

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017623.D
 Acq On : 08 Mar 2024 16:22
 Operator : SY/MD
 Sample : P1720-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4196

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/11/2024
 Supervised By : Mahesh Dadoda 03/11/2024

Quant Time: Mar 08 22:24:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	144665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49240	53.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.180%
35) Dibromofluoromethane	7.716	113	57348	47.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.320%
50) Toluene-d8	10.179	98	194326	45.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.483	95	50144	37.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.040%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2955	16.580	ug/l #	83
68) m/p-Xylenes	11.703	106	2232	1.055	ug/l	83
73) Isopropylbenzene	12.337	105	16597	5.084	ug/l #	73
78) n-propylbenzene	12.672	91	6689	1.708	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	12110	4.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	38076	14.747	ug/l	100
85) sec-Butylbenzene	13.257	105	63267	18.018	ug/l	97
86) p-Isopropyltoluene	13.373	119	18003	6.263	ug/l	99
89) n-Butylbenzene	13.696	91	10006m	3.816	ug/l	

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

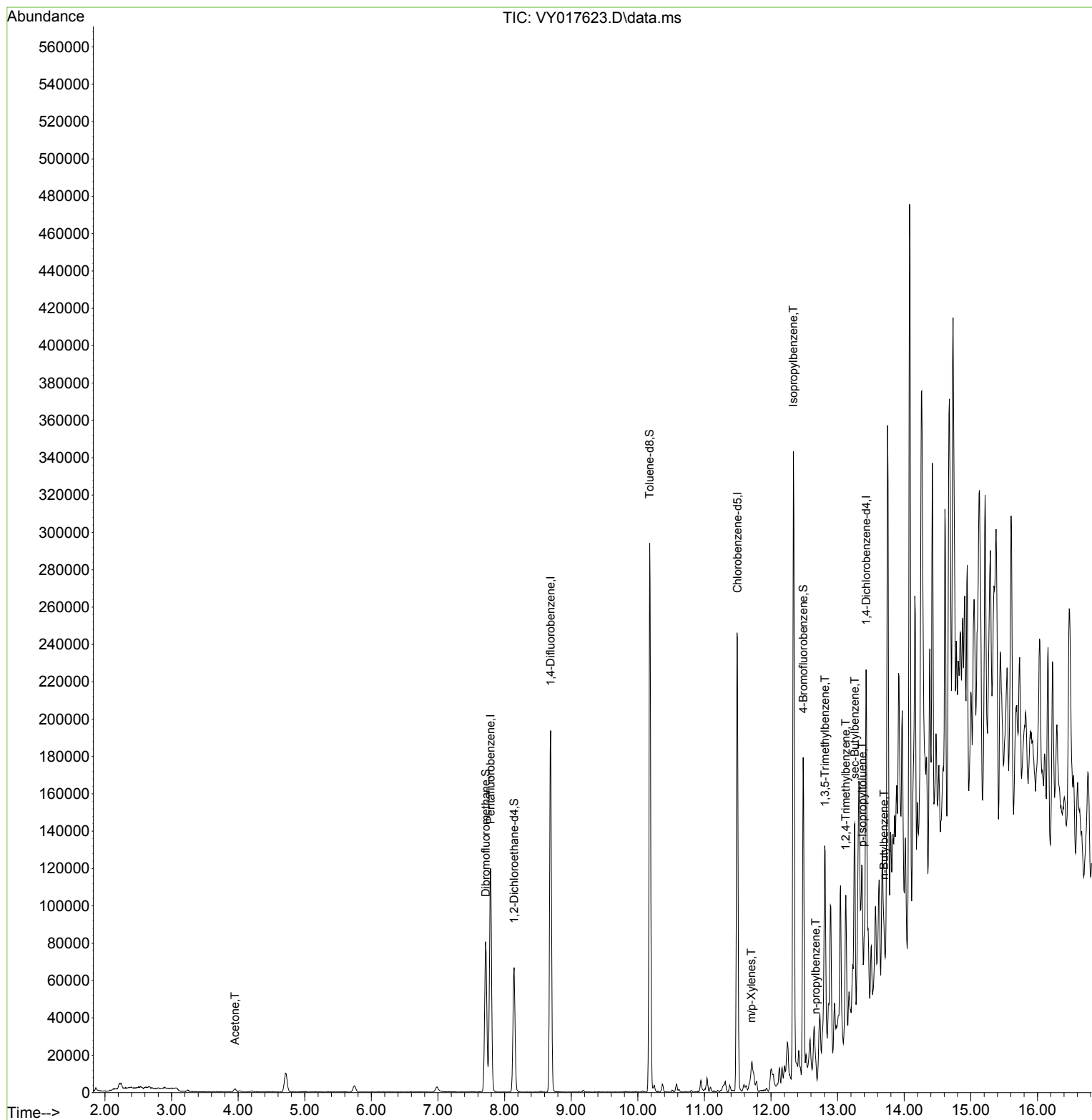
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017623.D
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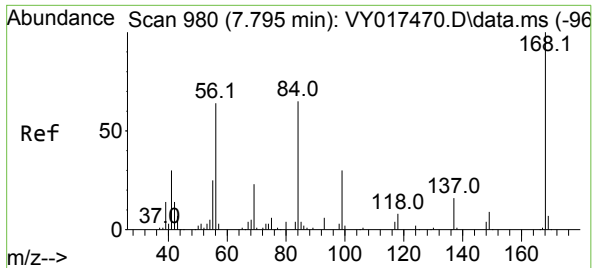
Instrument :
MSVOA_Y
ClientSampleId :
RT4196

