVED

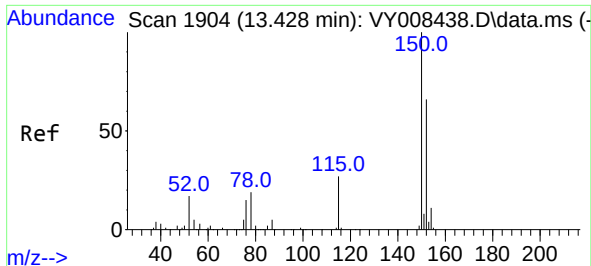
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#69
o-Xylene
Concen: 18.491 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

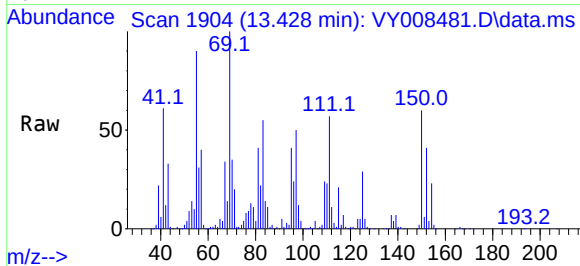
Tgt Ion:106 Resp: 46595
Ion Ratio Lower Upper
106 100
91 222.4 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

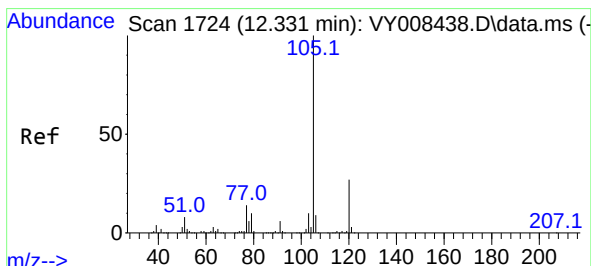
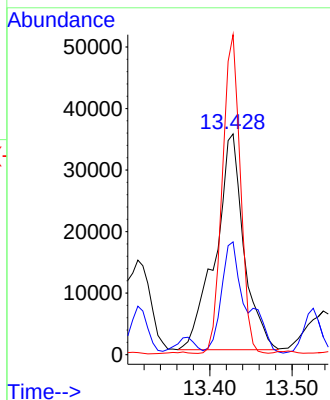
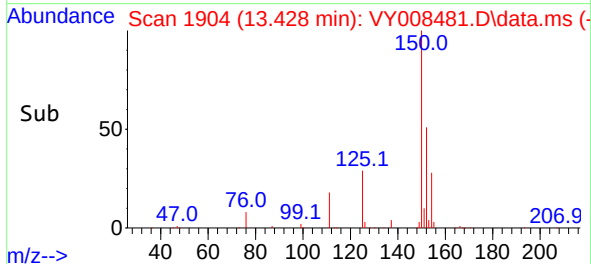
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



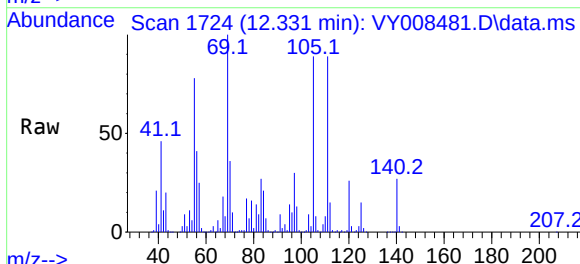
Tgt Ion:152 Resp: 8446
Ion Ratio Lower Upper
152 100
115 45.8 28.2 84.7
150 93.1 0.0 347.6

Manual Integrations
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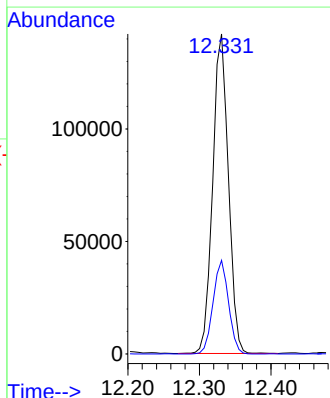
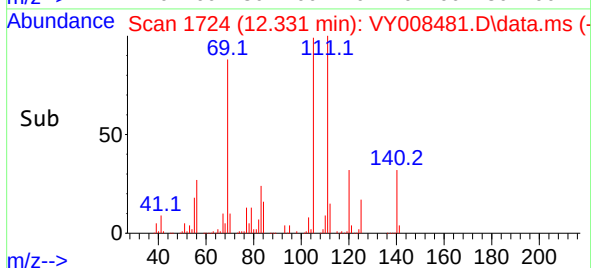
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

