

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010572.D
 Acq On : 20 Sep 2022 13:38
 Operator : KP/MD
 Sample : N4665-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 18:09:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100548	62.017	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.040%			
35) Dibromofluoromethane	7.716	113	94469	49.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.300%			
50) Toluene-d8	10.179	98	357654	50.809	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.483	95	127819	48.921	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.840%			
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	8584	25.963	ug/l #	82
20) Methylene Chloride	4.710	84	28309	5.539	ug/l	86
40) Benzene	8.155	78	191532	30.306	ug/l	96
52) Toluene	10.240	92	798994	193.221	ug/l	95
67) Ethyl Benzene	11.593	91	2318550	269.996	ug/l	98
68) m/p-Xylenes	11.697	106	1083264	325.631	ug/l	94
69) o-Xylene	12.026	106	657956	202.863	ug/l	93
73) Isopropylbenzene	12.331	105	230583	27.092	ug/l	100
78) n-propylbenzene	12.672	91	85935	8.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	440907	61.311	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1530709	214.254	ug/l	97
86) p-Isopropyltoluene	13.367	119	82254	10.450	ug/l #	75
95) Naphthalene	15.227	128	21049261m	4677.079	ug/l	

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

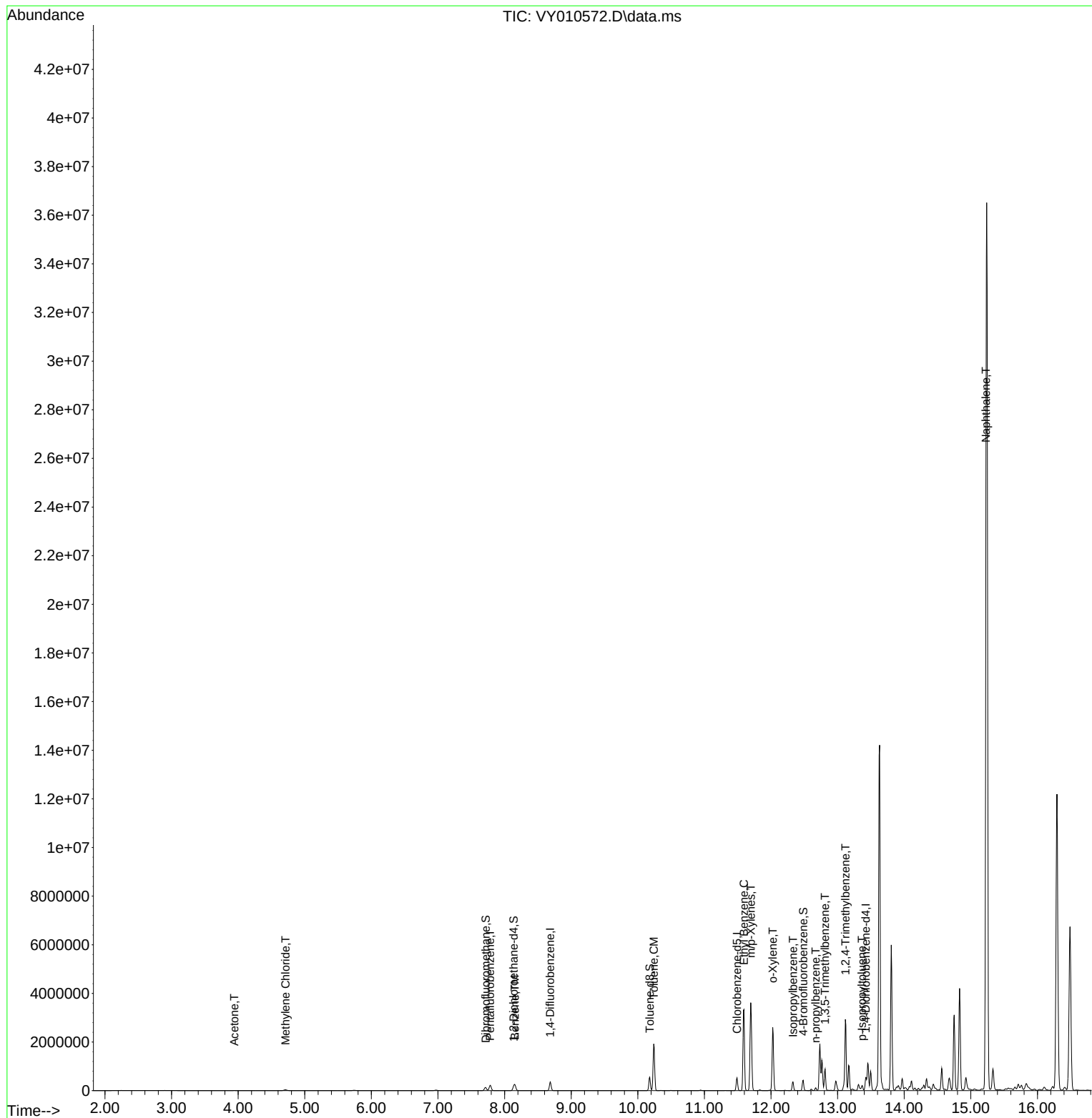
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
Data File : VY010572.D
Acq On : 20 Sep 2022 13:38
Operator : KP/MD
Sample : N4665-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

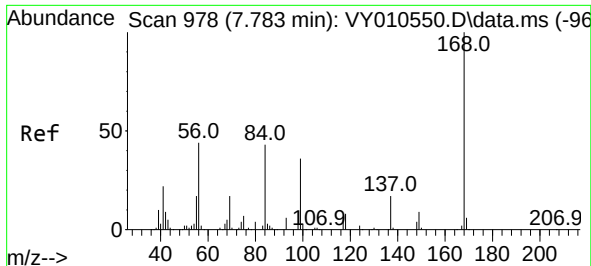
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Sep 20 18:09:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

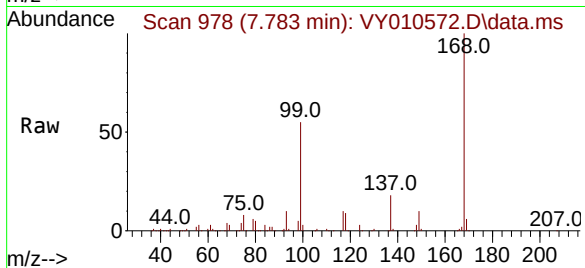
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

