

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010915.D
 Acq On : 11 Oct 2022 14:28
 Operator : KP/MD
 Sample : N5004-11
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22020-8.5

Quant Time: Oct 12 04:45:35 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 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	406379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	106541	42.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.340%		
35) Dibromofluoromethane	7.716	113	107272	39.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.540%		
50) Toluene-d8	10.179	98	405808	43.988	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.980%		
62) 4-Bromofluorobenzene	12.483	95	135621	36.646	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	73.300%		
Target Compounds					Qvalue	
31) Cyclohexane	7.777	56	82319	18.420	ug/l	95
39) Methylcyclohexane	9.179	83	81385	17.014	ug/l	96
40) Benzene	8.155	78	23807	2.122	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	2698	1.426	ug/l	94
52) Toluene	10.240	92	58603	8.208	ug/l	97
67) Ethyl Benzene	11.593	91	611406	46.705	ug/l	99
68) m/p-Xylenes	11.697	106	615789	120.196	ug/l	95
69) o-Xylene	12.026	106	240531	50.216	ug/l	95
73) Isopropylbenzene	12.331	105	99037	8.099	ug/l	100
78) n-propylbenzene	12.672	91	354056	23.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	265743	25.693	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1218183	119.794	ug/l	98
85) sec-Butylbenzene	13.251	105	26295m	1.981	ug/l	
89) n-Butylbenzene	13.697	91	26660	2.602	ug/l #	73
95) Naphthalene	15.233	128	247104	44.524	ug/l	98

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

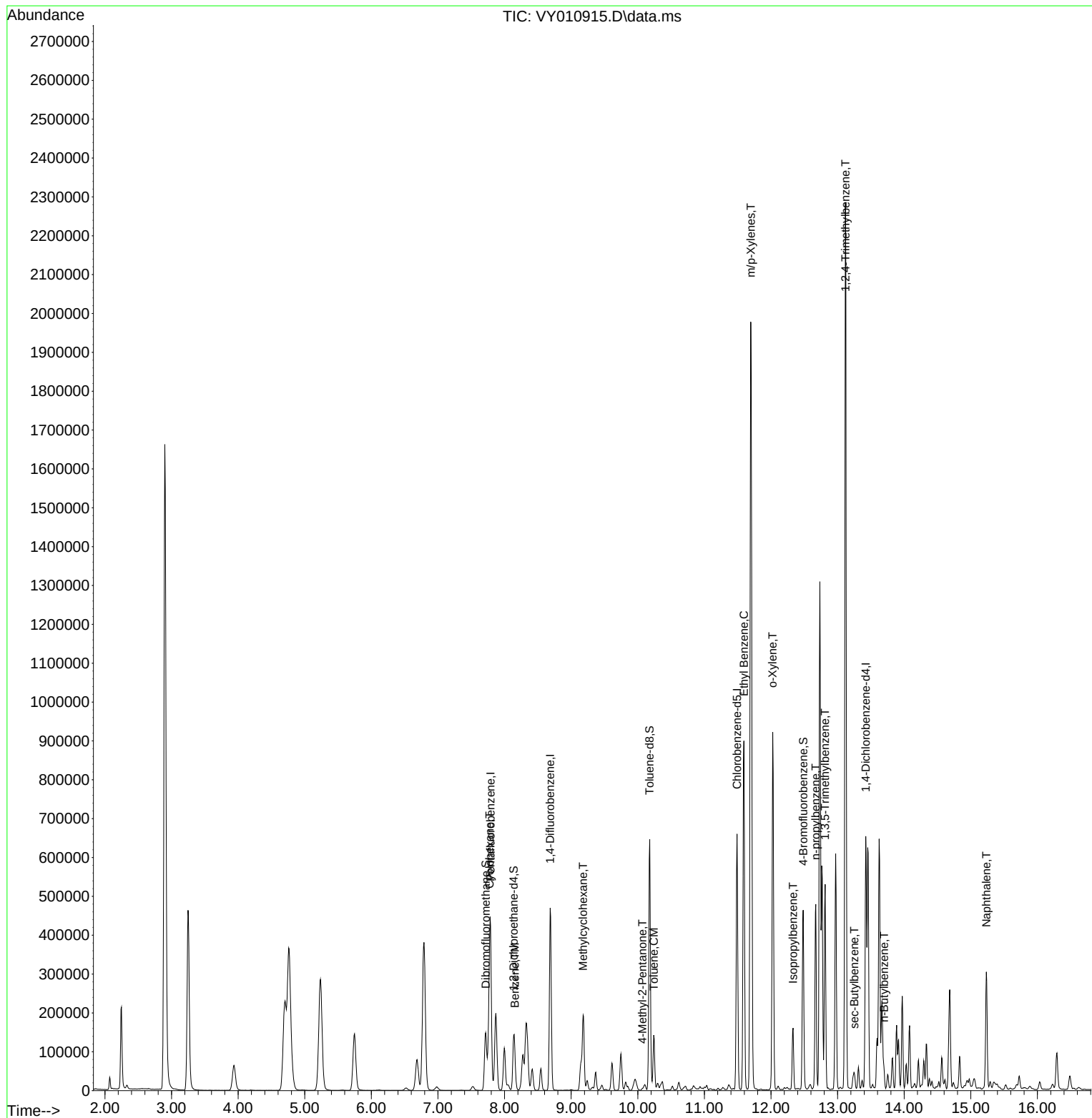
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
Data File : VY010915.D
Acq On : 11 Oct 2022 14:28
Operator : KP/MD
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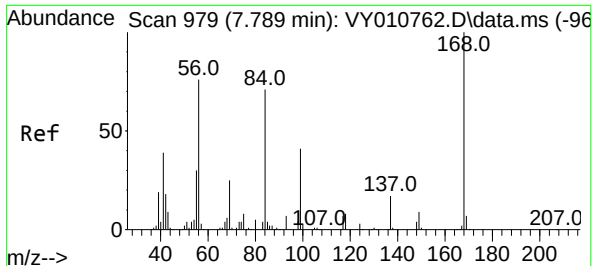
Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5

Quant Time: Oct 12 04:45:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
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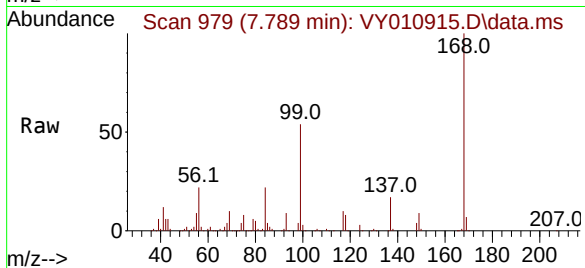
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