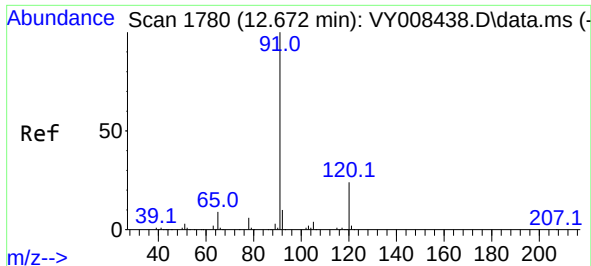


#73
Isopropylbenzene
Concen: 33.786 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53



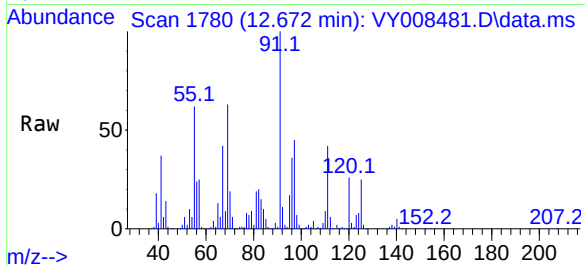
Tgt Ion:105 Resp: 216373
Ion Ratio Lower Upper
105 100
120 28.9 13.4 40.2





#78
n-propylbenzene
Concen: 22.142 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

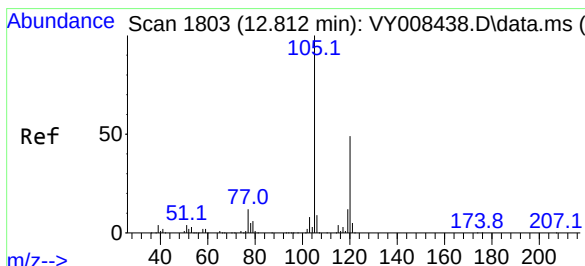
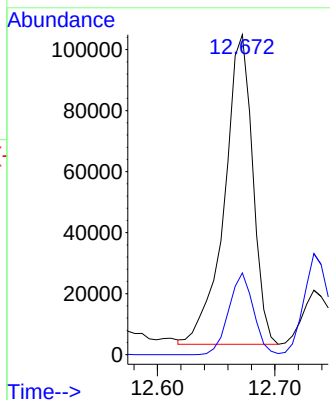
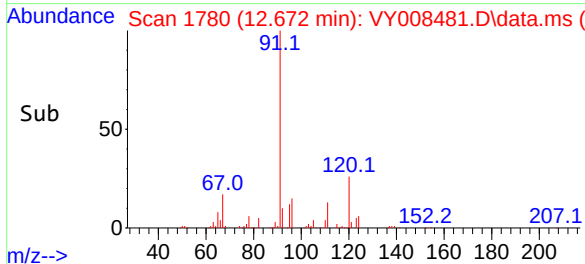
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7



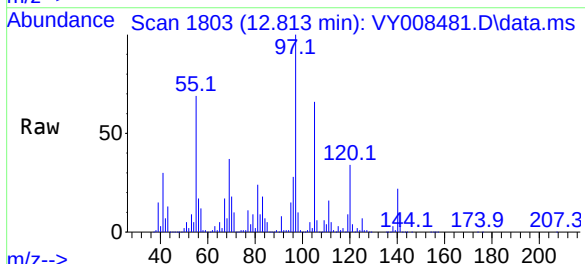
Tgt Ion: 91 Resp: 170089
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