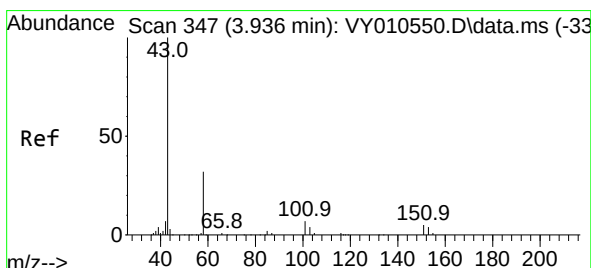
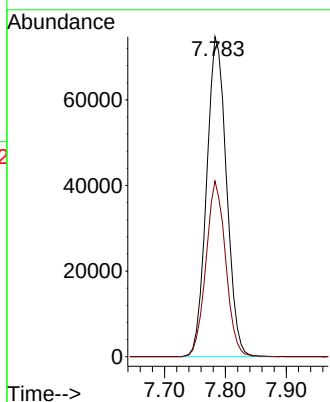
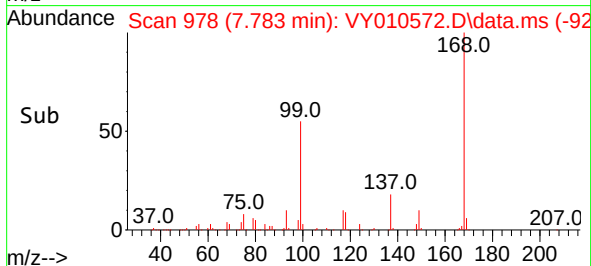
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:168 Resp: 169508
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3

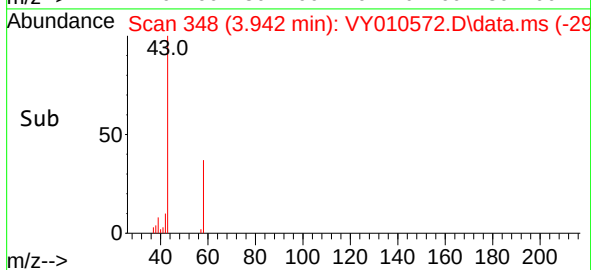
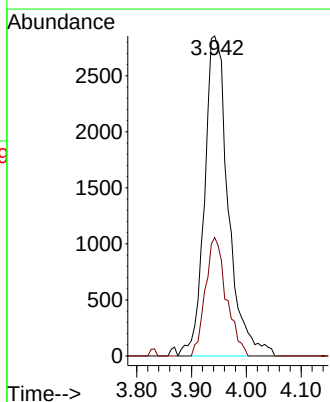
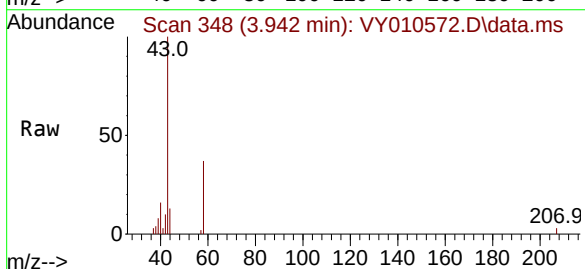
Manual Integrations
APPROVED

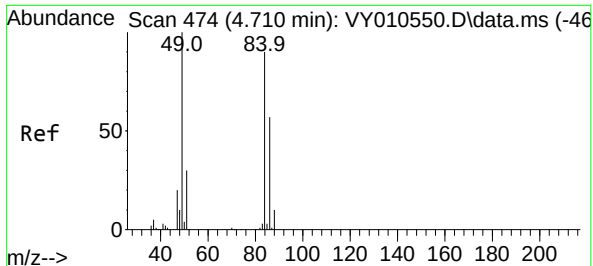
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
Acetone
Concen: 25.963 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

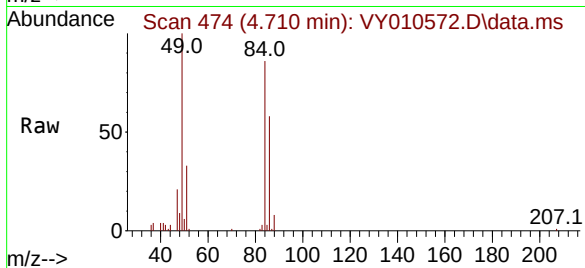
Tgt Ion: 43 Resp: 8584
Ion Ratio Lower Upper
43 100
58 37.0 22.0 33.0#





#20
Methylene Chloride
Concen: 5.539 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

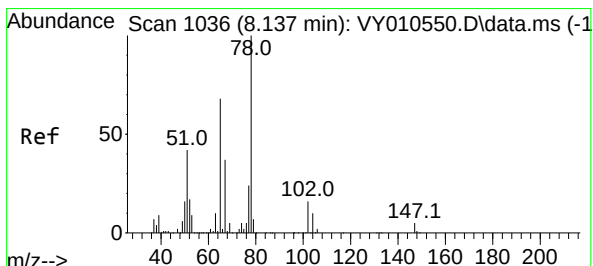
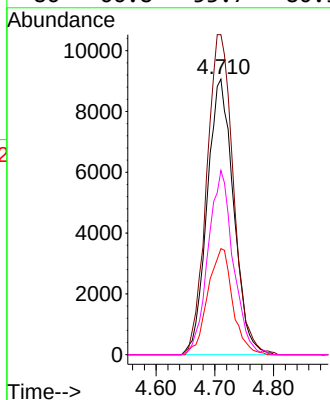
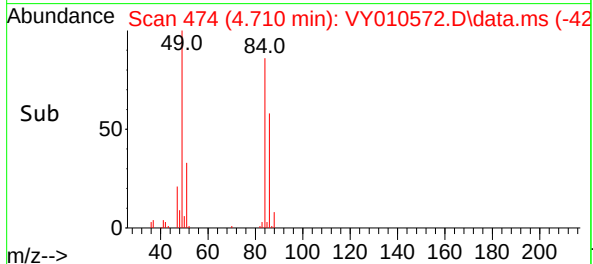
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion: 84 Resp: 28309
Ion Ratio Lower Upper
84 100
49 116.2 114.4 171.6
51 38.5 35.3 52.9
86 66.8 53.7 80.5

