

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010573.D
 Acq On : 20 Sep 2022 14:01
 Operator : KP/MD
 Sample : N4665-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 18:10:02 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	196851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162170	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112696	59.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.700%			
35) Dibromofluoromethane	7.716	113	103786	48.180	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.360%			
50) Toluene-d8	10.179	98	409347	51.329	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.477	95	146897	49.701	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.400%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	8384	21.836	ug/l	99
20) Methylene Chloride	4.710	84	39778	9.964	ug/l #	82
39) Methylcyclohexane	9.179	83	7147	2.544	ug/l	88
40) Benzene	8.155	78	477202	66.692	ug/l	97
52) Toluene	10.240	92	1596963	341.103	ug/l	95
67) Ethyl Benzene	11.593	91	3636850	374.484	ug/l	97
68) m/p-Xylenes	11.697	106	1818347	483.320	ug/l	94
69) o-Xylene	12.026	106	1091978	297.705	ug/l	95
73) Isopropylbenzene	12.325	105	358026	35.722	ug/l	100
78) n-propylbenzene	12.666	91	112840	9.452	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	715388	84.477	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	2311284	274.727	ug/l	98
86) p-Isopropyltoluene	13.367	119	143190m	15.448	ug/l	
95) Naphthalene	15.227	128	21347382	4028.034	ug/l #	72

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

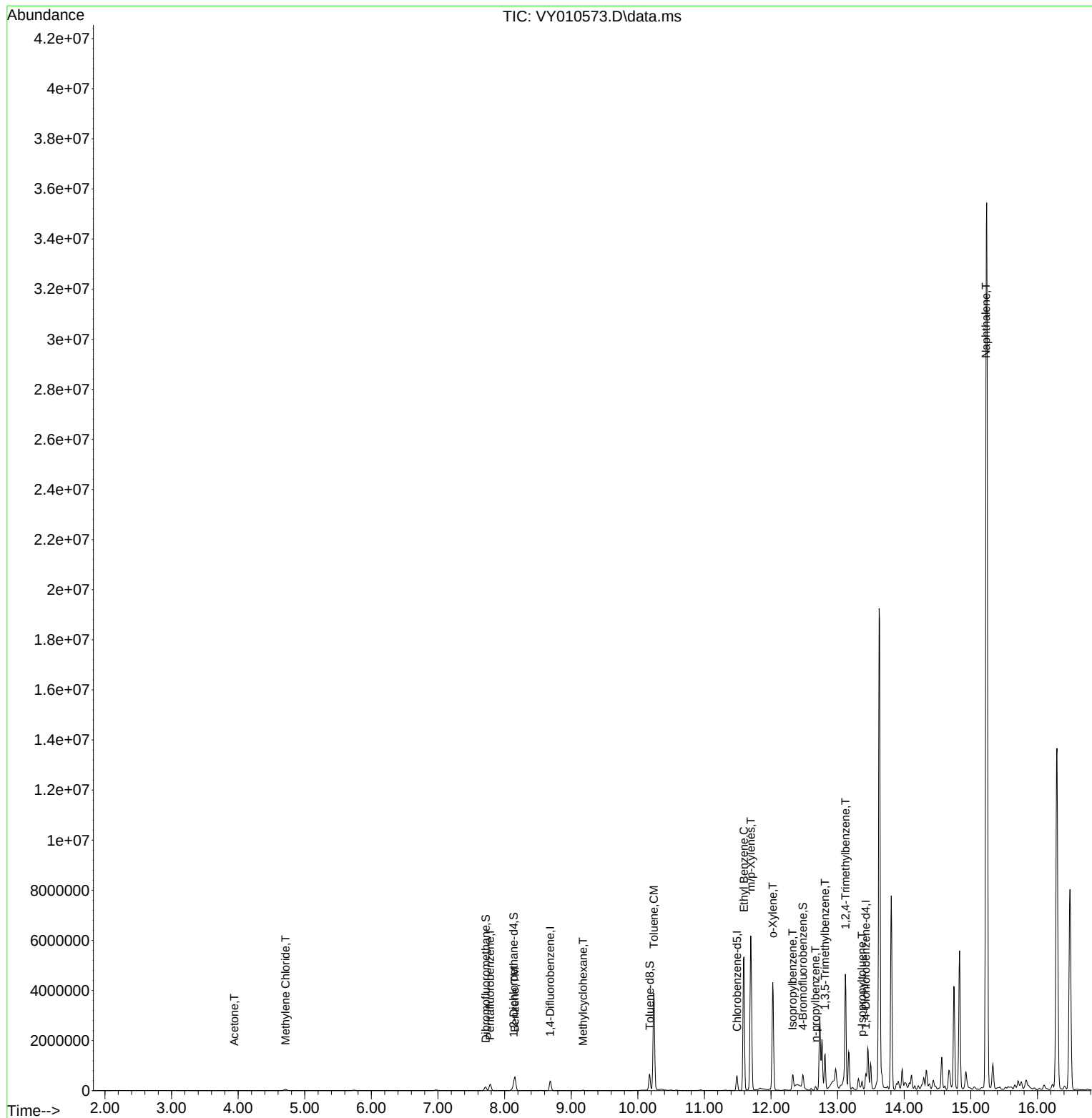
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
Data File : VY010573.D
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Operator : KP/MD
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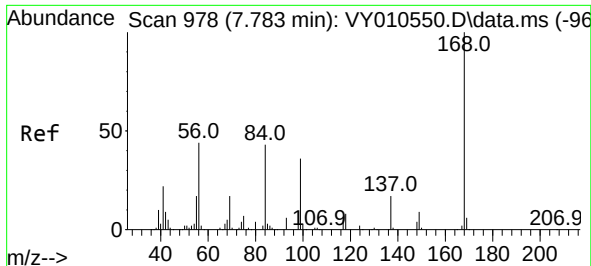
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Sep 20 18:10:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
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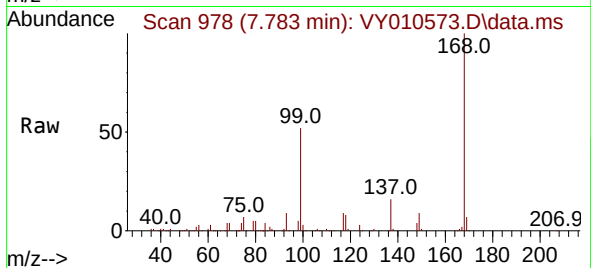
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