Manual Integrations
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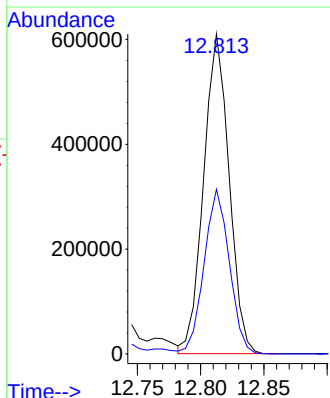
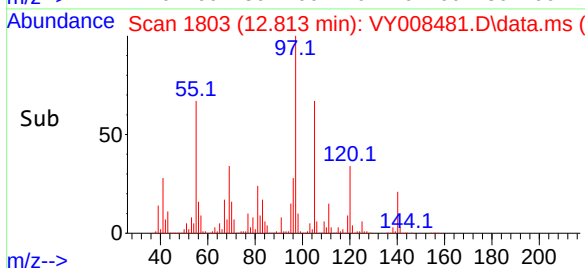
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

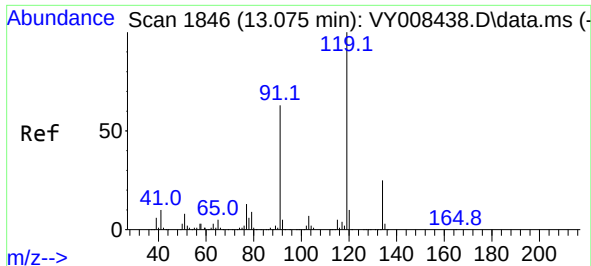


#80
1,3,5-Trimethylbenzene
Concen: 160.643 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53



Tgt Ion:105 Resp: 853951
Ion Ratio Lower Upper
105 100
120 51.1 24.4 73.4





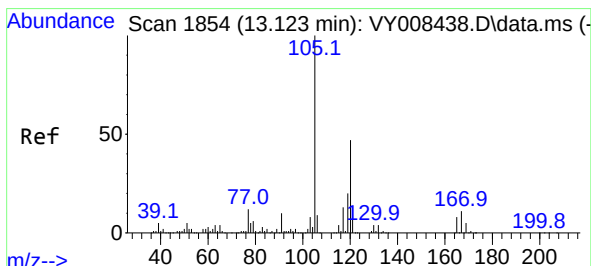
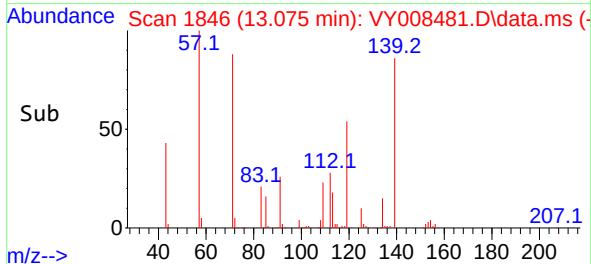
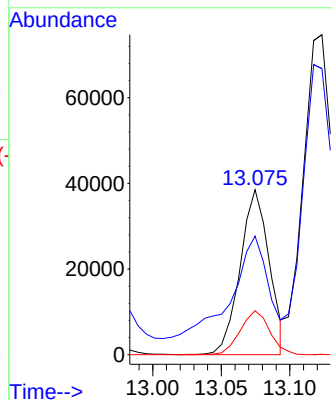
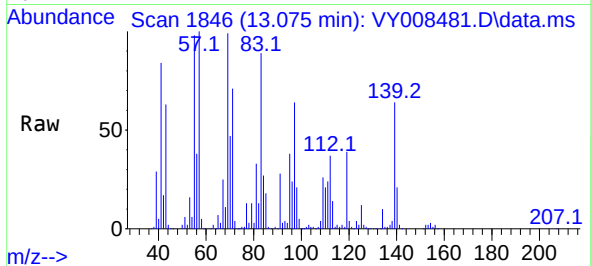
#83
tert-Butylbenzene
Concen: 12.335 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7

Tgt Ion:119 Resp: 5692
Ion Ratio Lower Upper
119 100
91 76.1 34.8 104.4
134 26.9 13.3 39.9