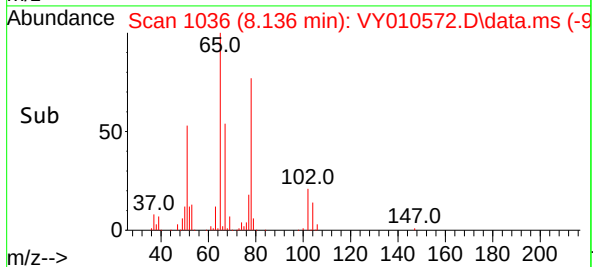
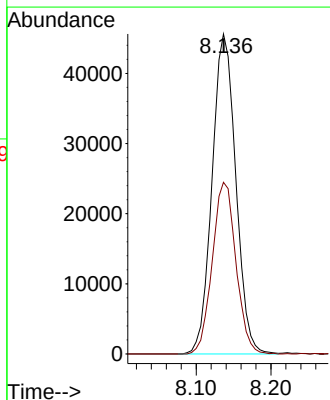
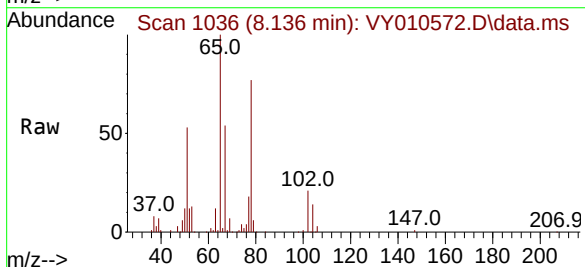
Manual Integrations
APPROVED

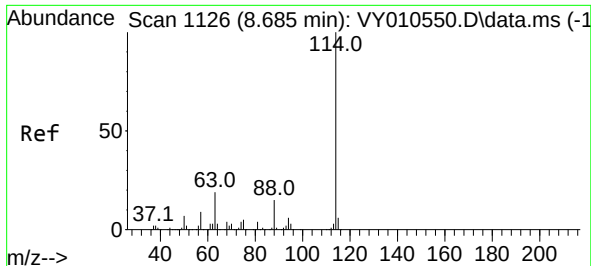
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#33
1,2-Dichloroethane-d4
Concen: 62.017 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

Tgt Ion: 65 Resp: 100548
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010572.D

Acq: 20 Sep 2022 13:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

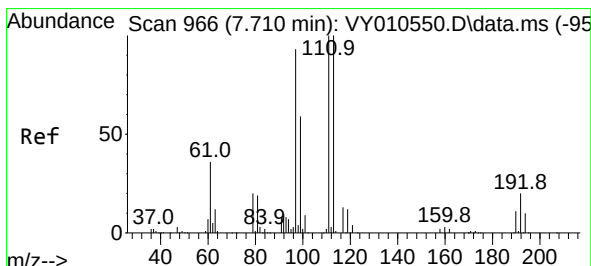
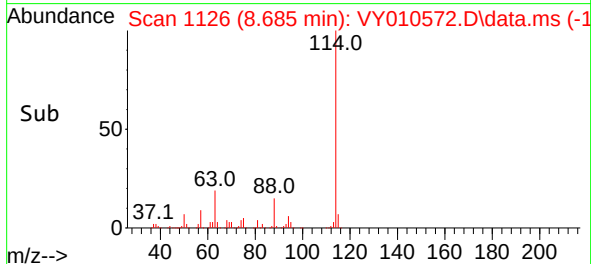
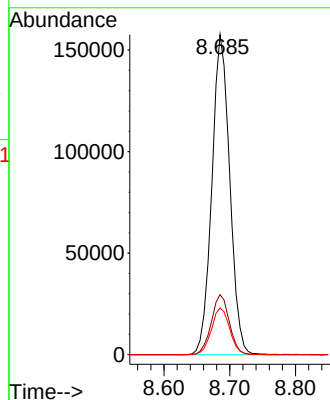
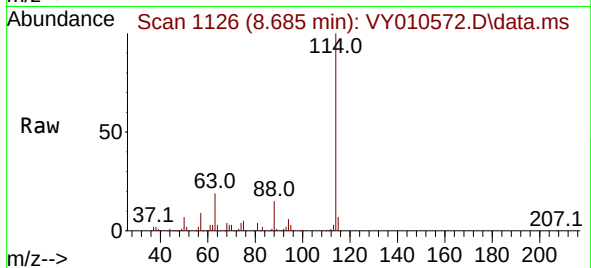
Tgt Ion:114	Resp: 29812
Ion Ratio	Lower Upper
114 100	
63 18.7	0.0 43.2
88 14.6	0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#35

Dibromofluoromethane

Concen: 49.652 ug/l

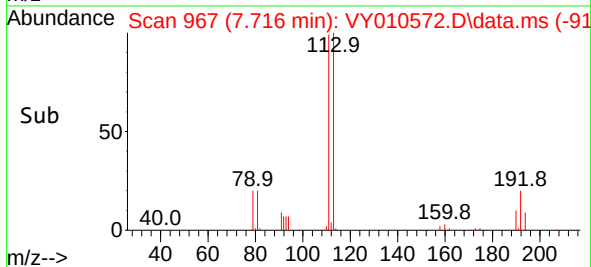
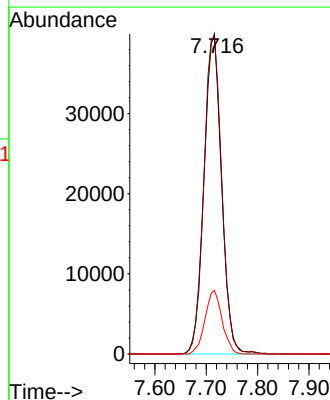
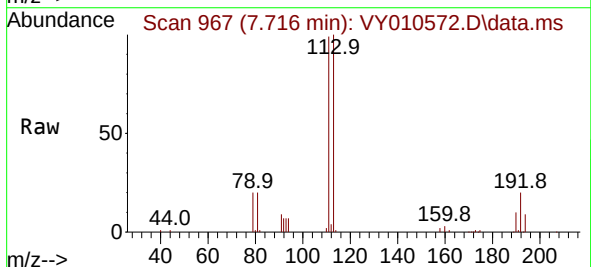
RT: 7.716 min Scan# 967

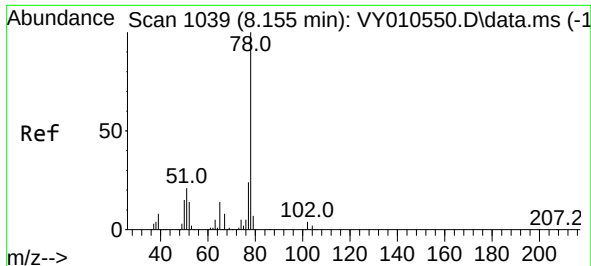
Delta R.T. 0.006 min

Lab File: VY010572.D

Acq: 20 Sep 2022 13:38

Tgt Ion:113	Resp: 94469
Ion Ratio	Lower Upper
113 100	
111 101.5	82.6 124.0
192 19.4	17.6 26.4