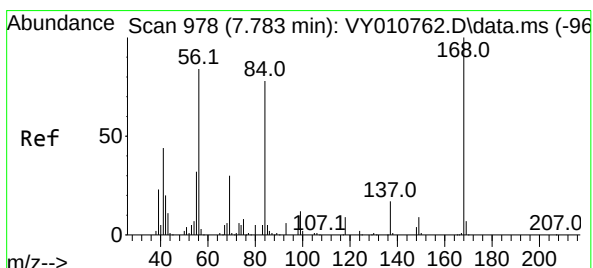
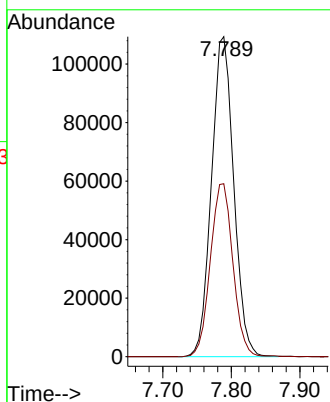
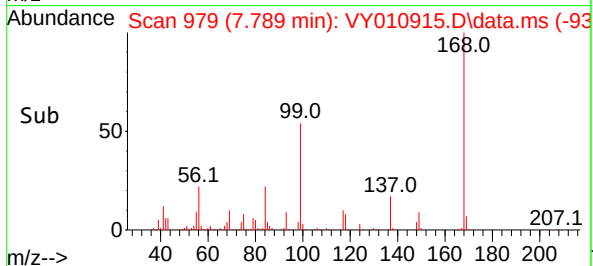
Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5



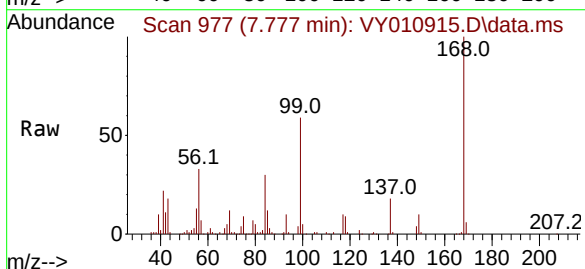
Tgt Ion:168 Resp: 246310
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3

Manual Integrations
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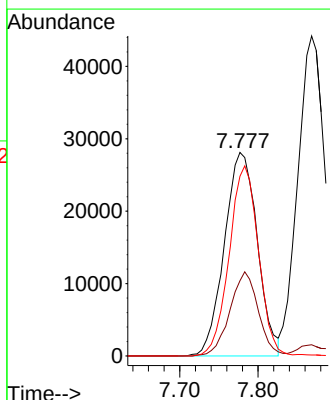
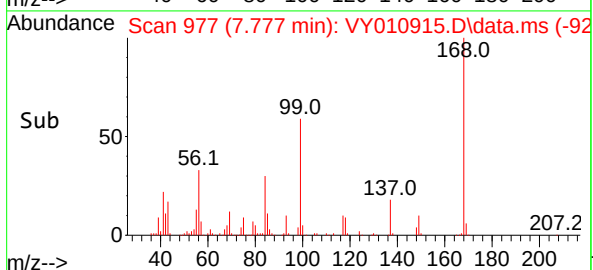
Reviewed By :Krupa Patel 10/12/2022
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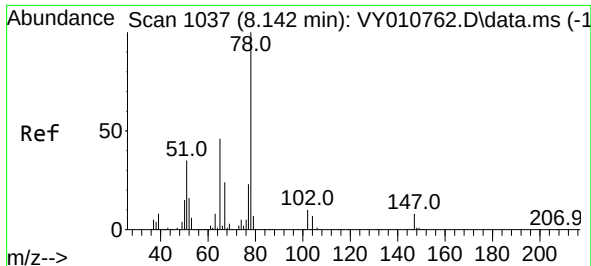


#31
Cyclohexane
Concen: 18.420 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28



Tgt Ion: 56 Resp: 82319
Ion Ratio Lower Upper
56 100
69 37.0 26.7 40.1
84 88.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 42.672 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY010915.D

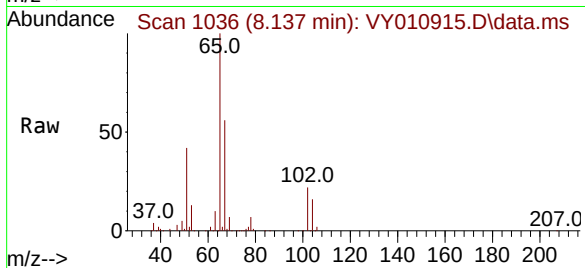
Acq: 11 Oct 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

D22020-8.5



Tgt Ion: 65 Resp: 10654

Ion Ratio Lower Upper

65 100

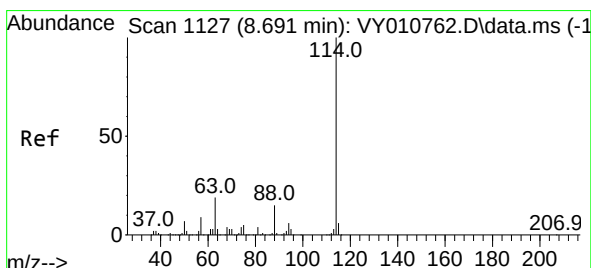
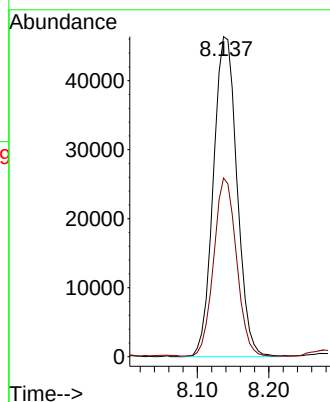
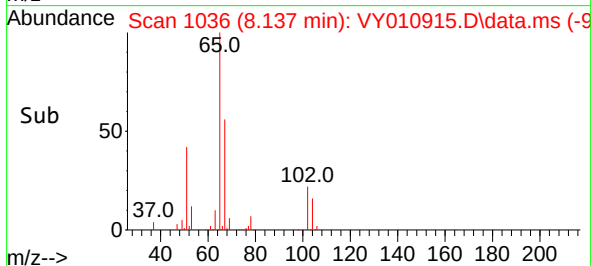
67 53.6 0.0 99.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010915.D

Acq: 11 Oct 2022 14:28

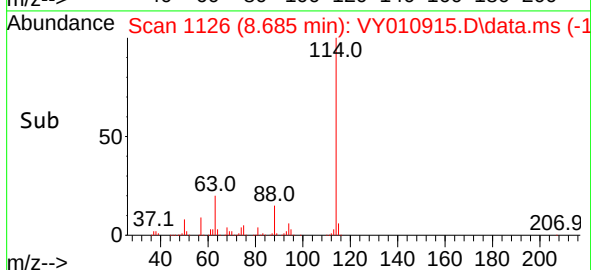
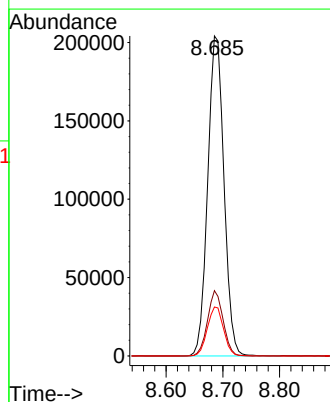
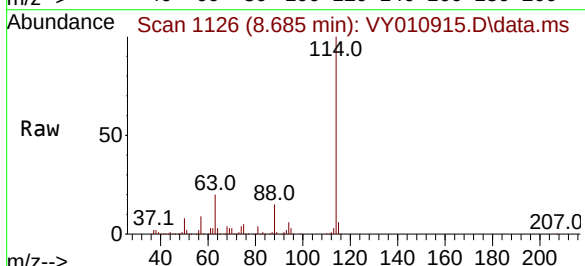
Tgt Ion:114 Resp: 406379