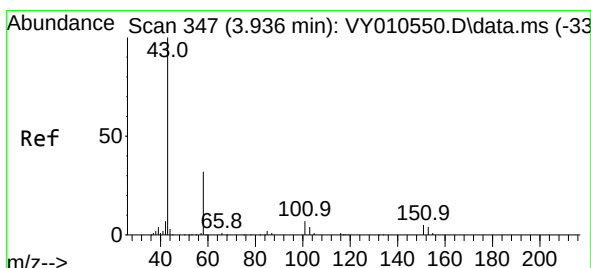
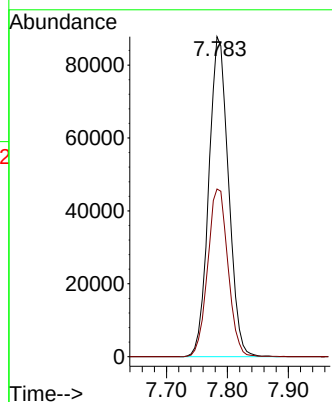
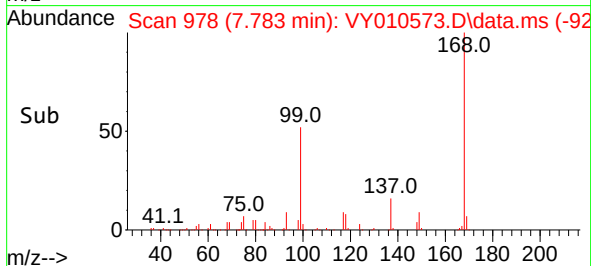
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion:168 Resp: 19685
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3

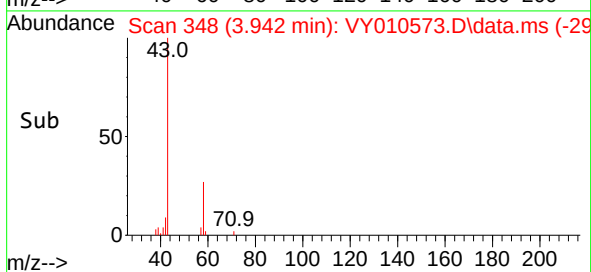
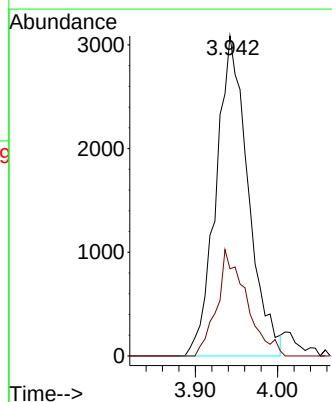
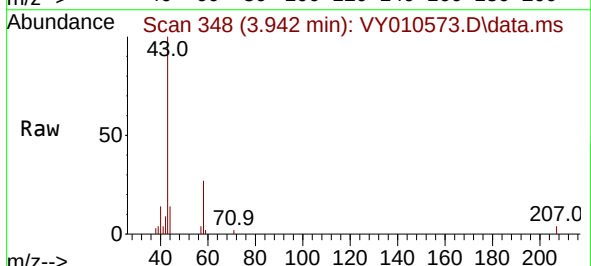
Manual Integrations
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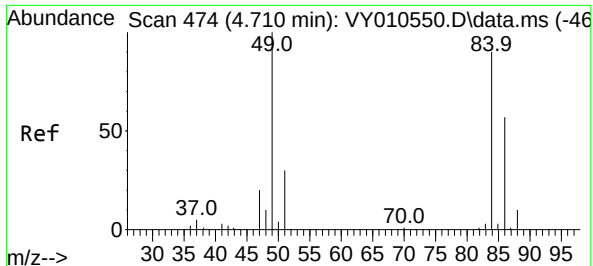
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
Acetone
Concen: 21.836 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

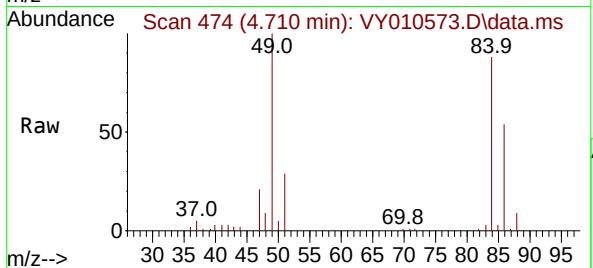
Tgt Ion: 43 Resp: 8384
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0





#20
Methylene Chloride
Concen: 9.964 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

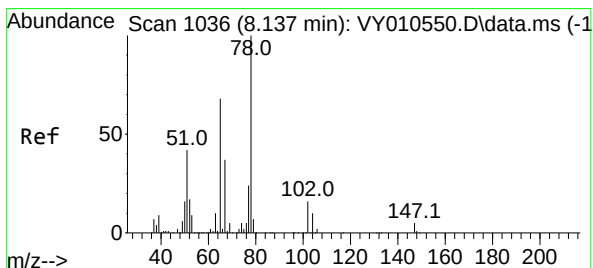
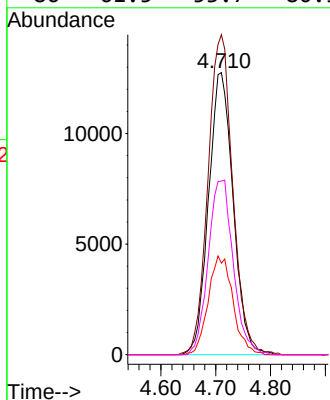
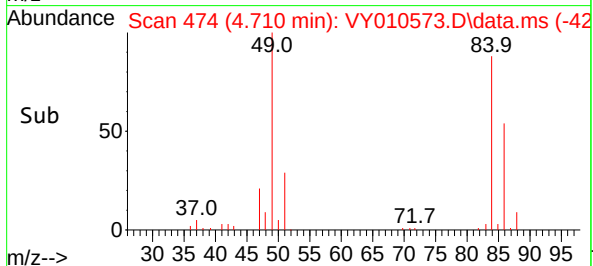
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion: 84 Resp: 39778
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6
51 32.5 35.3 52.9
86 61.5 53.7 80.5

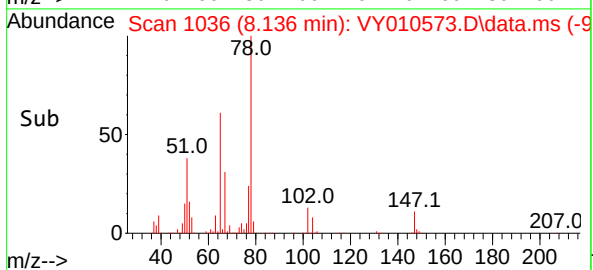
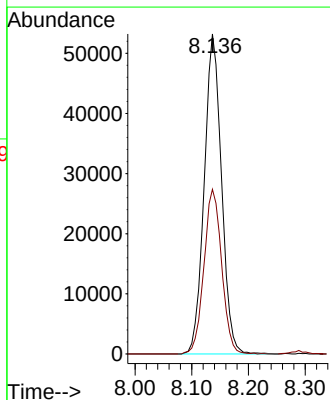
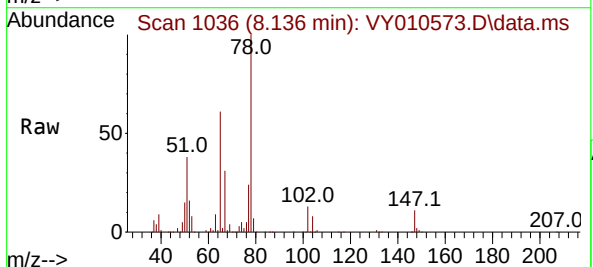
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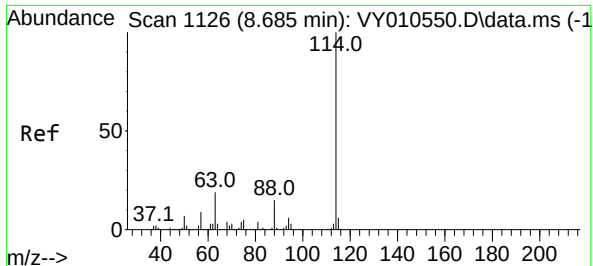
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#33
1,2-Dichloroethane-d4
Concen: 59.854 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