Quant Time: Mar 08 22:24:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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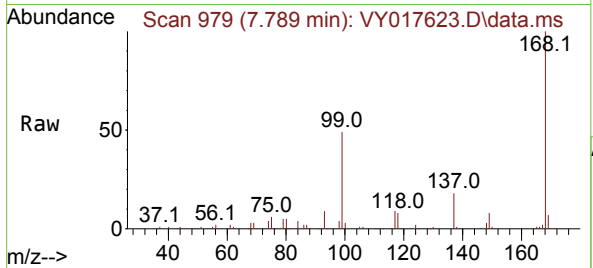
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

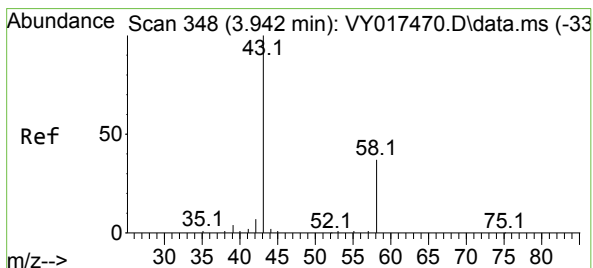
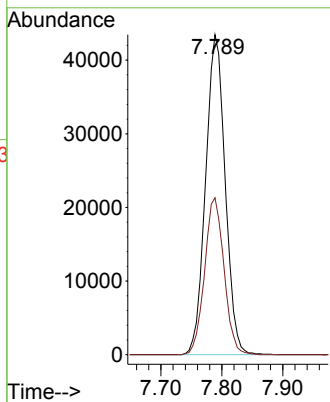
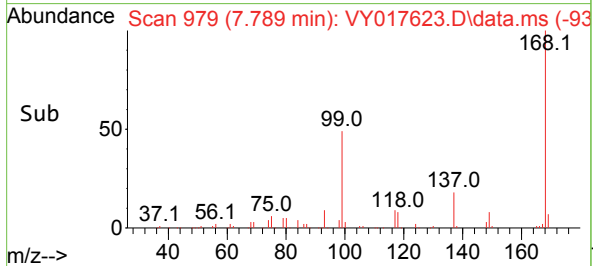
Instrument :
MSVOA_Y
ClientSampleId :
RT4196