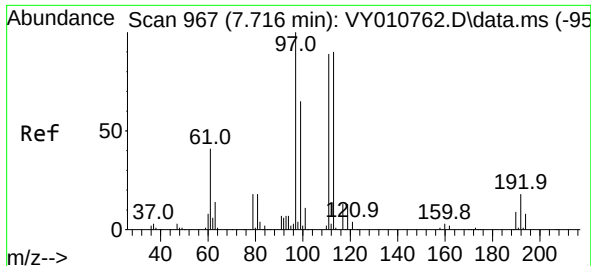
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

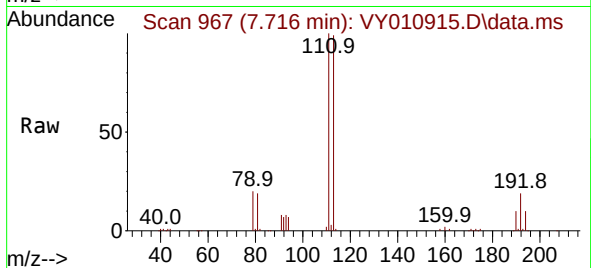
88 15.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 39.766 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

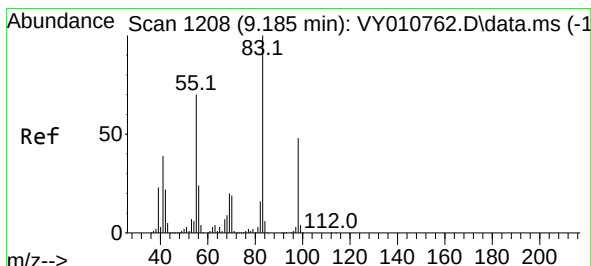
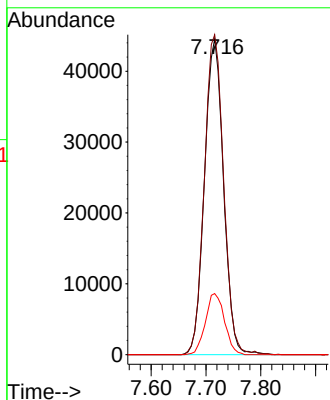
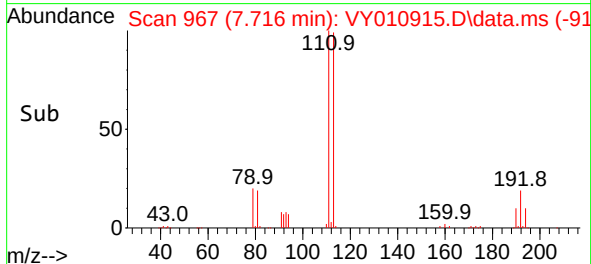
Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5



Tgt Ion:113 Resp: 10727
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.4 17.6 26.4

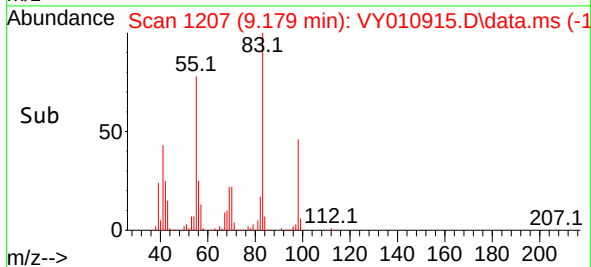
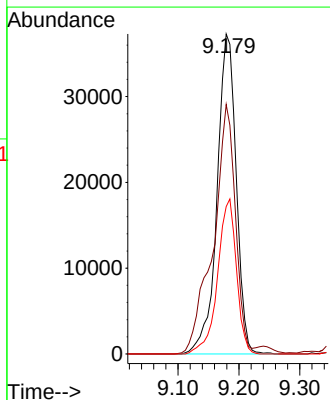
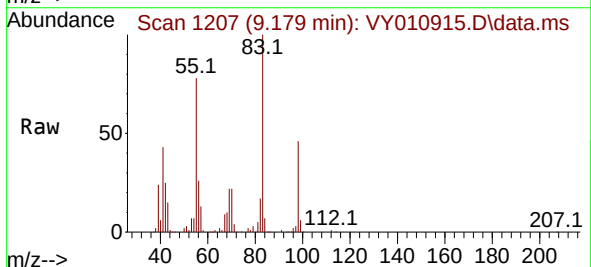
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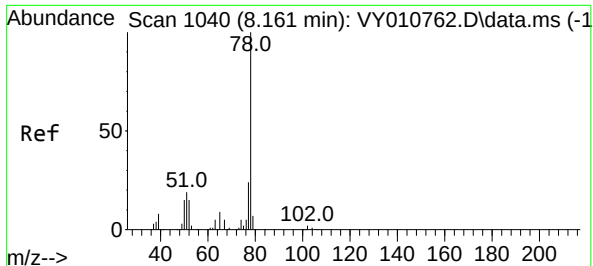
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#39
Methylcyclohexane
Concen: 17.014 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Tgt Ion: 83 Resp: 81385
Ion Ratio Lower Upper
83 100
55 77.8 66.5 99.7
98 46.1 37.9 56.9





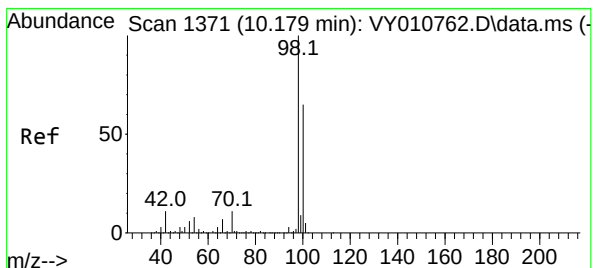
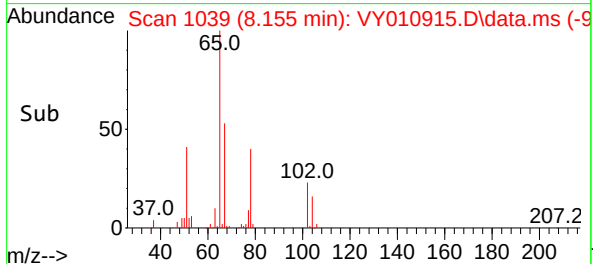
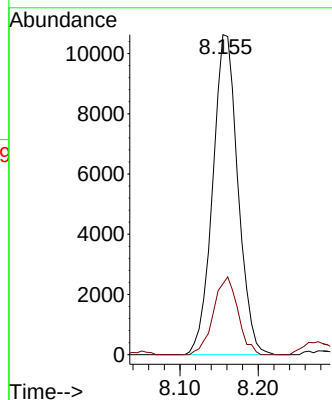
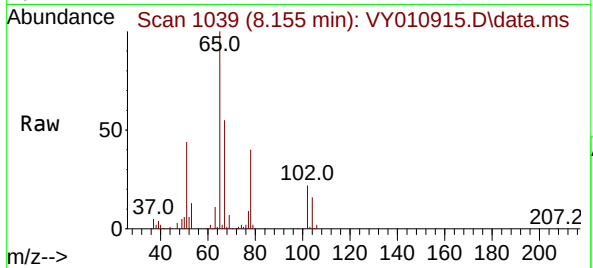
#40
Benzene
Concen: 2.122 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5