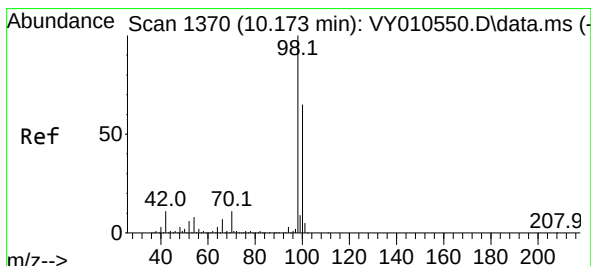
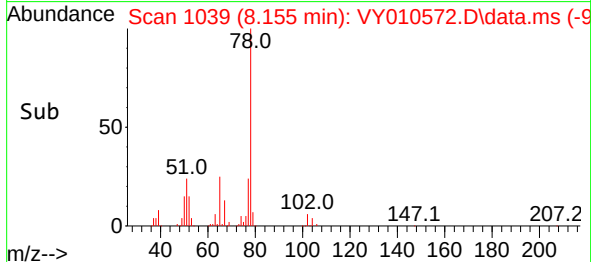
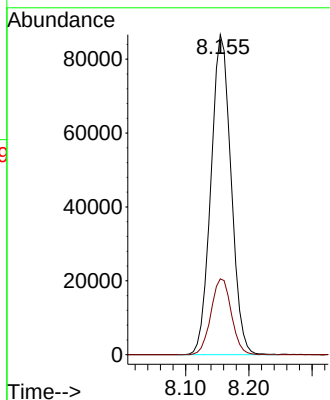
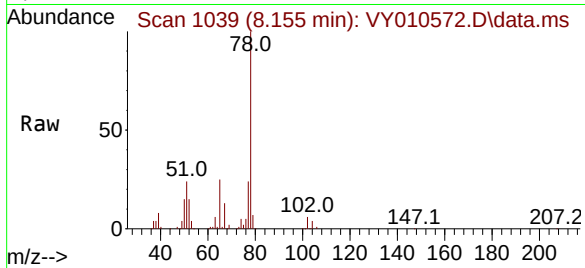
#40
Benzene
Concen: 30.306 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 78 Resp: 19153
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6

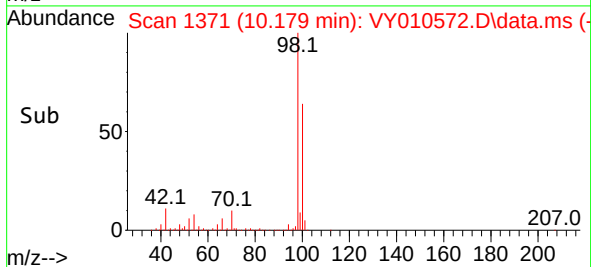
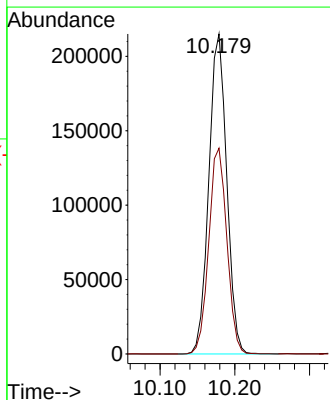
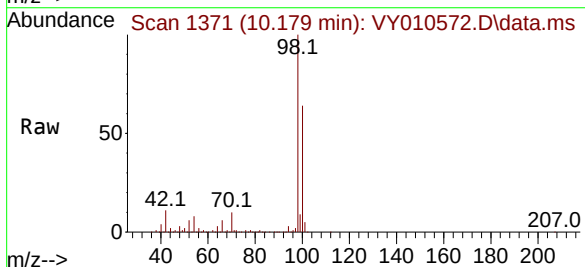
Manual Integrations
APPROVED

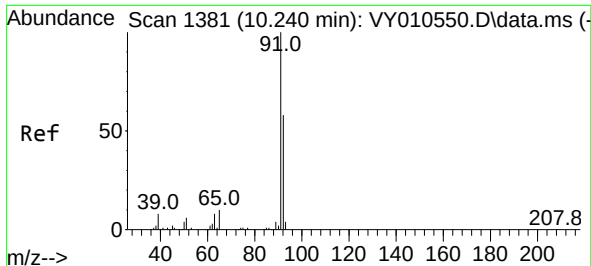
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

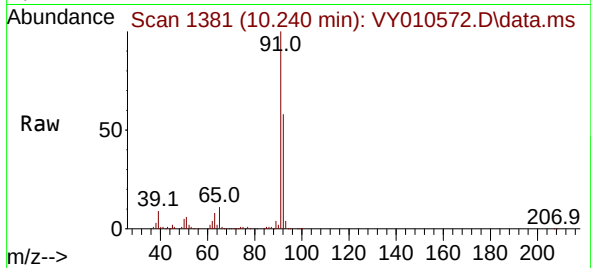
Tgt Ion: 98 Resp: 357654
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#52
Toluene
Concen: 193.221 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

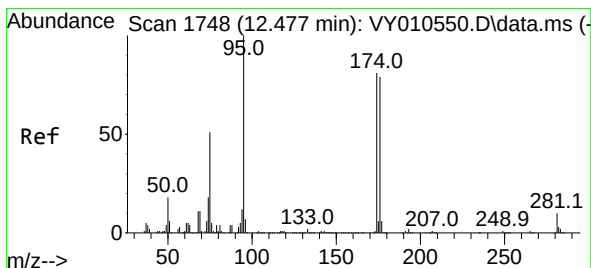
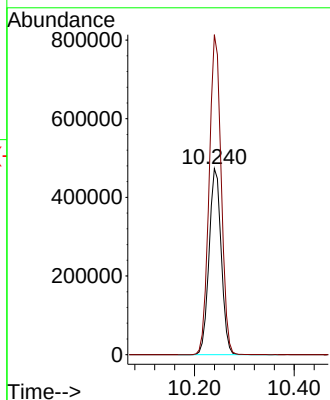
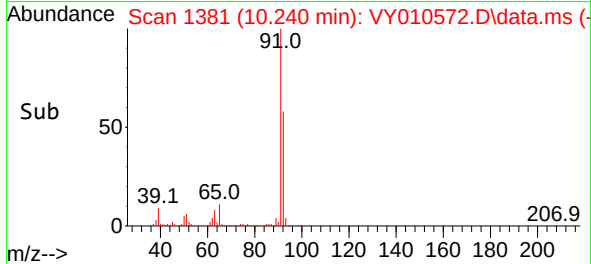
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion: 92 Resp: 798994
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8