Tgt Ion: 65 Resp: 112696
Ion Ratio Lower Upper
65 100
67 52.7 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: VY010573.D

Acq: 20 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

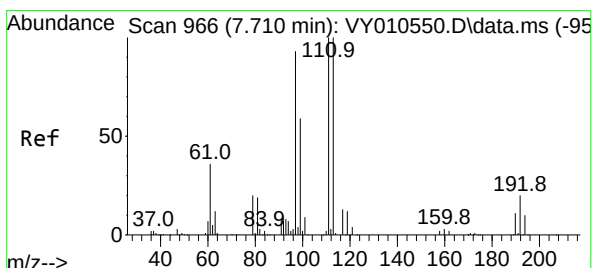
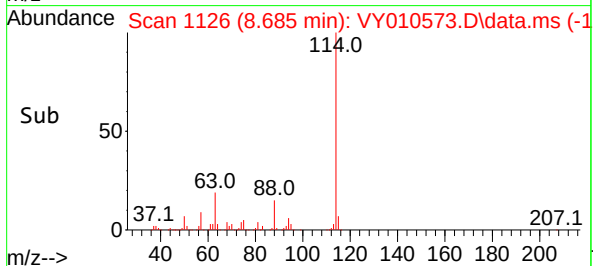
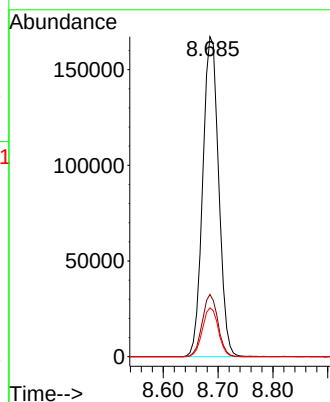
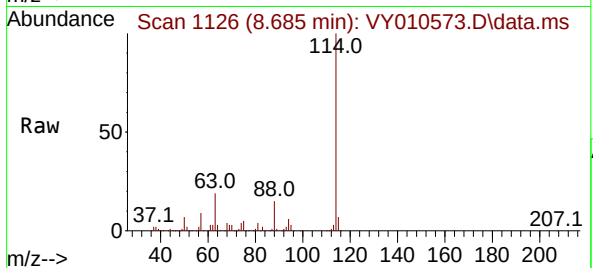
Tgt Ion:	114	Resp:	33753
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.2
88	15.3	0.0	31.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.180 ug/l

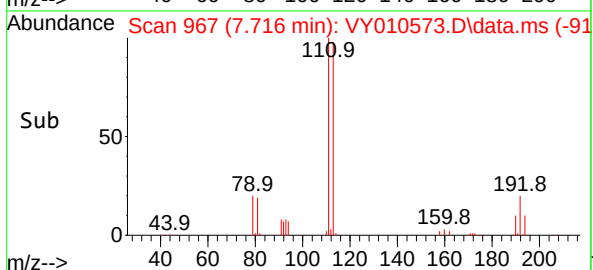
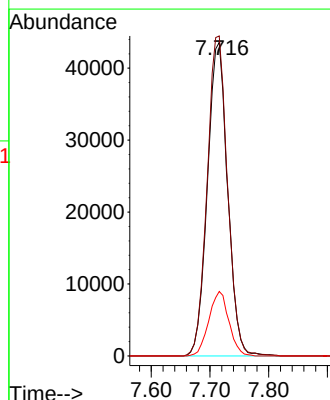
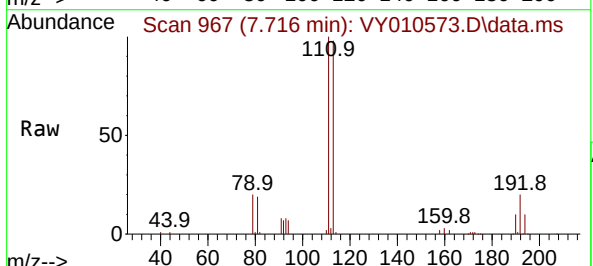
RT: 7.716 min Scan# 967

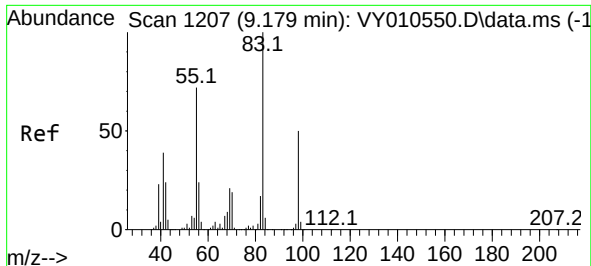
Delta R.T. 0.006 min

Lab File: VY010573.D

Acq: 20 Sep 2022 14:01

Tgt Ion:	113	Resp:	103786
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.6	124.0
192	20.5	17.6	26.4