Tgt Ion: 78 Resp: 2380
Ion Ratio Lower Upper
78 100
77 22.2 20.4 30.6

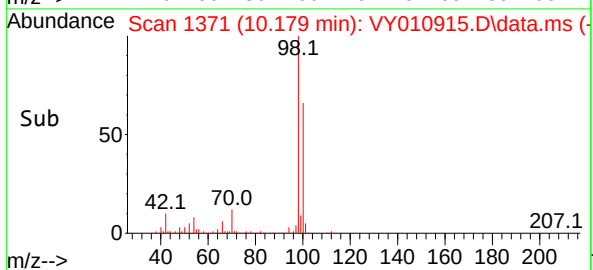
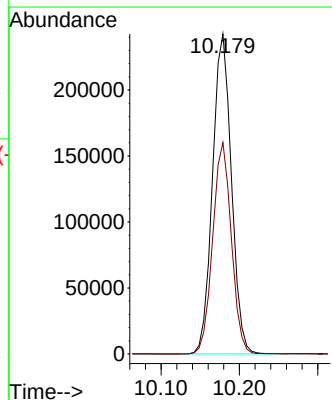
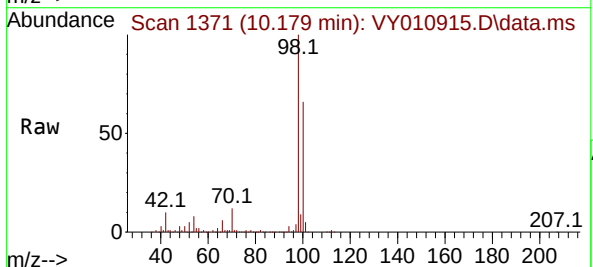
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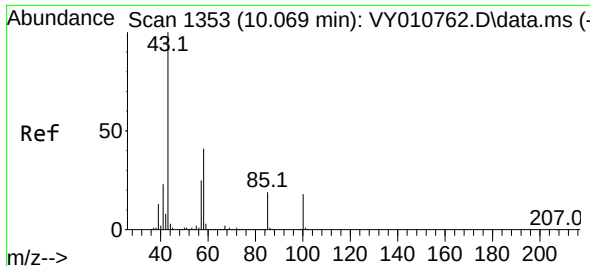
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#50
Toluene-d8
Concen: 43.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

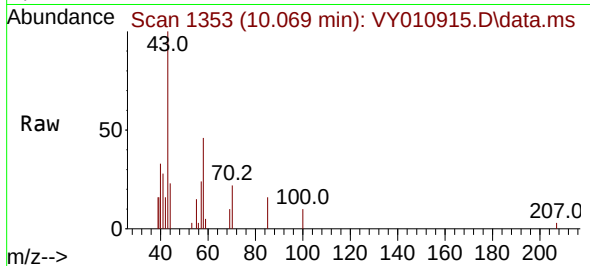
Tgt Ion: 98 Resp: 405808
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 1.426 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

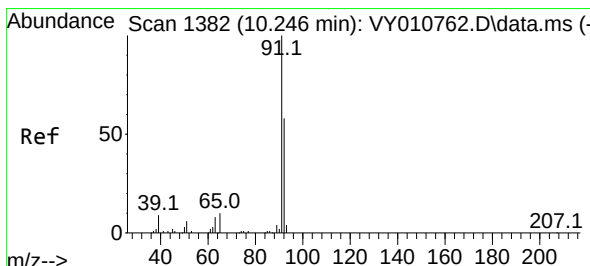
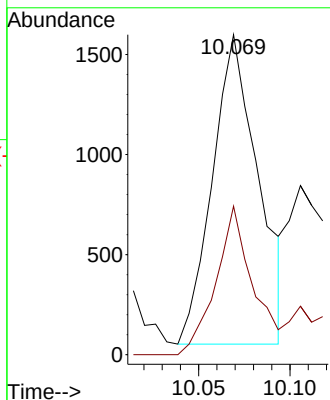
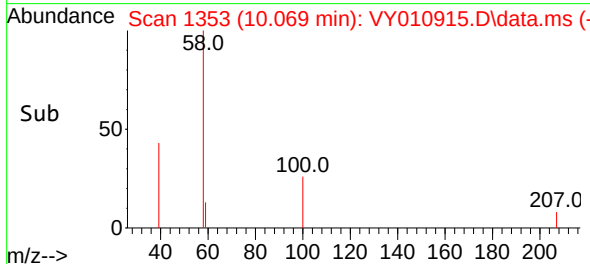
Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5



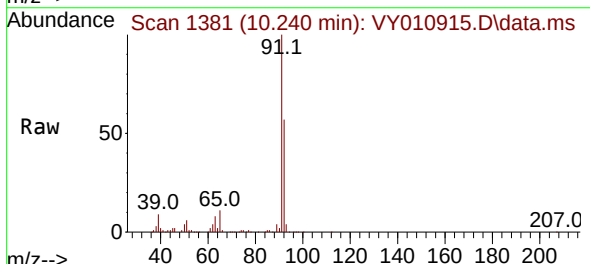
Tgt Ion: 43 Resp: 2698
Ion Ratio Lower Upper
43 100
58 38.6 28.1 42.1

Manual Integrations
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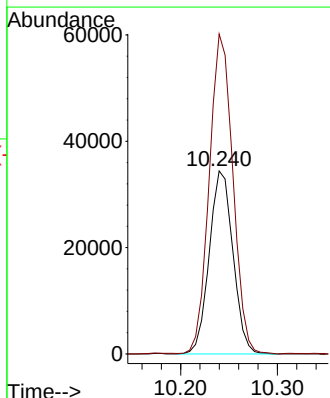
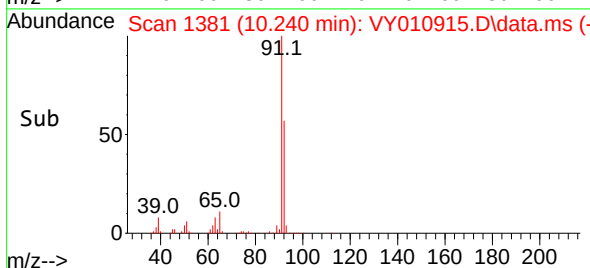
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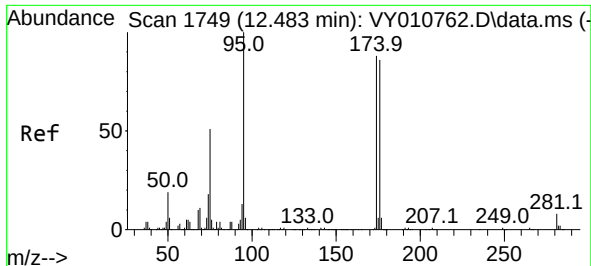