Tgt Ion:168 Resp: 9695
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7

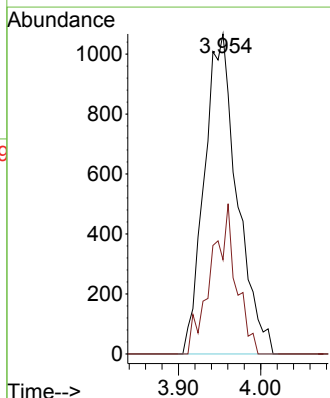
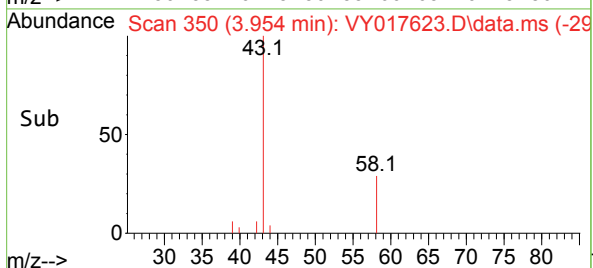
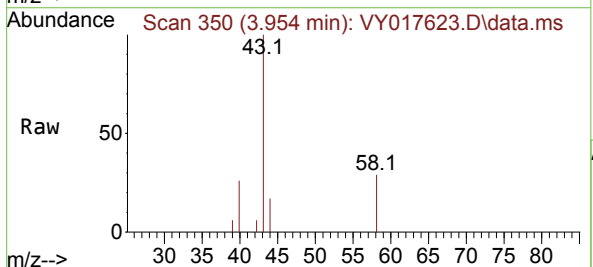
Manual Integrations
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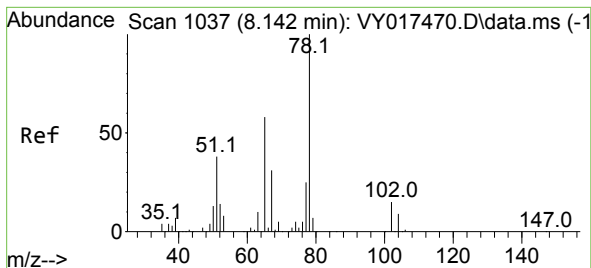
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024



#16
Acetone
Concen: 16.580 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
58 29.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 53.586 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017623.D

Acq: 08 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RT4196

Tgt Ion: 65 Resp: 49240

Ion Ratio Lower Upper

65 100

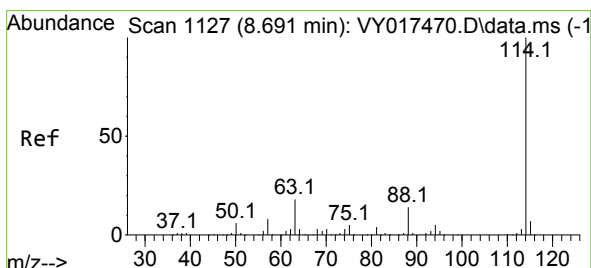
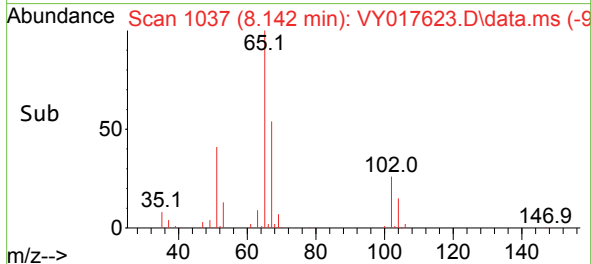
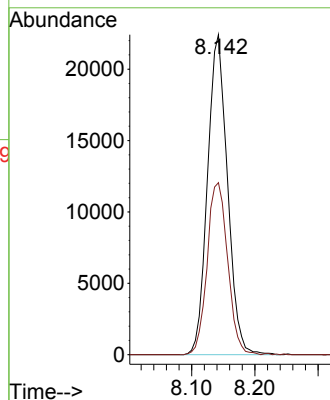
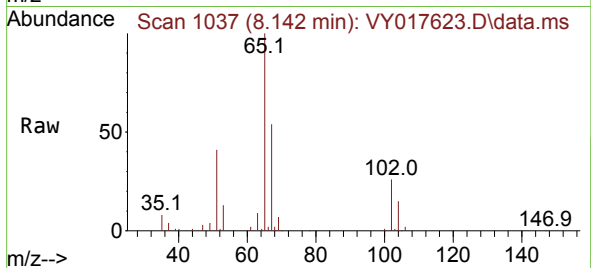
67 55.2 0.0 109.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017623.D