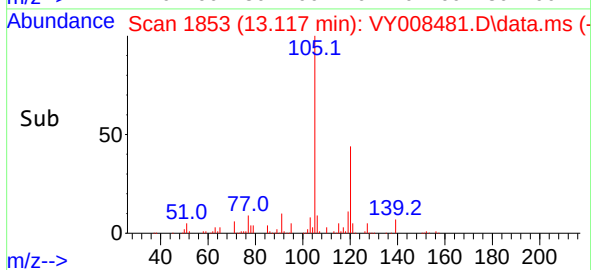
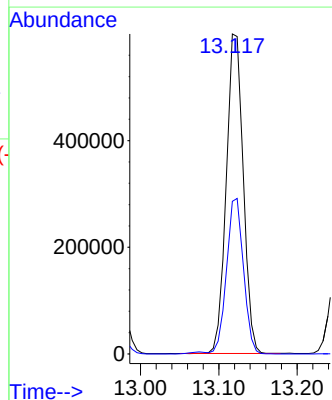
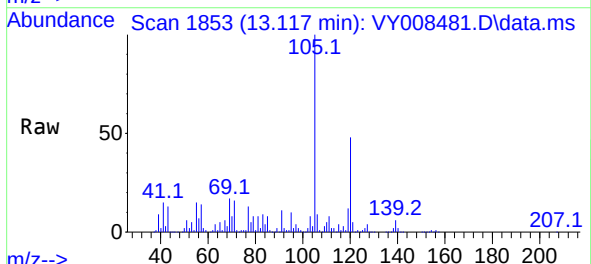
Manual Integrations
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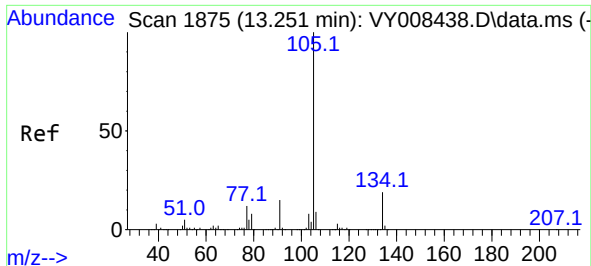
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#84
1,2,4-Trimethylbenzene
Concen: 171.513 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008481.D
Acq: 25 Apr 2022 14:53

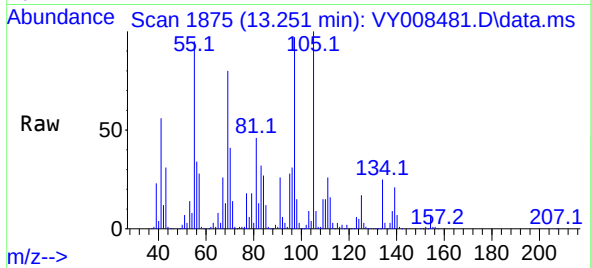
Tgt Ion:105 Resp: 904631
Ion Ratio Lower Upper
105 100
120 48.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 41.683 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008481.D
 Acq: 25 Apr 2022 14:53

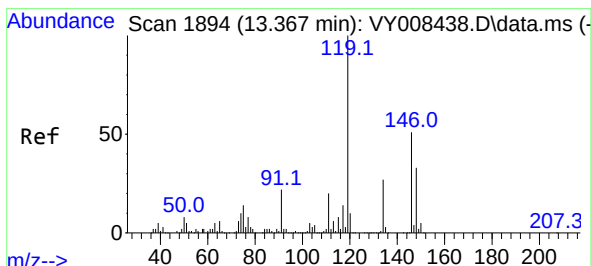
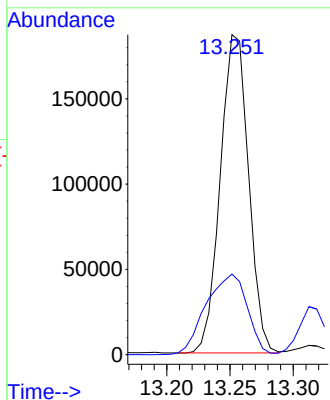
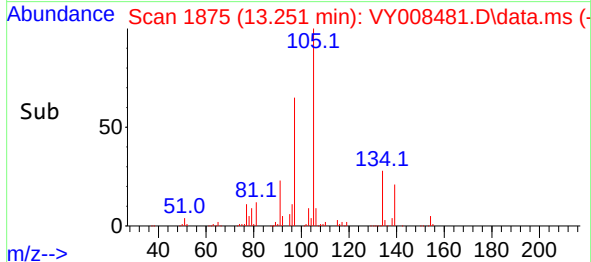
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-7