#52
Toluene
Concen: 8.208 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28



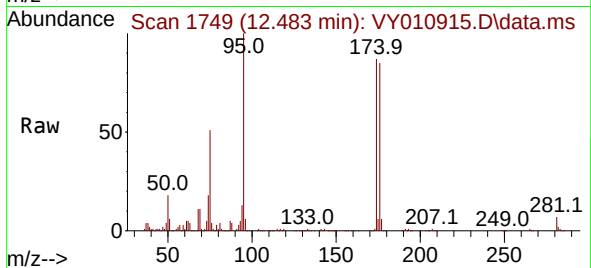
Tgt Ion: 92 Resp: 58603
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 36.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

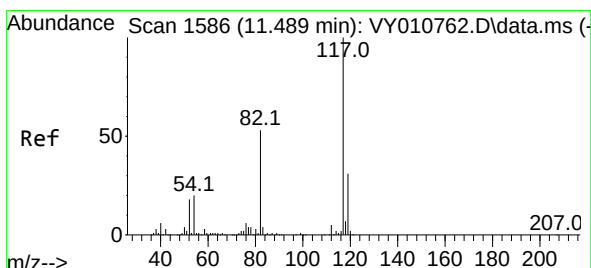
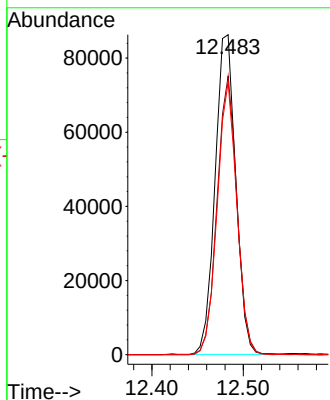
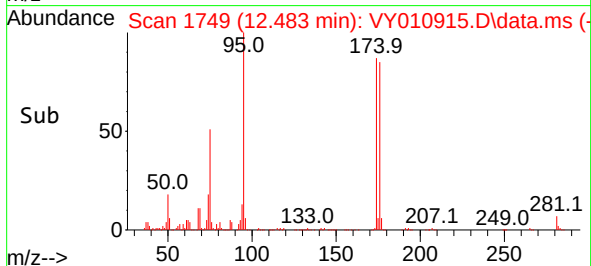
Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5



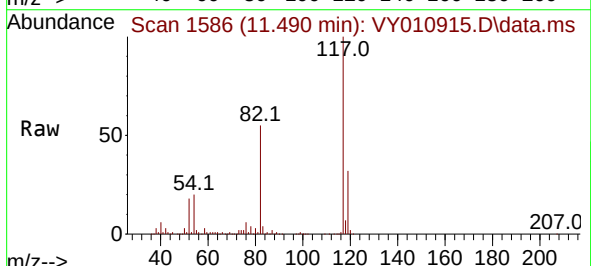
Tgt Ion: 95 Resp: 13562
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.8 0.0 175.8

Manual Integrations
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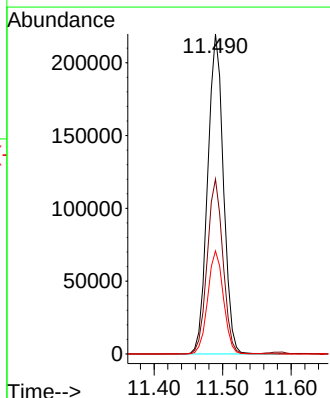
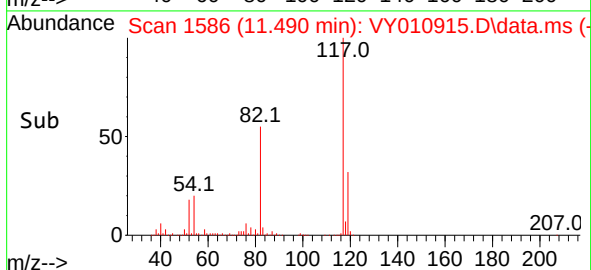
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

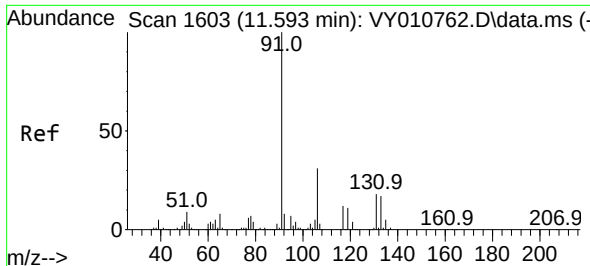


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28



Tgt Ion:117 Resp: 351258
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.2 25.4 38.0





#67

Ethyl Benzene

Concen: 46.705 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010915.D

Acq: 11 Oct 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

D22020-8.5

Tgt Ion: 91 Resp: 611400

Ion Ratio Lower Upper

91 100

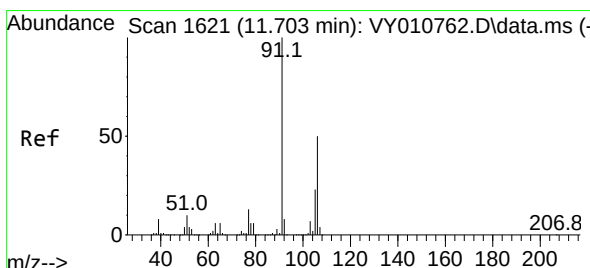
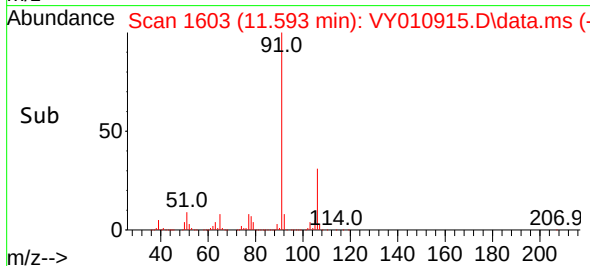
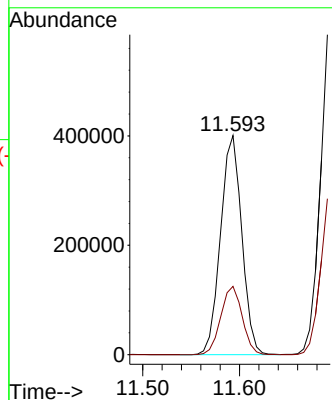
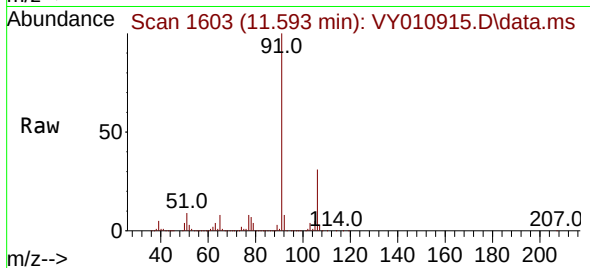
106 31.2 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 120.196 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY010915.D