Acq: 08 Mar 2024 16:22

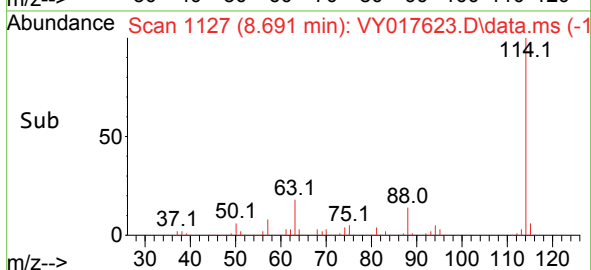
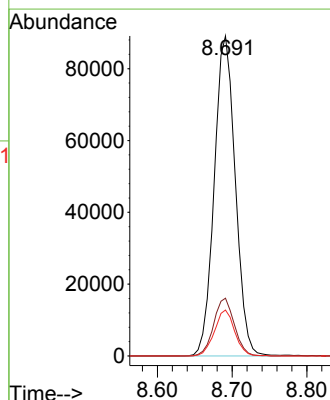
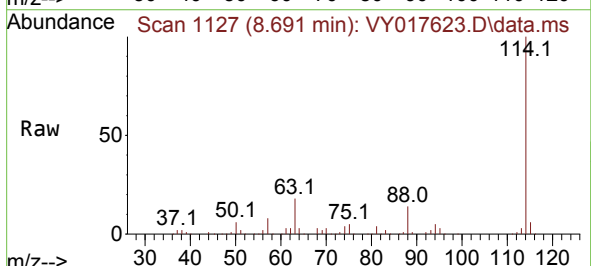
Tgt Ion:114 Resp: 174526

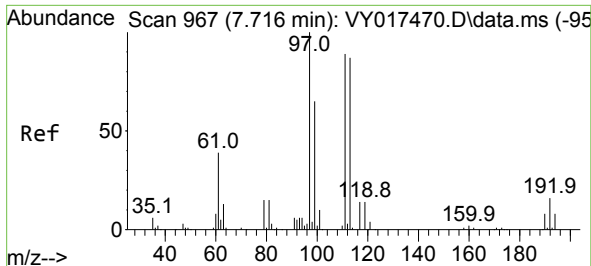
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

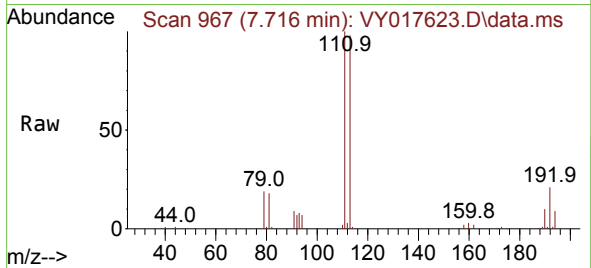
88 14.4 0.0 27.2





#35
Dibromofluoromethane
Concen: 47.155 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

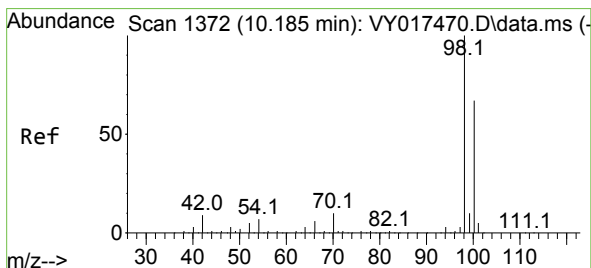
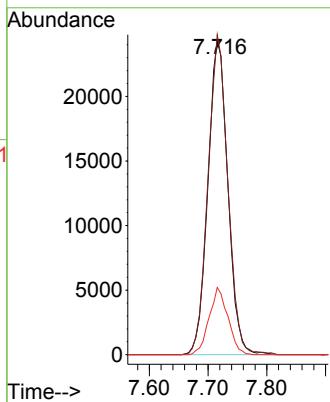
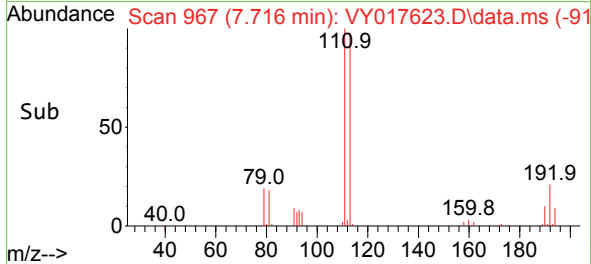
Instrument :
MSVOA_Y
ClientSampleId :
RT4196



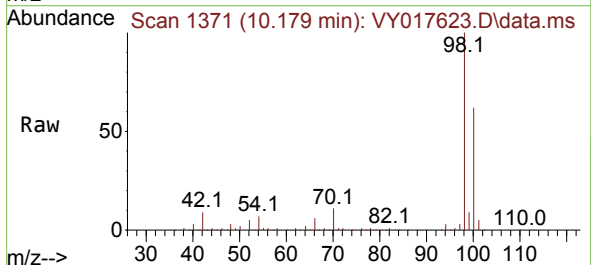
Tgt Ion:113 Resp: 57348
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 20.2 15.9 23.9