#39

Methylcyclohexane

Concen: 2.544 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010573.D

Acq: 20 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

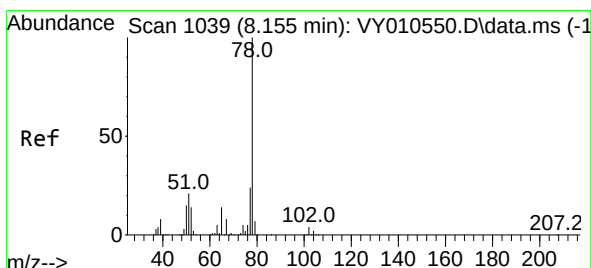
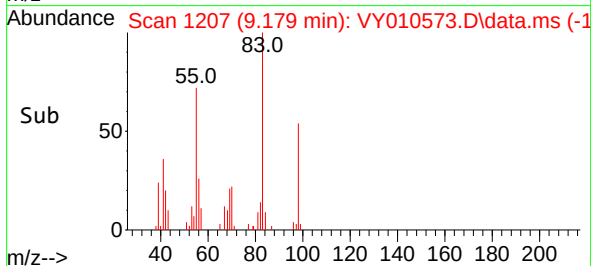
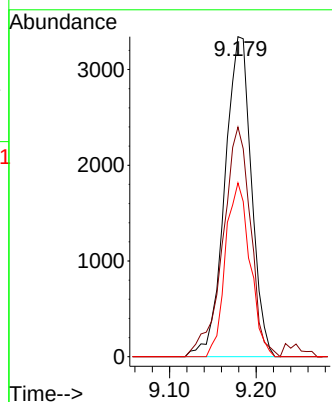
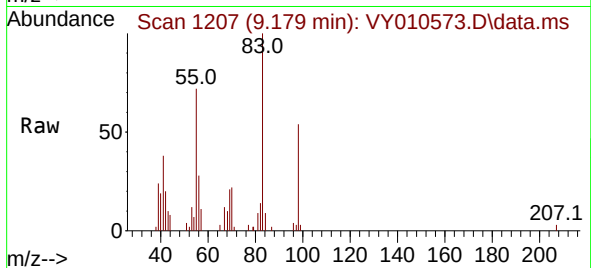
Tgt Ion: 83	Resp: 714
Ion Ratio	Lower Upper
83 100	
55 71.8	66.5 99.7
98 54.3	37.9 56.9

Manual Integrations

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Supervised By :Mahesh Dadoda 09/21/2022



#40

Benzene

Concen: 66.692 ug/l

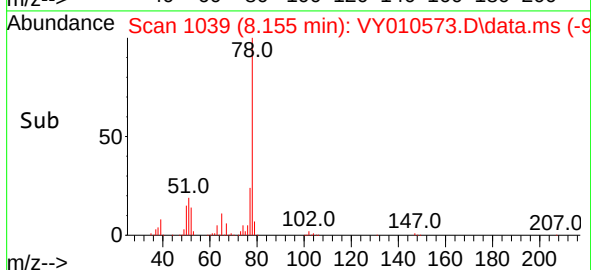
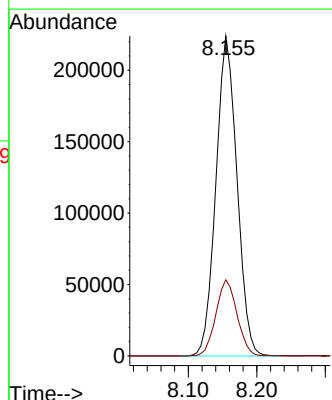
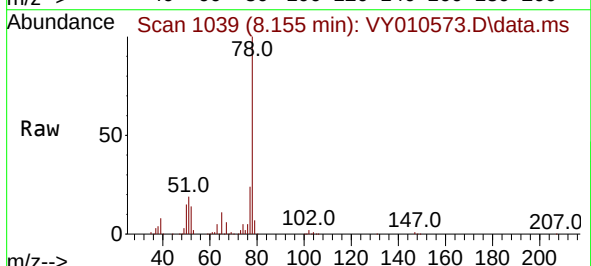
RT: 8.155 min Scan# 1039

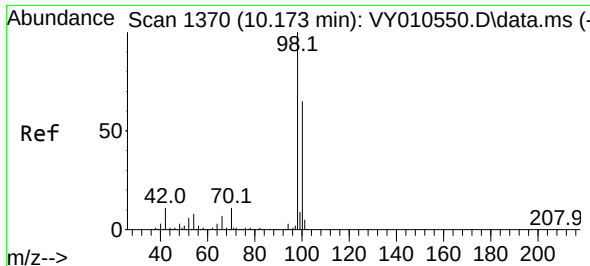
Delta R.T. -0.000 min

Lab File: VY010573.D

Acq: 20 Sep 2022 14:01

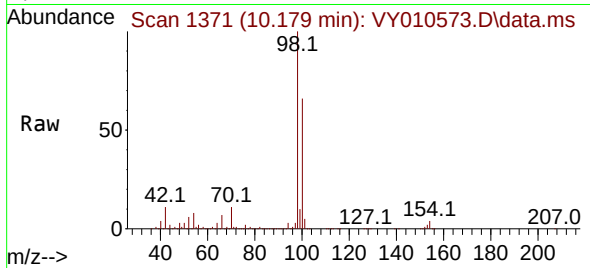
Tgt Ion: 78	Resp: 477202
Ion Ratio	Lower Upper
78 100	
77 23.8	20.4 30.6





#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

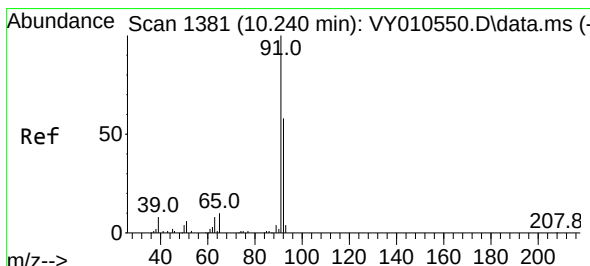
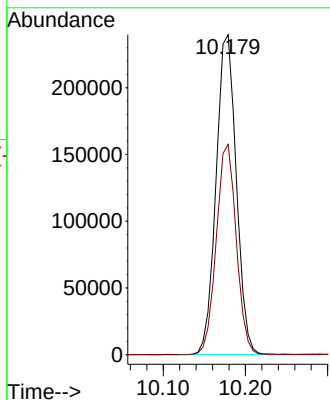
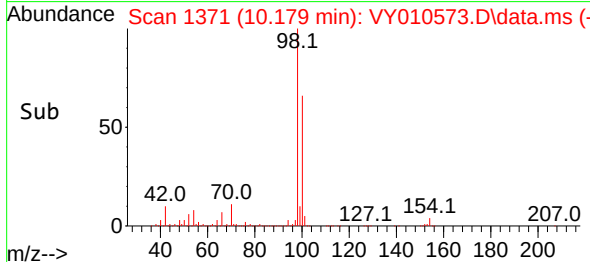
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



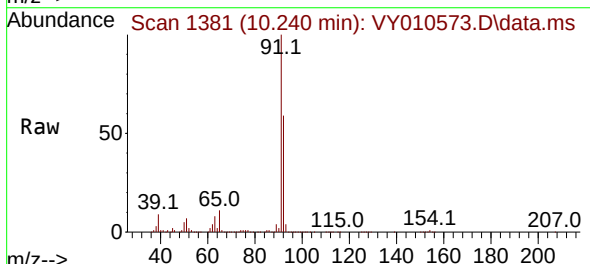
Tgt Ion: 98 Resp: 40934
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