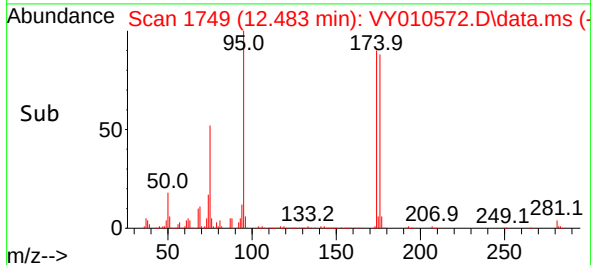
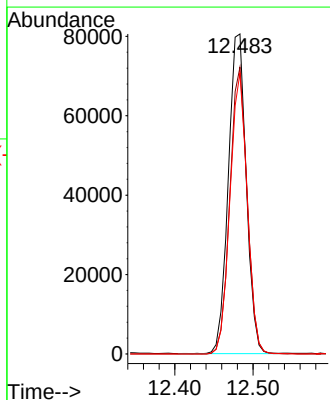
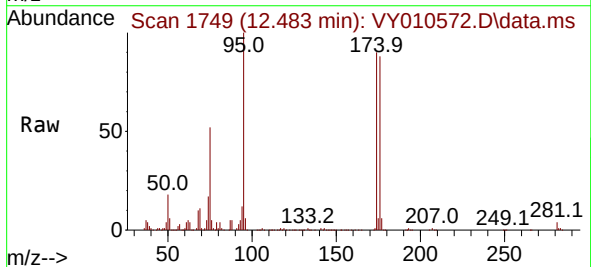
Manual Integrations
APPROVED

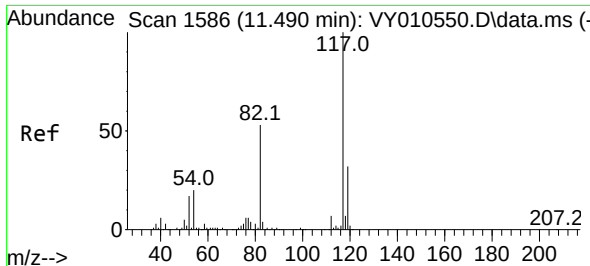
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

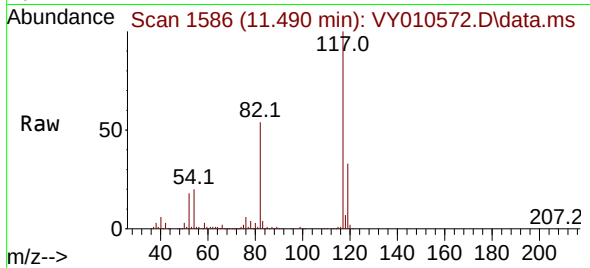
Tgt Ion: 95 Resp: 127819
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

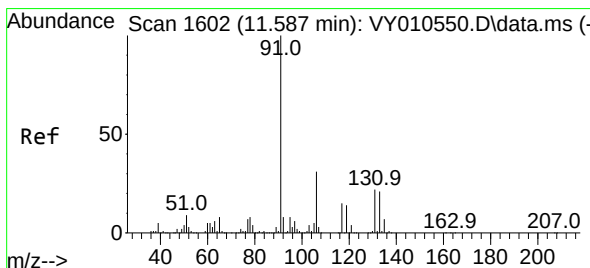
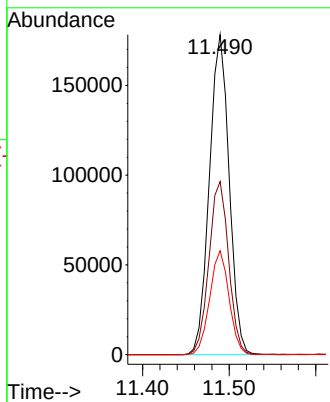
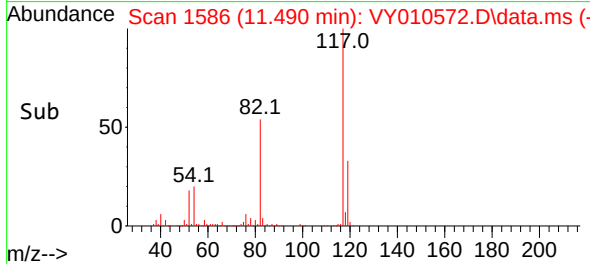
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:117 Resp: 28280
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.5 25.4 38.0

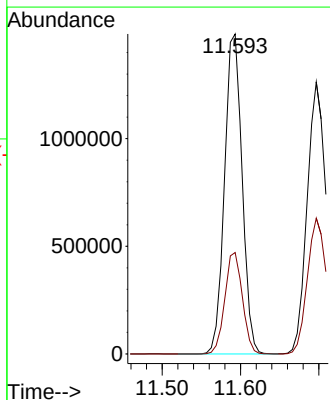
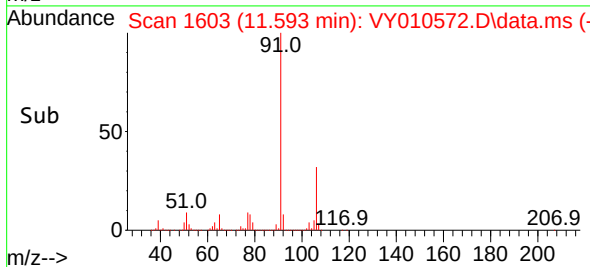
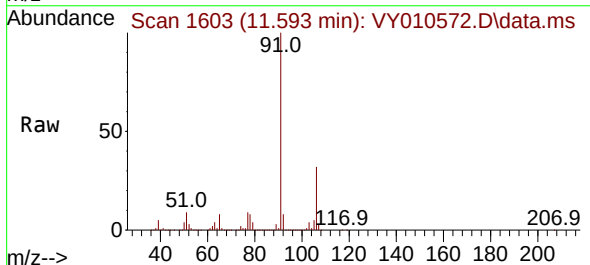
Manual Integrations
APPROVED