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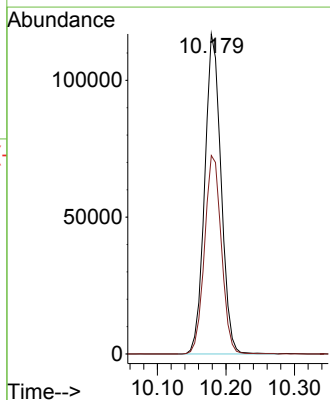
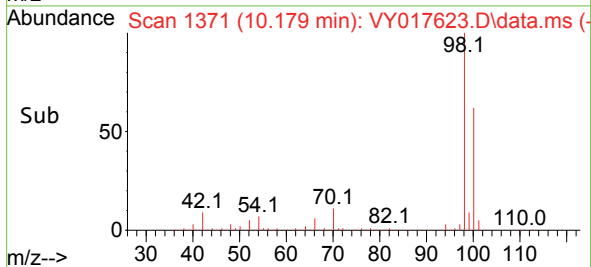
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024

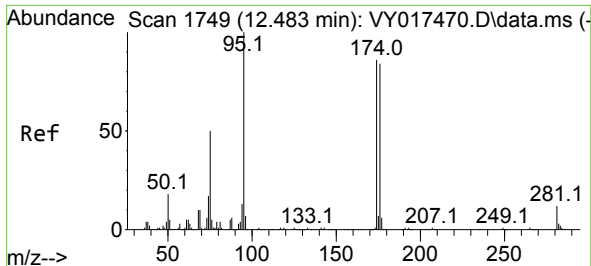


#50
Toluene-d8
Concen: 45.701 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22



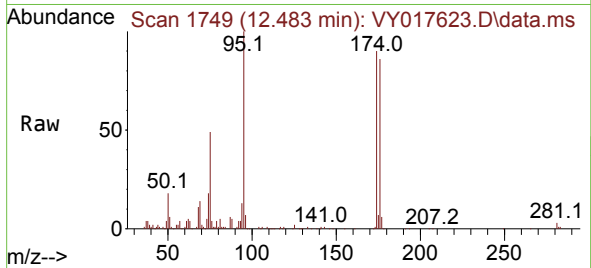
Tgt Ion: 98 Resp: 194326
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 37.524 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

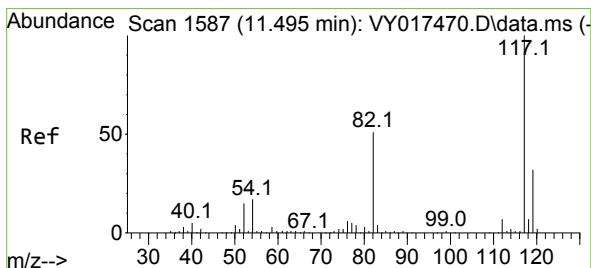
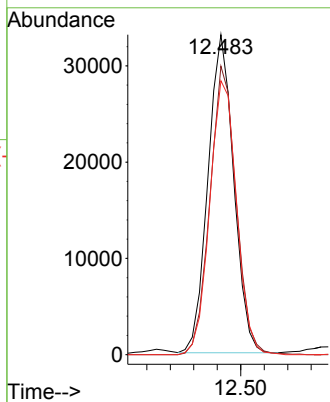
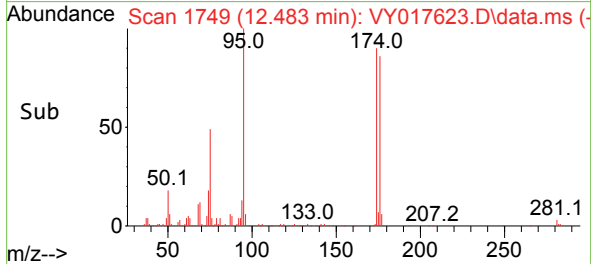
Instrument :
MSVOA_Y
ClientSampleId :
RT4196



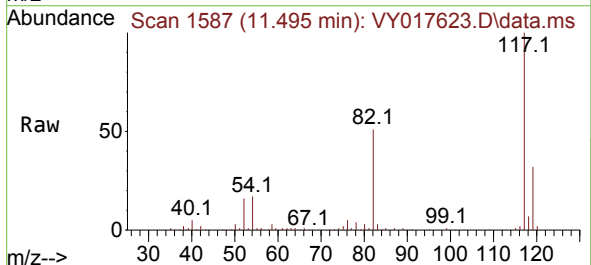
Tgt Ion: 95 Resp: 50144
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 89.9 0.0 171.4