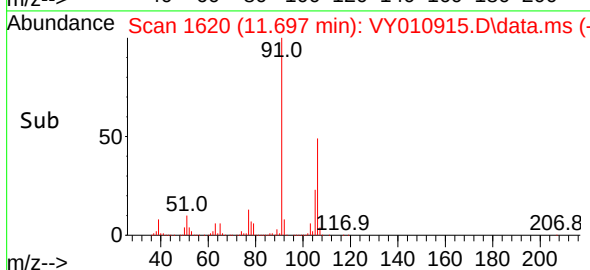
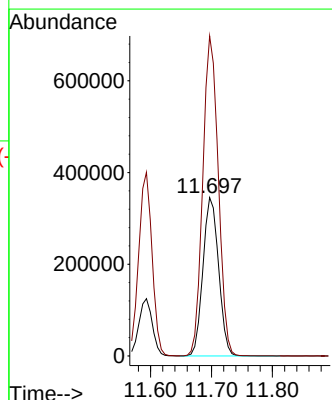
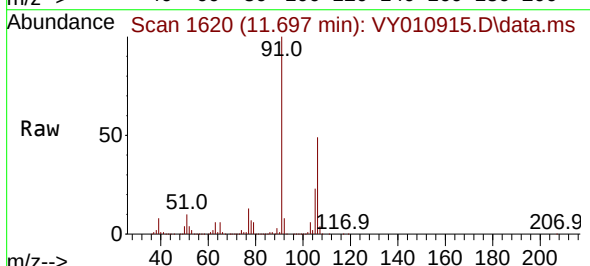
Acq: 11 Oct 2022 14:28

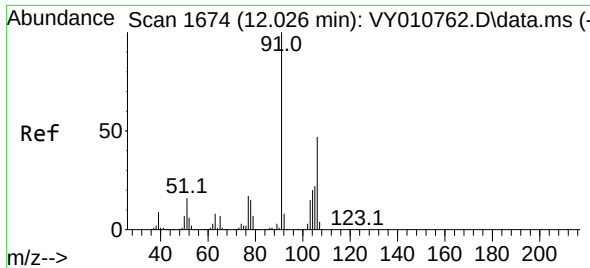
Tgt Ion:106 Resp: 615789

Ion Ratio Lower Upper

106 100

91 200.7 166.6 249.8





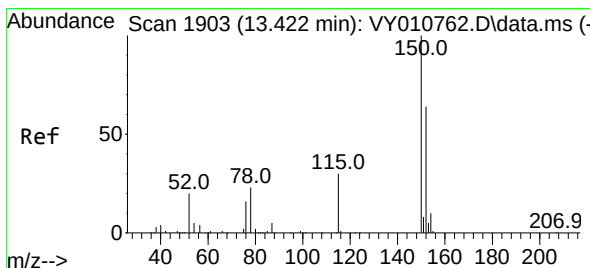
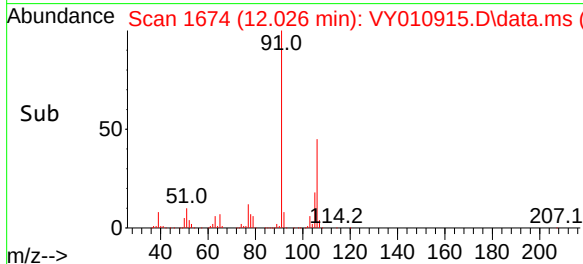
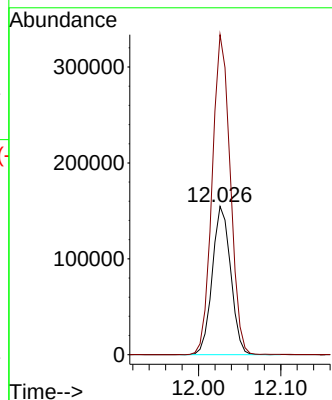
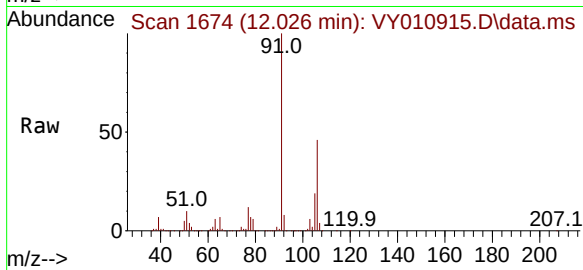
#69
o-Xylene
Concen: 50.216 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5

Tgt Ion:106 Resp: 24053
Ion Ratio Lower Upper
106 100
91 213.0 110.3 331.0

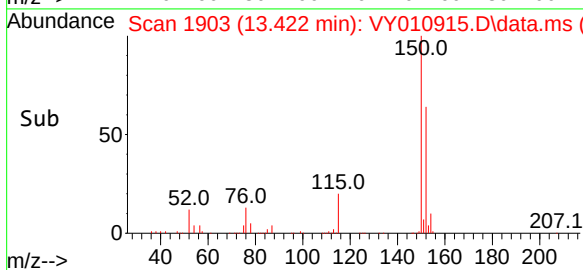
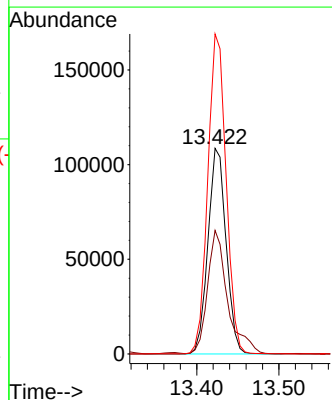
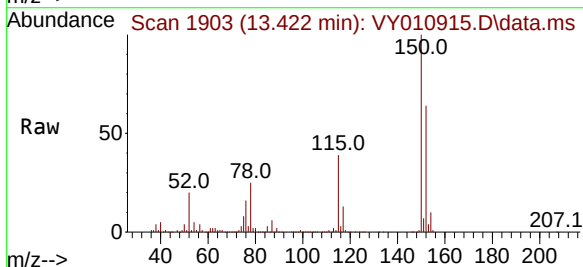
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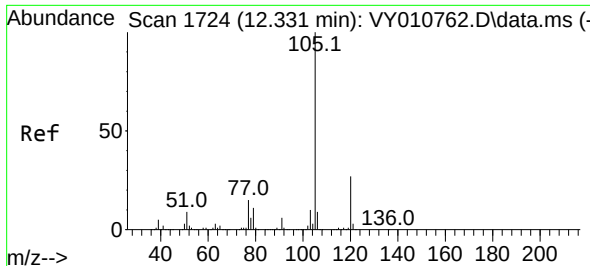
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Tgt Ion:152 Resp: 166344
Ion Ratio Lower Upper
152 100
115 66.2 28.2 84.7
150 157.0 0.0 347.6