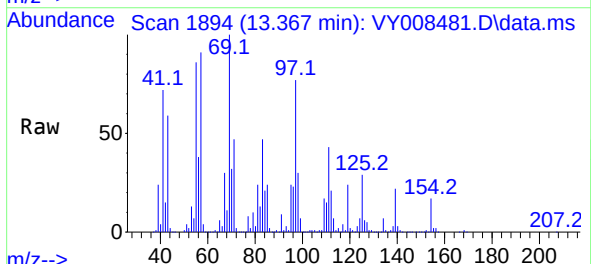
Tgt Ion:105 Resp: 290293
 Ion Ratio Lower Upper
 105 100
 134 36.9 10.2 30.4

Manual Integrations
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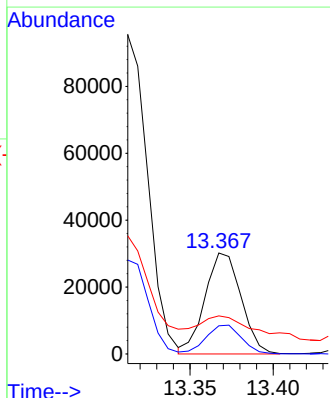
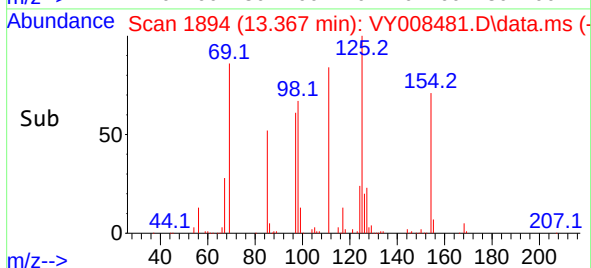
Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

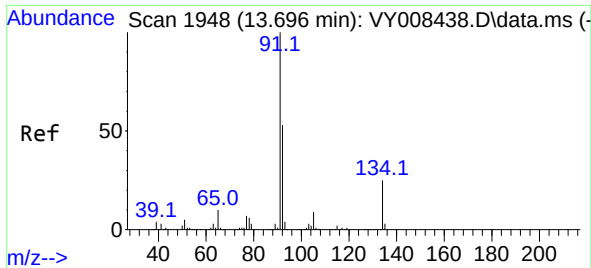


#86
 p-Isopropyltoluene
 Concen: 7.817 ug/l m
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008481.D
 Acq: 25 Apr 2022 14:53



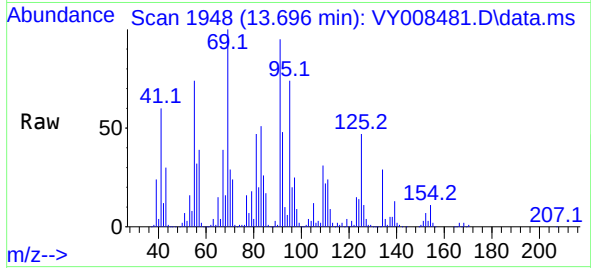
Tgt Ion:119 Resp: 45593
 Ion Ratio Lower Upper
 119 100
 134 87.8 13.2 39.5#
 91 90.5 12.4 37.2#





#89
 n-Butylbenzene
 Concen: 19.502 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY008481.D
 Acq: 25 Apr 2022 14:53

Instrument : MSVOA_Y
 ClientSampleId : WC-15-1-7



Tgt Ion: 91 Resp: 103238

Ion	Ratio	Lower	Upper
91	100		
92	64.5	26.3	78.9
134	0.0	13.0	38.9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