Manual Integrations
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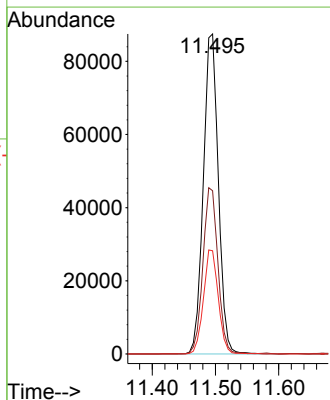
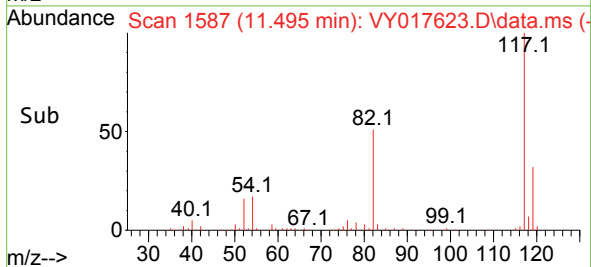
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024

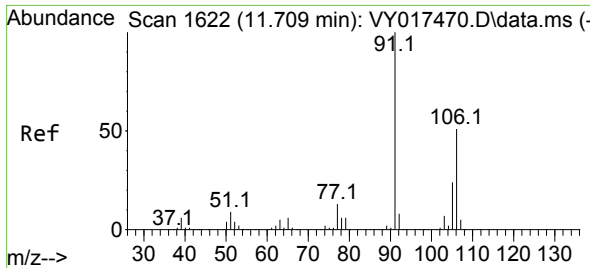


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22



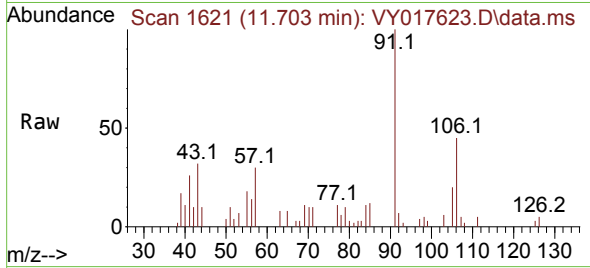
Tgt Ion:117 Resp: 144665
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 32.3 25.9 38.9





#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

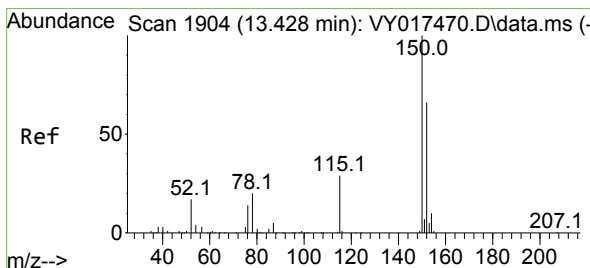
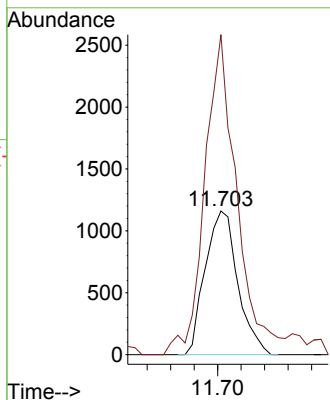
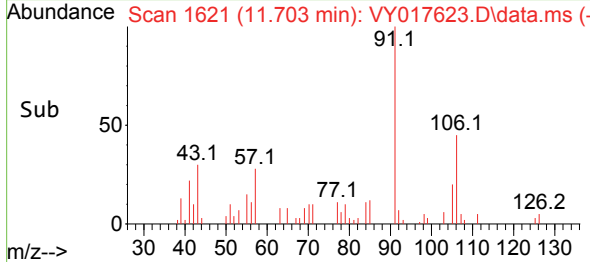
Instrument :
MSVOA_Y
ClientSampleId :
RT4196



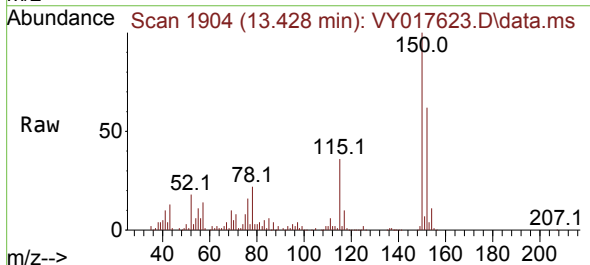
Tgt Ion:106 Resp: 223
Ion Ratio Lower Upper
106 100
91 219.6 156.0 234.0