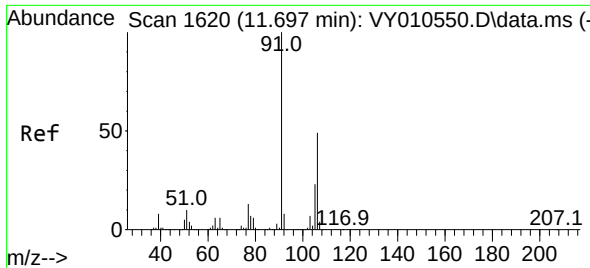
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#67
Ethyl Benzene
Concen: 269.996 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

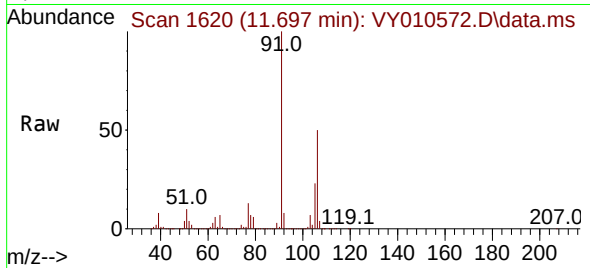
Tgt Ion: 91 Resp: 2318550
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7





#68
m/p-Xylenes
Concen: 325.631 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

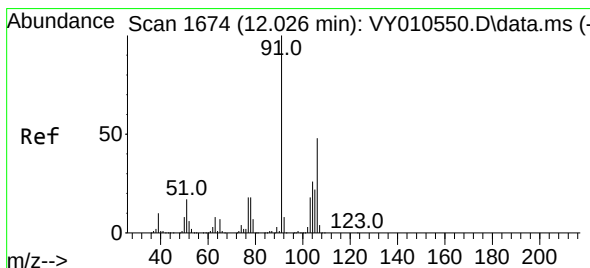
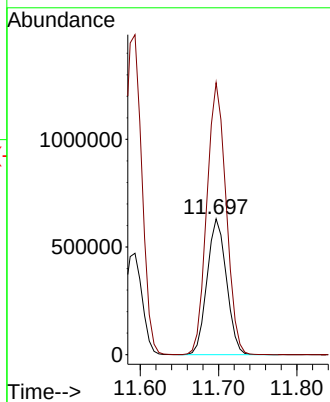
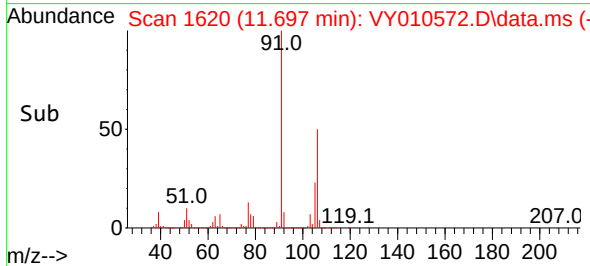
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:106 Resp: 1083264
Ion Ratio Lower Upper
106 100
91 199.1 166.6 249.8

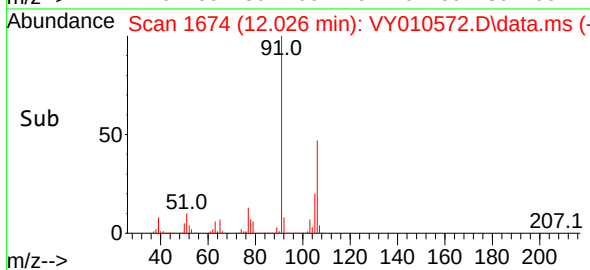
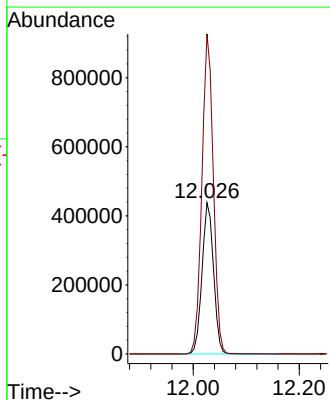
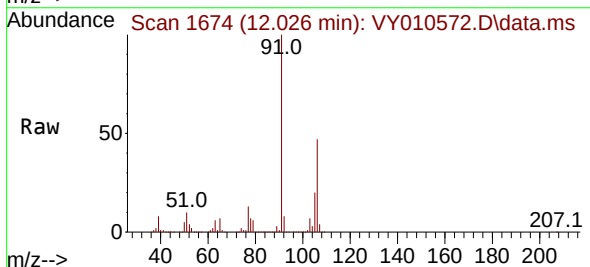
Manual Integrations
APPROVED

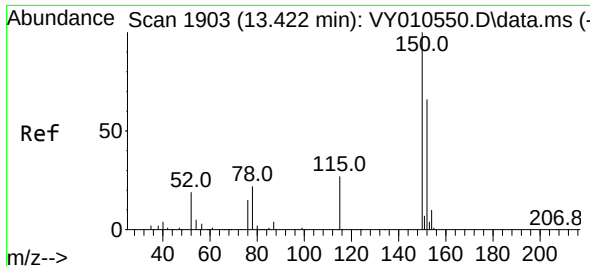
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#69
o-Xylene
Concen: 202.863 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

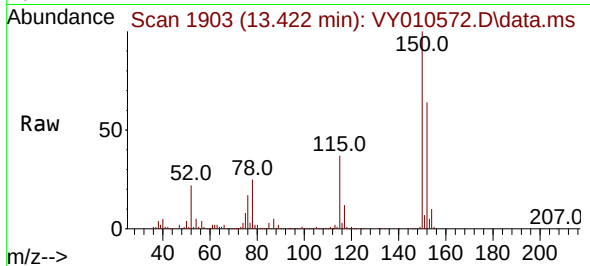
Tgt Ion:106 Resp: 657956
Ion Ratio Lower Upper
106 100
91 210.0 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