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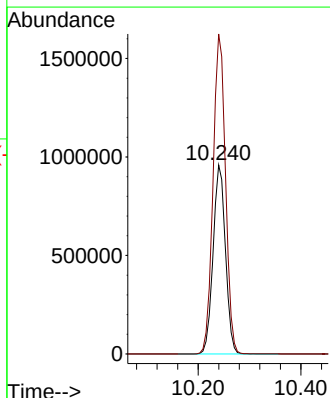
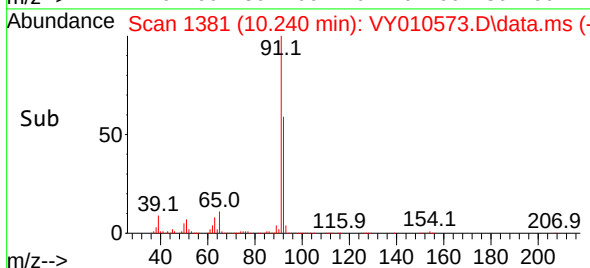
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

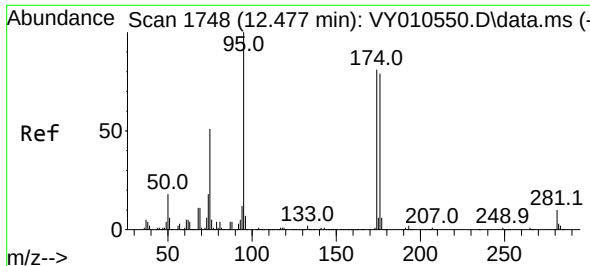


#52
Toluene
Concen: 341.103 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01



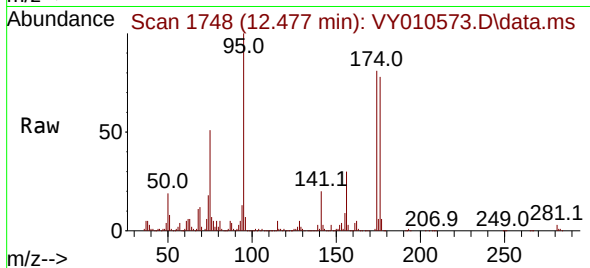
Tgt Ion: 92 Resp: 1596963
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 49.701 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

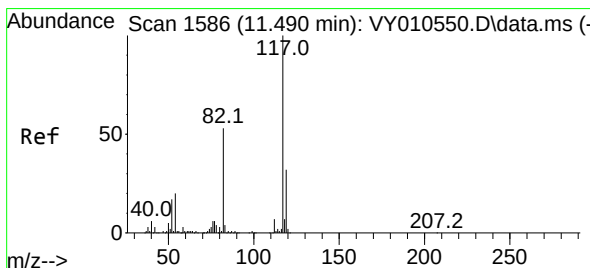
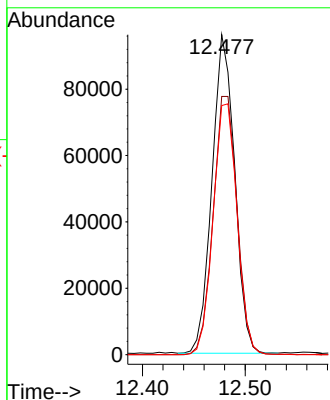
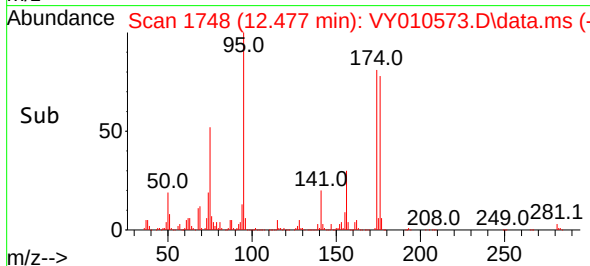
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



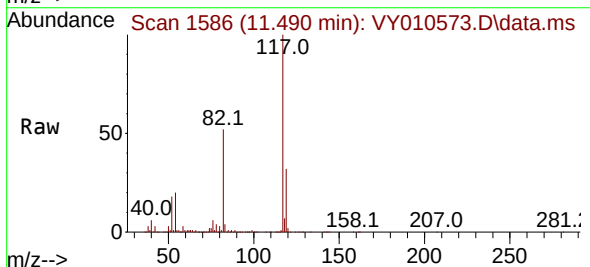
Tgt Ion: 95 Resp: 146897
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.2 0.0 175.8

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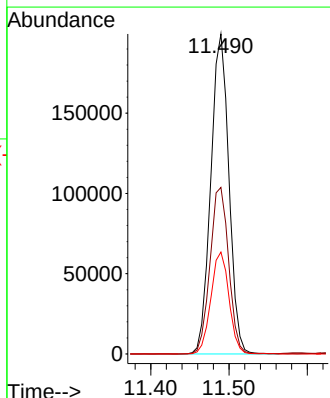
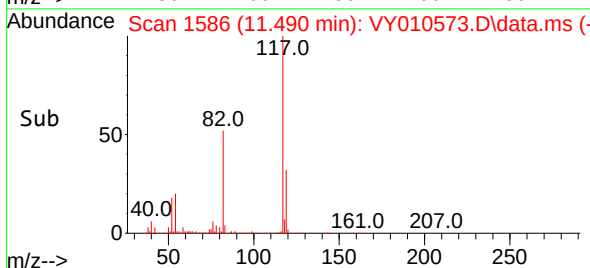
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

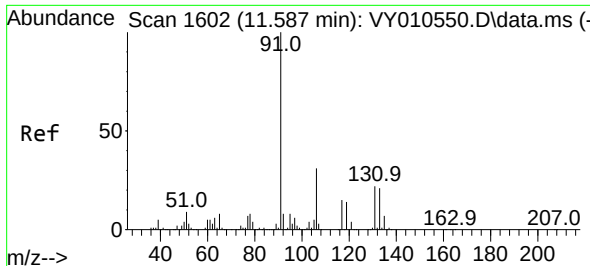


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01



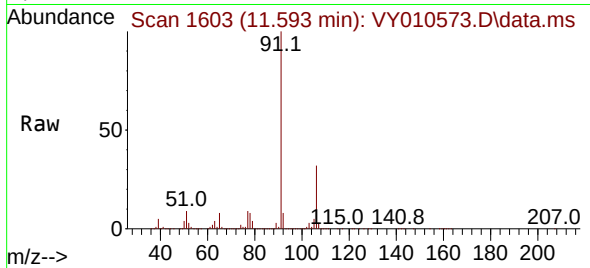
Tgt Ion:117 Resp: 319831
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.9 25.4 38.0





#67
Ethyl Benzene
Concen: 374.484 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