Manual Integrations
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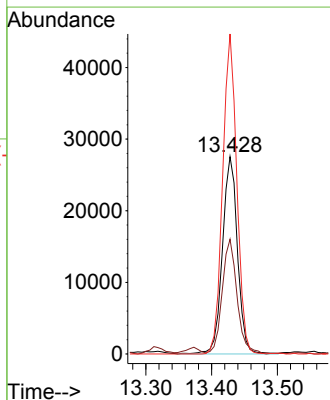
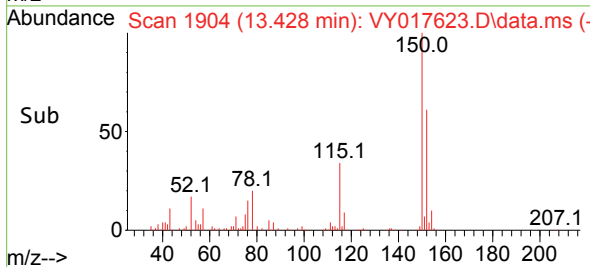
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024

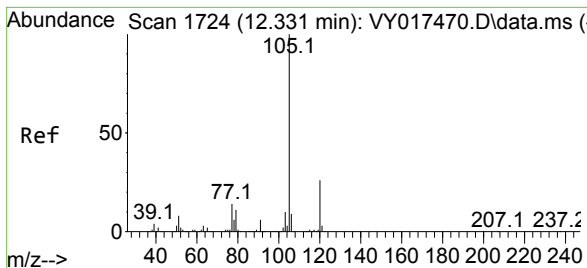


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22



Tgt Ion:152 Resp: 43940
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 152.5 0.0 345.6





#73

Isopropylbenzene

Concen: 5.084 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017623.D

Acq: 08 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RT4196

Tgt Ion:105 Resp: 1659

Ion Ratio Lower Upper

105 100

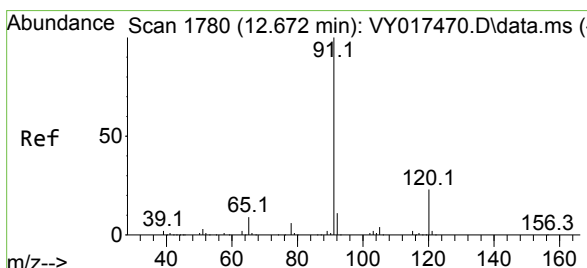
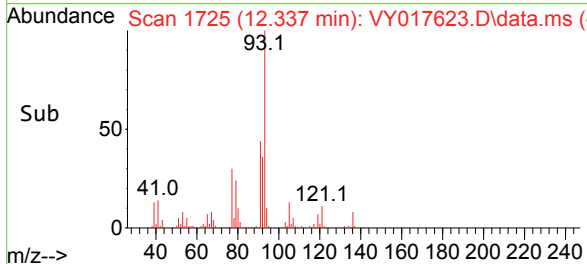
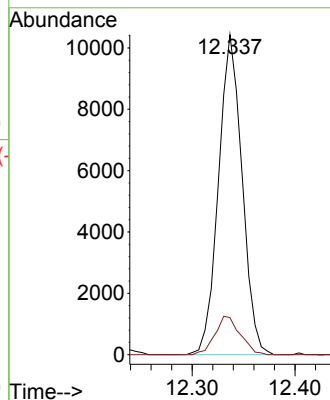
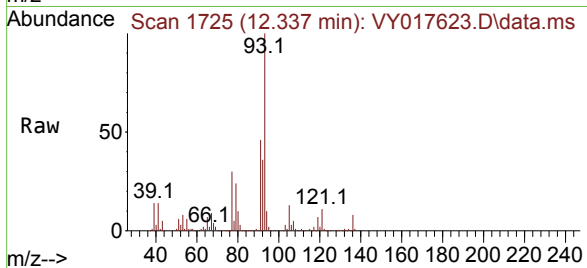
120 12.8 13.4 40.1

Manual Integrations

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Supervised By :Mahesh Dadoda 03/11/2024