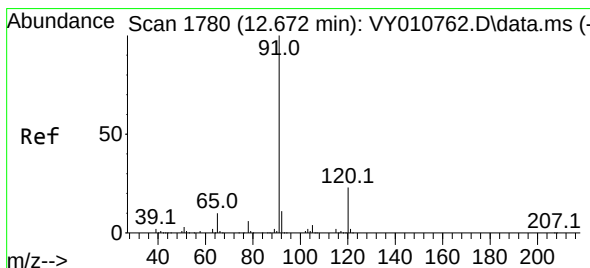
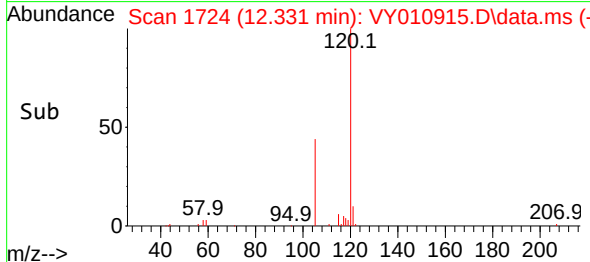
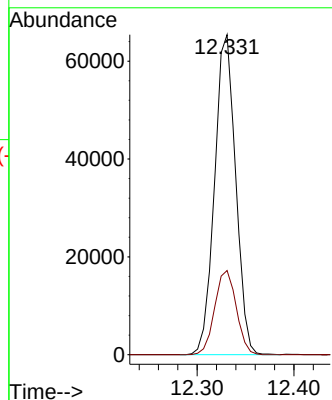
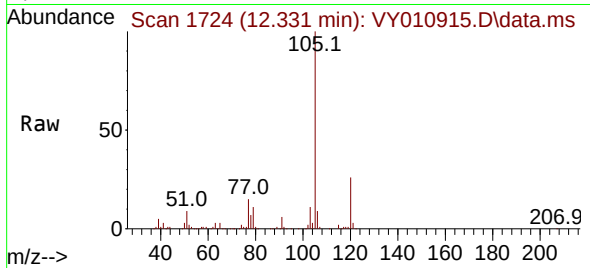
#73
Isopropylbenzene
Concen: 8.099 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5

Tgt Ion:105 Resp: 9903
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

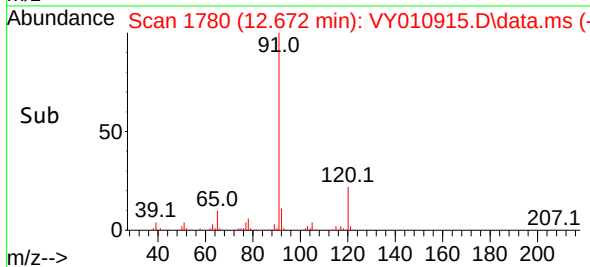
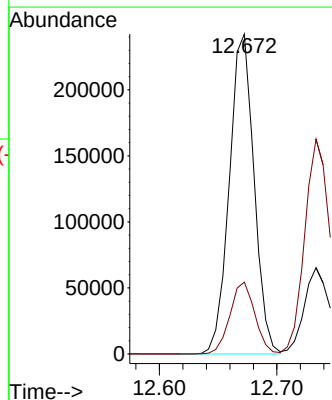
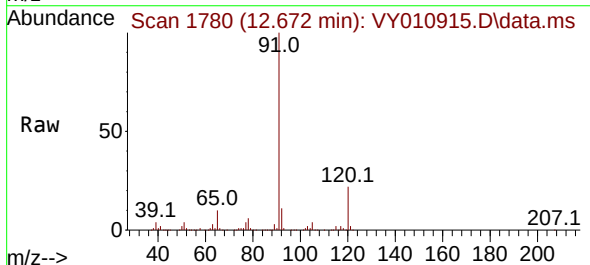
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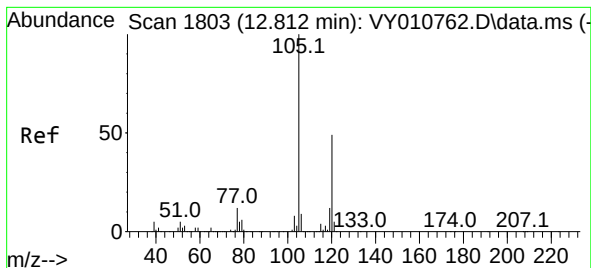
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#78
n-propylbenzene
Concen: 23.772 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Tgt Ion: 91 Resp: 354056
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 25.693 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY010915.D

Acq: 11 Oct 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

D22020-8.5

Tgt Ion:105 Resp: 26574

Ion Ratio Lower Upper

105 100

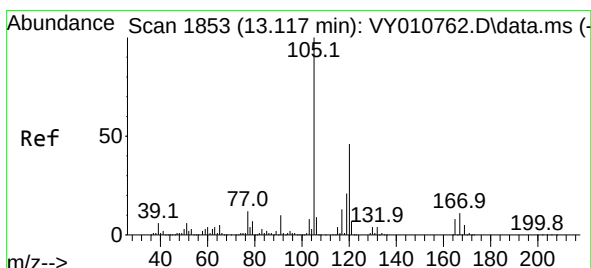
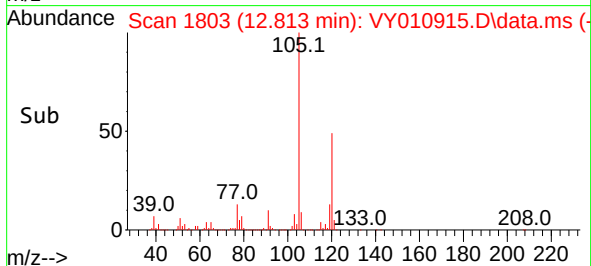
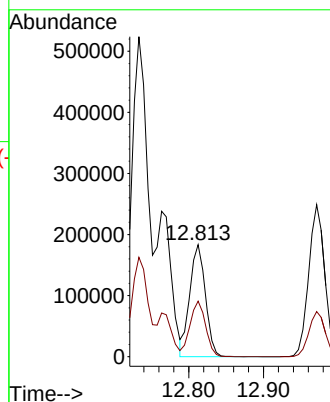
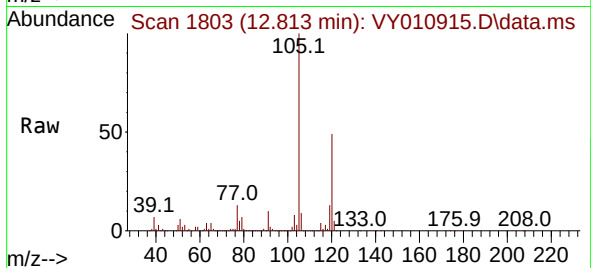
120 49.7 24.4 73.4

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Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#84