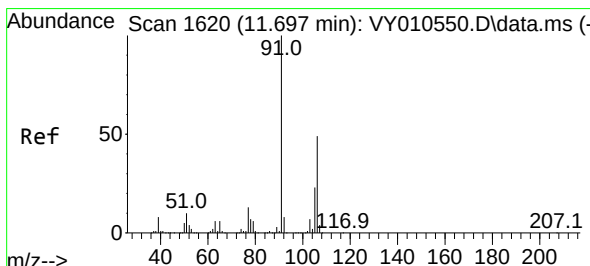
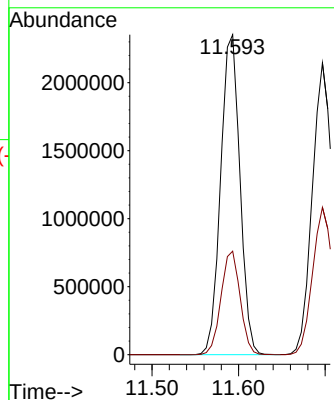
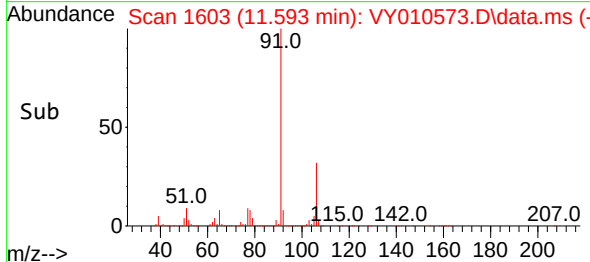
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion: 91 Resp: 3636850
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

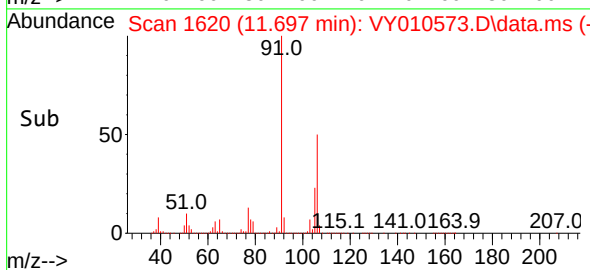
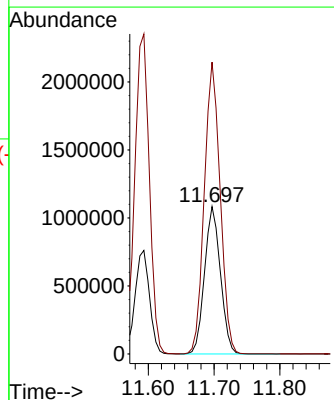
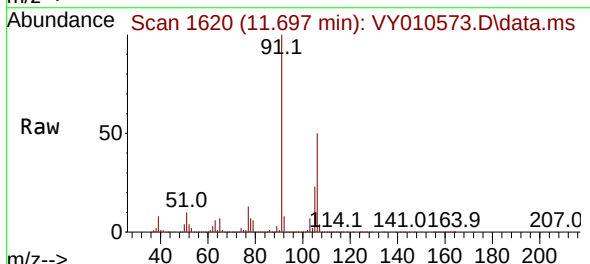
Manual Integrations
APPROVED

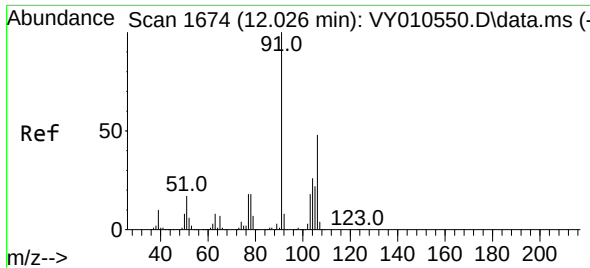
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#68
m/p-Xylenes
Concen: 483.320 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

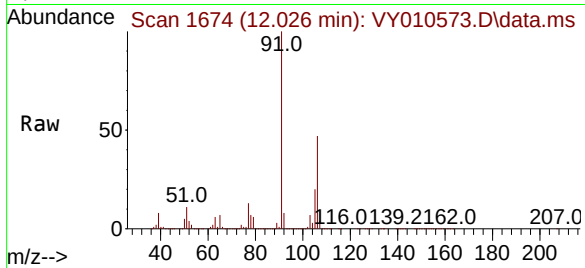
Tgt Ion:106 Resp: 1818347
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8





#69
o-Xylene
Concen: 297.705 ug/l
RT: 12.026 min Scan# 1091978
Delta R.T. 0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

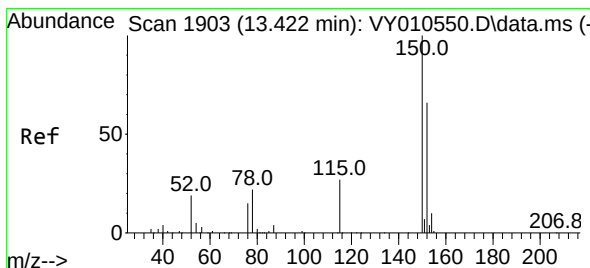
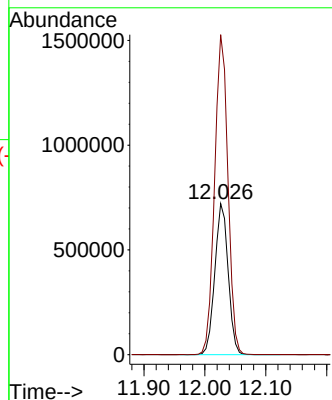
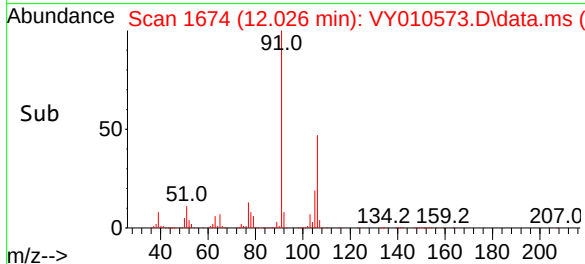
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



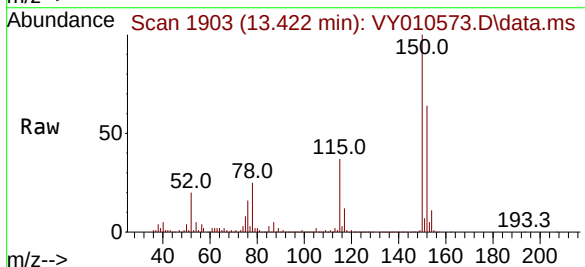
Tgt Ion:106 Resp: 1091978
Ion Ratio Lower Upper
106 100
91 212.1 110.3 331.0

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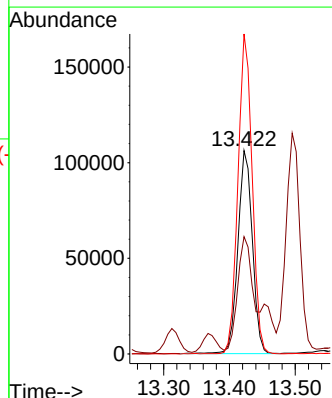
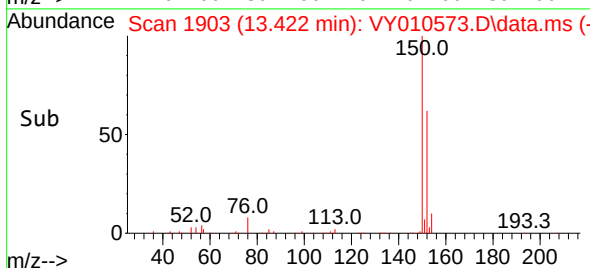
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