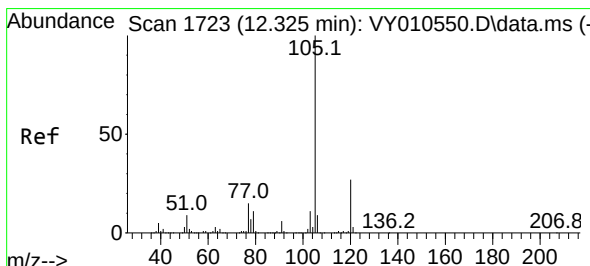
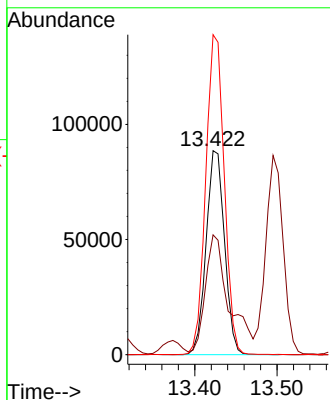
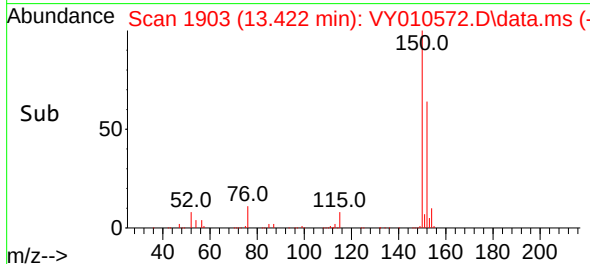
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



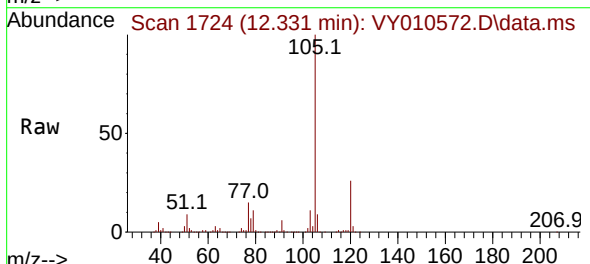
Tgt Ion:152 Resp: 137715
Ion Ratio Lower Upper
152 100
115 72.6 28.2 84.7
150 157.8 0.0 347.6

Manual Integrations
APPROVED

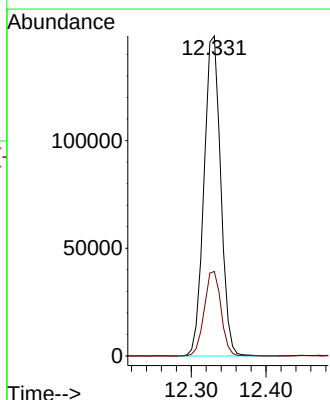
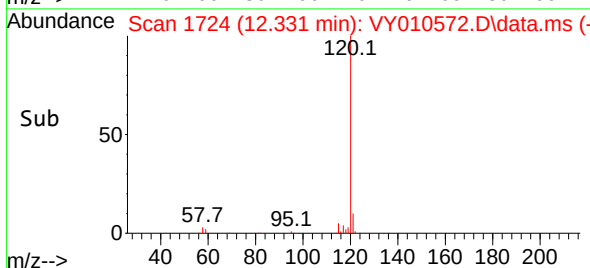
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

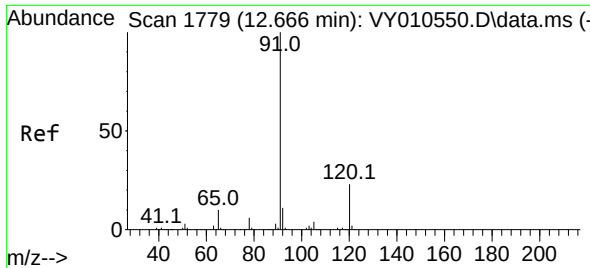


#73
Isopropylbenzene
Concen: 27.092 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38



Tgt Ion:105 Resp: 230583
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2





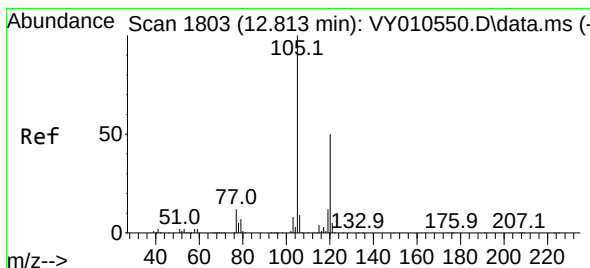
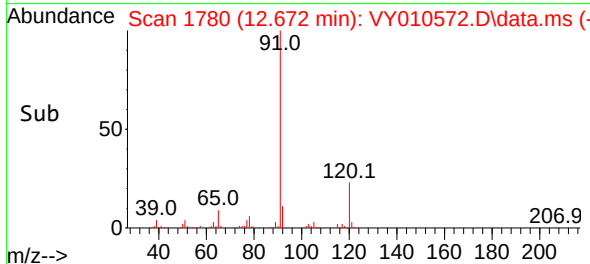
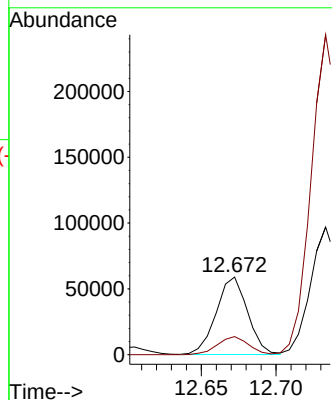
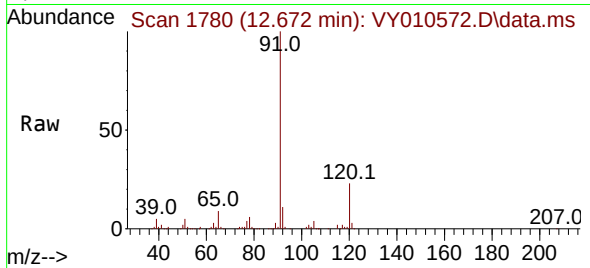
#78
n-propylbenzene
Concen: 8.477 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 91 Resp: 85938
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9

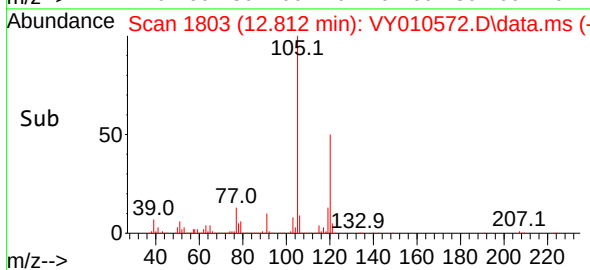
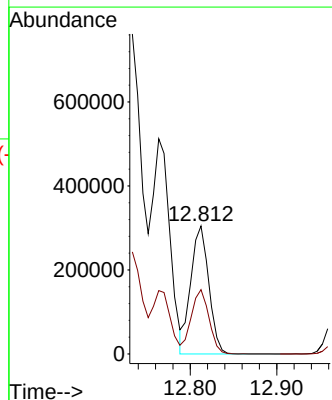
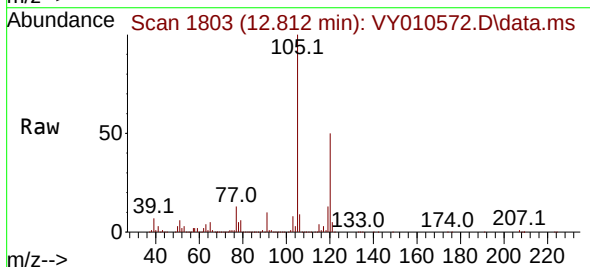
Manual Integrations
APPROVED