1,2,4-Trimethylbenzene

Concen: 119.794 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010915.D

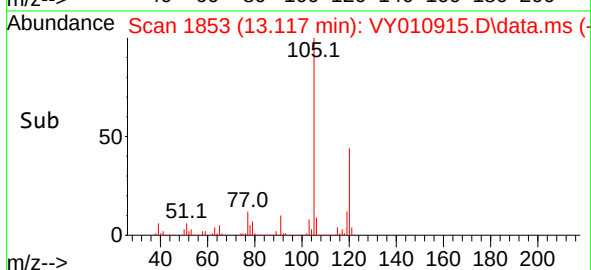
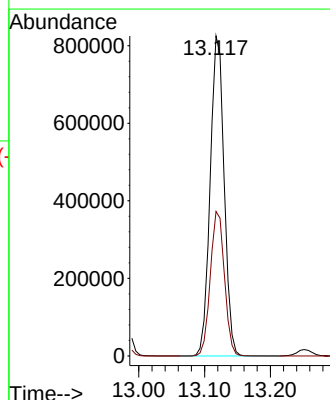
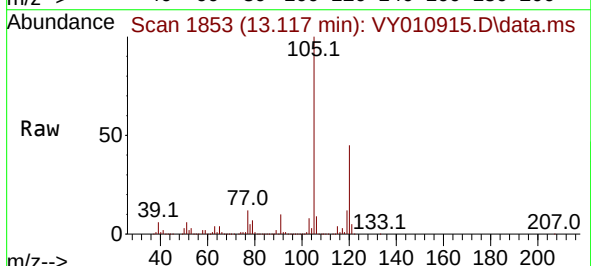
Acq: 11 Oct 2022 14:28

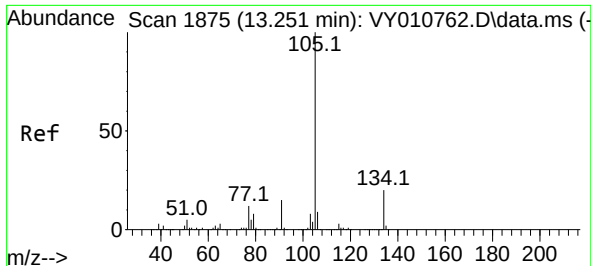
Tgt Ion:105 Resp: 1218183

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





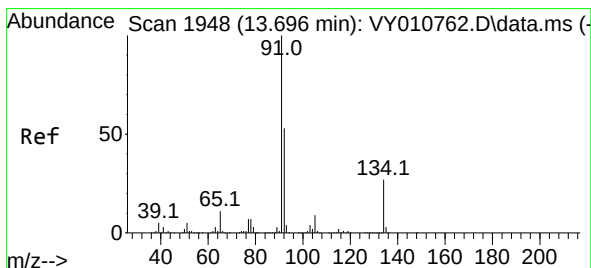
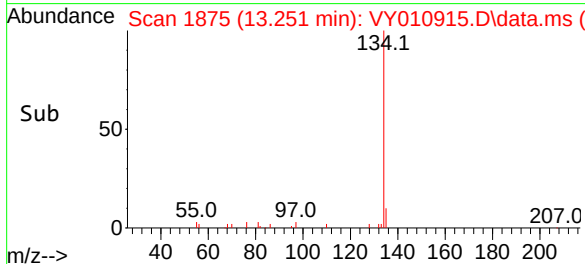
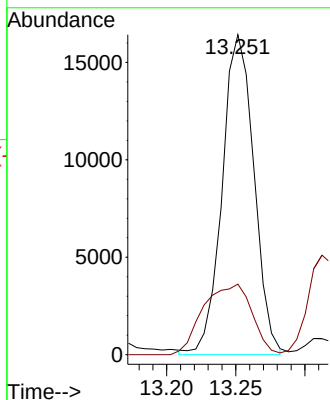
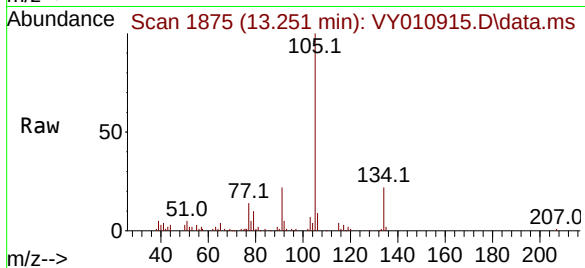
#85
sec-Butylbenzene
Concen: 1.981 ug/l m
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5

Tgt Ion:105 Resp: 2629
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4

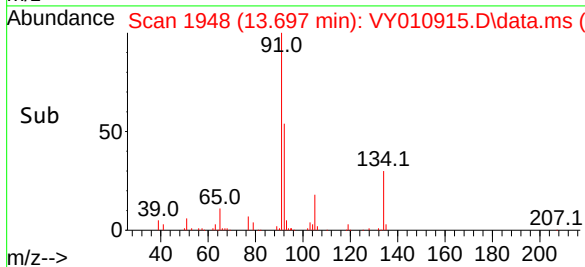
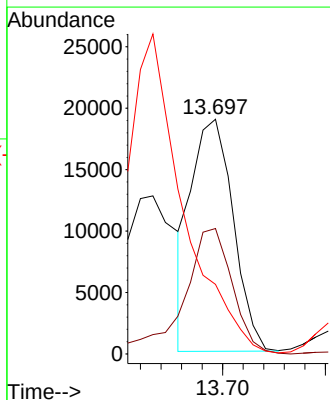
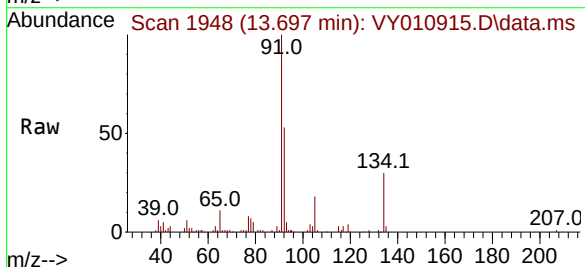
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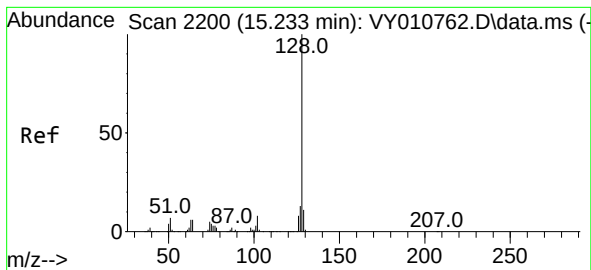
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#89
n-Butylbenzene
Concen: 2.602 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

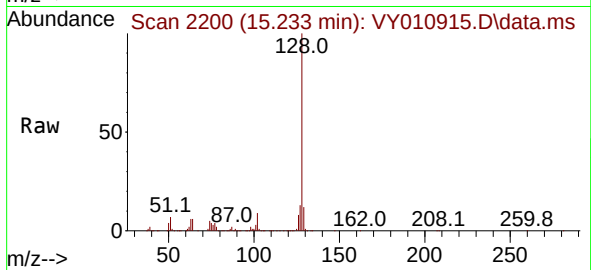
Tgt Ion: 91 Resp: 26660
Ion Ratio Lower Upper
91 100
92 63.1 26.3 78.9
134 0.0 13.0 38.9





#95
Naphthalene
Concen: 44.524 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010915.D
Acq: 11 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
D22020-8.5



Tgt Ion:128 Resp: 247104
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.2 8.4 12.6

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Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