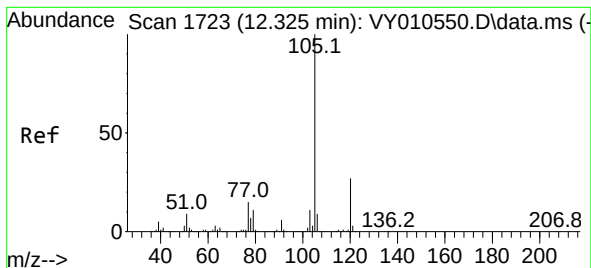


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01



Tgt Ion:152 Resp: 162170
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 154.4 0.0 347.6





#73

Isopropylbenzene

Concen: 35.722 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY010573.D

Acq: 20 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

Tgt Ion:105 Resp: 358020

Ion Ratio Lower Upper

105 100

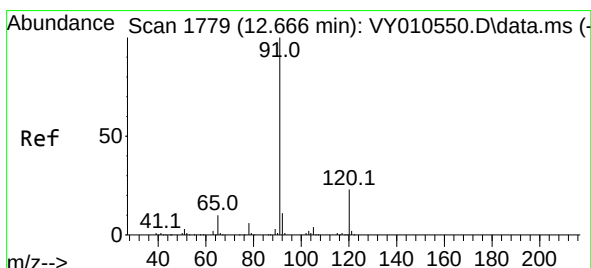
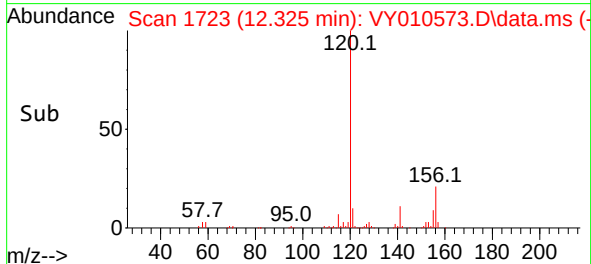
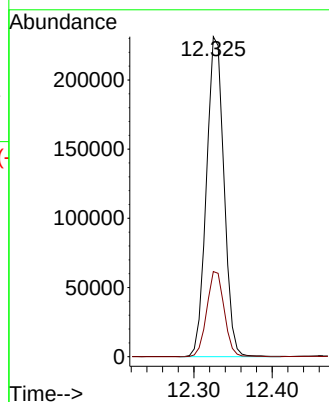
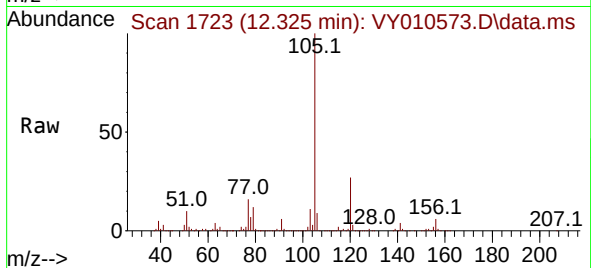
120 26.6 13.4 40.2

Manual Integrations

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Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

n-propylbenzene

Concen: 9.452 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010573.D

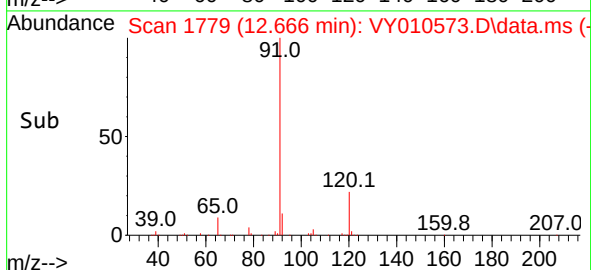
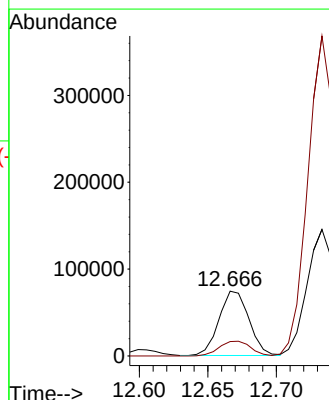
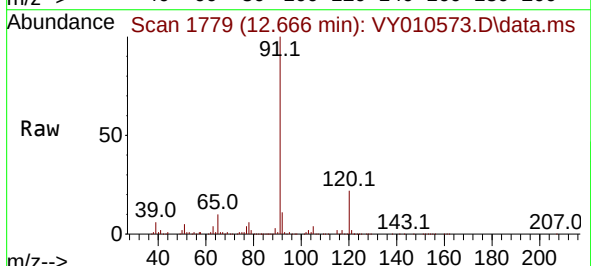
Acq: 20 Sep 2022 14:01

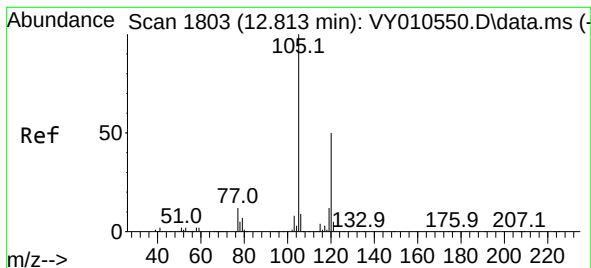
Tgt Ion: 91 Resp: 112840

Ion Ratio Lower Upper

91 100

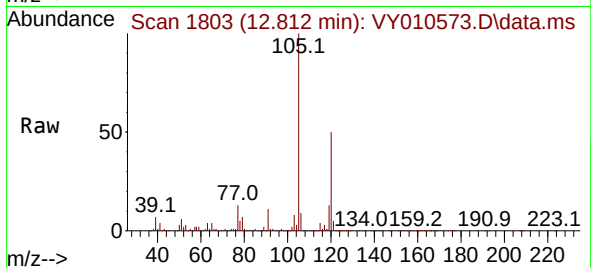
120 24.2 11.3 33.9





#80
 1,3,5-Trimethylbenzene
 Concen: 84.477 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.001 min
 Lab File: VY010573.D
 Acq: 20 Sep 2022 14:01