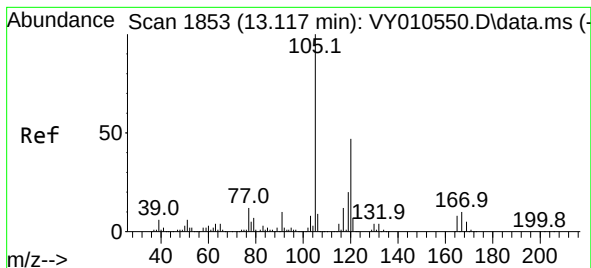
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 61.311 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

Tgt Ion:105 Resp: 440907
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 214.254 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010572.D

Acq: 20 Sep 2022 13:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

Tgt Ion:105 Resp: 1530709

Ion Ratio Lower Upper

105 100

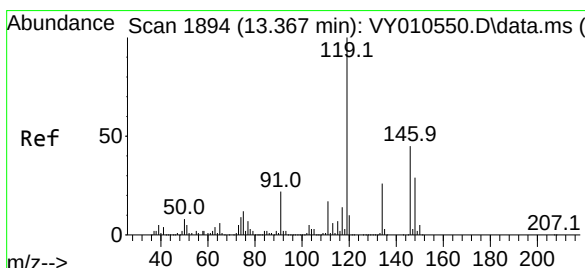
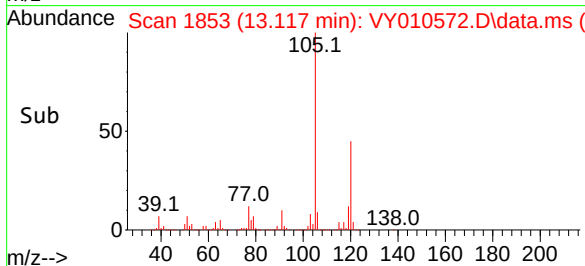
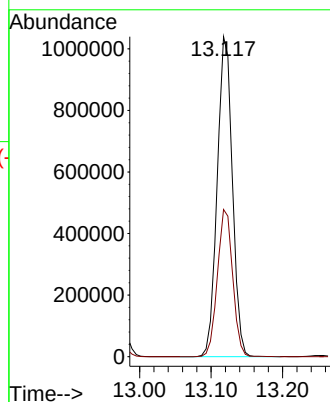
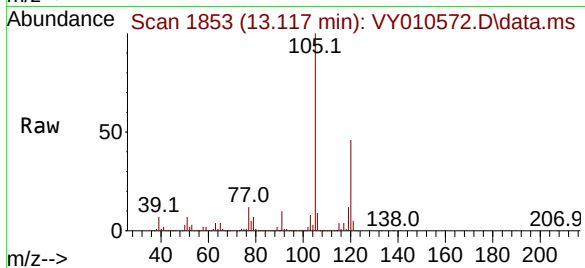
120 46.3 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#86

p-Isopropyltoluene

Concen: 10.450 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010572.D

Acq: 20 Sep 2022 13:38

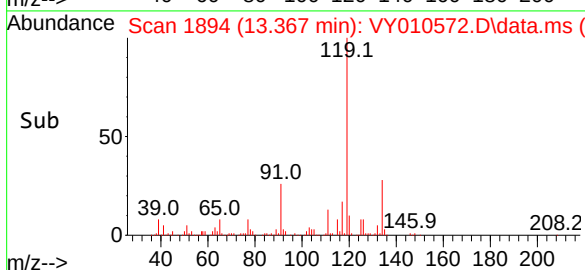
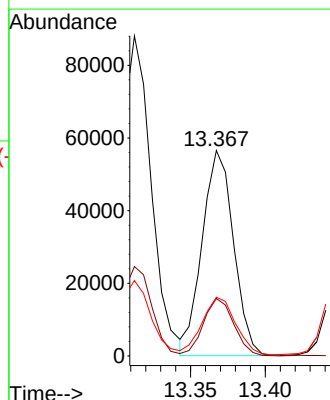
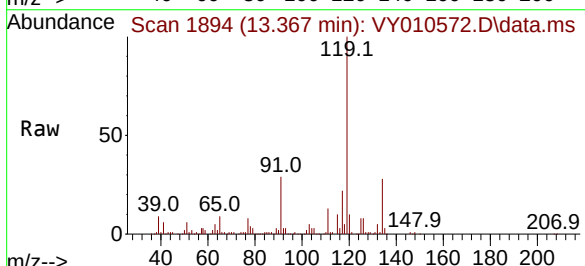
Tgt Ion:119 Resp: 82254

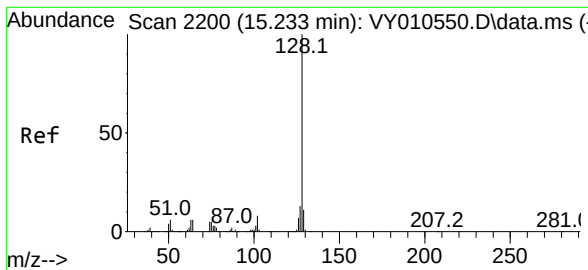
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

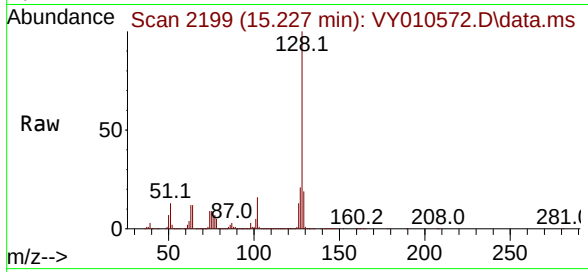
91 0.0 12.4 37.2#





#95
Naphthalene
Concen: 4677.079 ug/l m
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY010572.D
Acq: 20 Sep 2022 13:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:128 Resp:2104926
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4
129 0.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