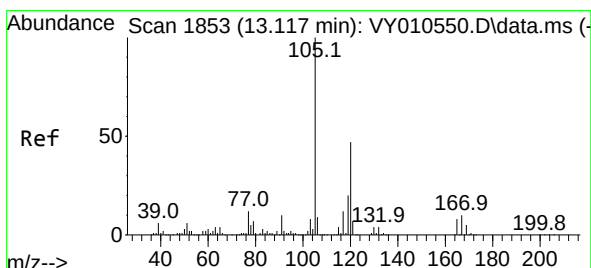
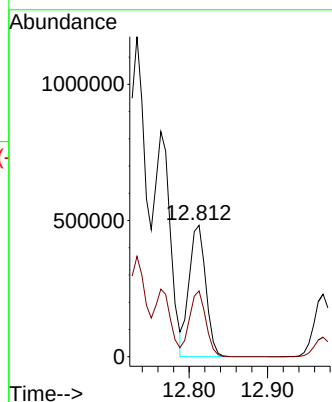
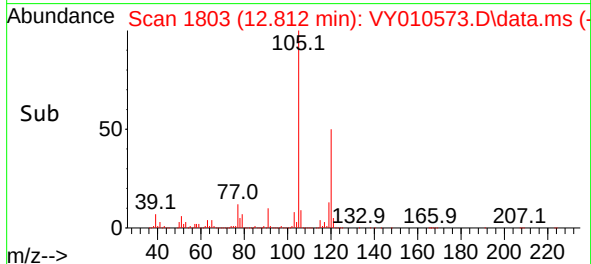
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



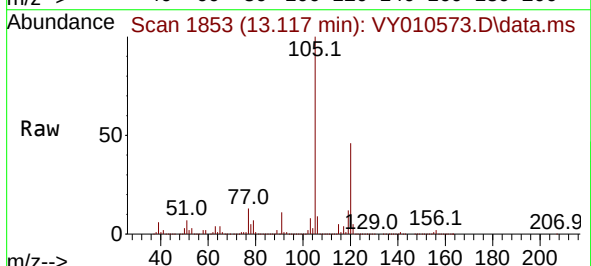
Tgt Ion:105 Resp: 71538
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4

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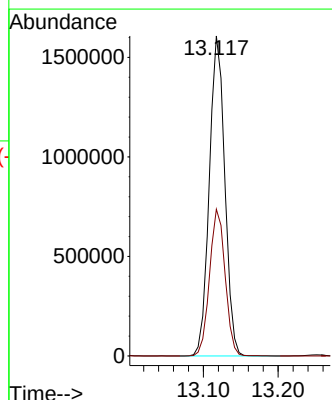
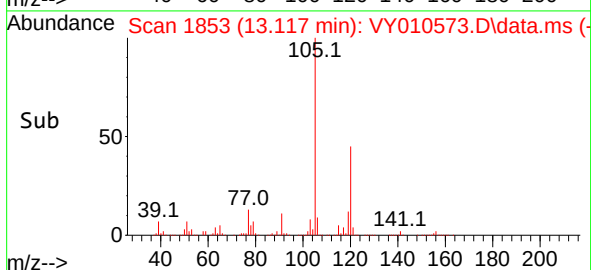
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

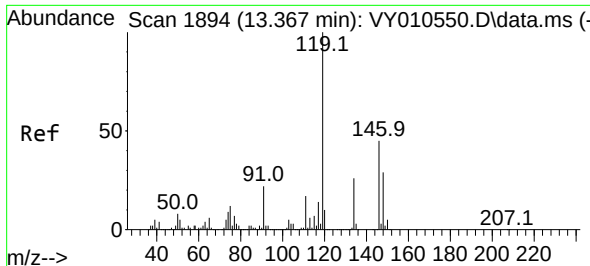


#84
 1,2,4-Trimethylbenzene
 Concen: 274.727 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY010573.D
 Acq: 20 Sep 2022 14:01



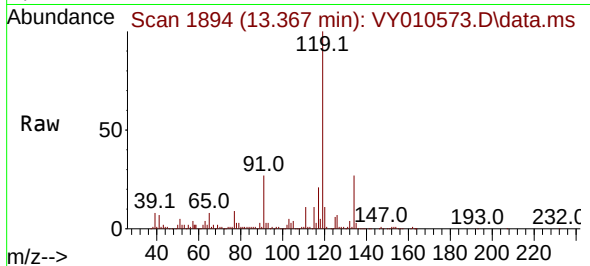
Tgt Ion:105 Resp: 2311284
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.9





#86
p-Isopropyltoluene
Concen: 15.448 ug/l m
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01

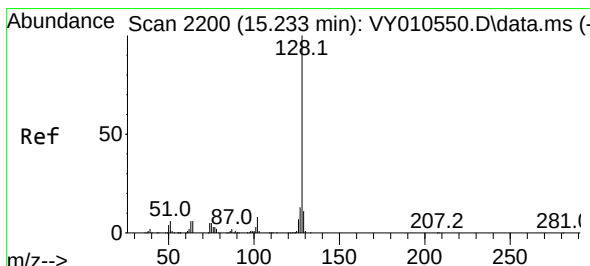
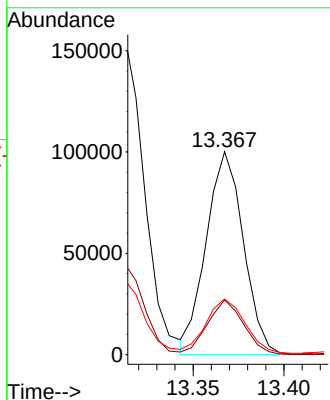
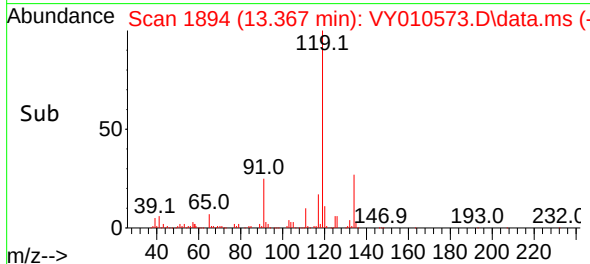
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



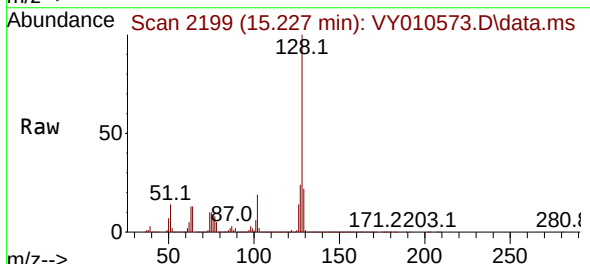
Tgt Ion:119 Resp: 143190
Ion Ratio Lower Upper
119 100
134 44.4 13.2 39.5
91 37.7 12.4 37.2

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



#95
Naphthalene
Concen: 4028.034 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY010573.D
Acq: 20 Sep 2022 14:01



Tgt Ion:128 Resp:21347382
Ion Ratio Lower Upper
128 100
127 24.3 11.0 16.4#
129 21.5 8.4 12.6#