#78

n-propylbenzene

Concen: 1.708 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017623.D

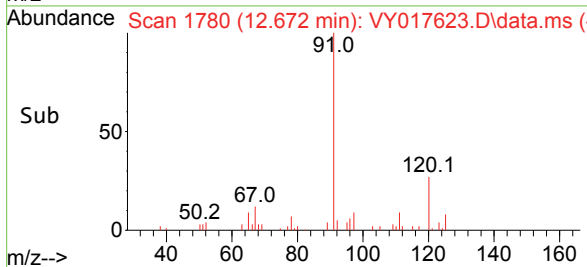
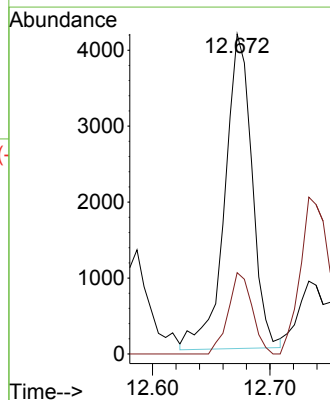
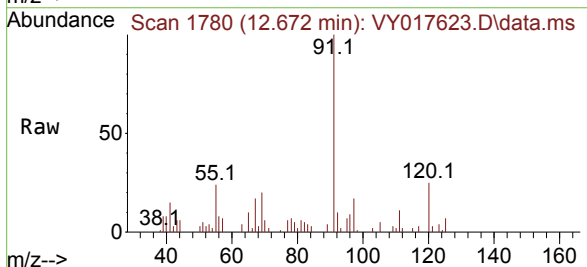
Acq: 08 Mar 2024 16:22

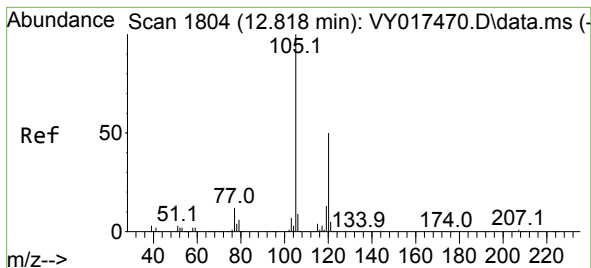
Tgt Ion: 91 Resp: 6689

Ion Ratio Lower Upper

91 100

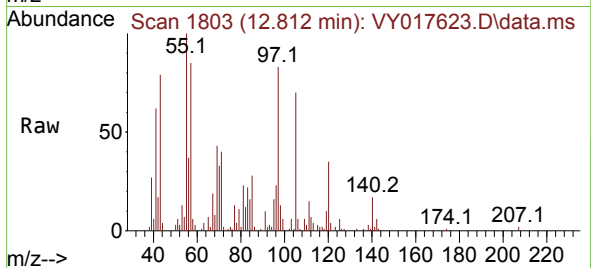
120 22.5 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 4.630 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

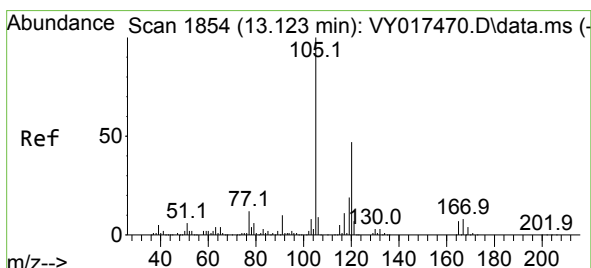
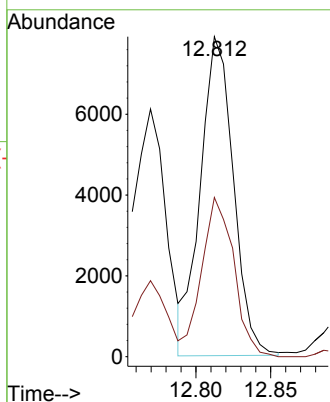
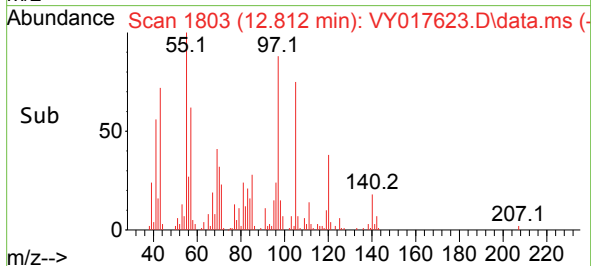
Instrument :
MSVOA_Y
ClientSampleId :
RT4196



Tgt Ion:105 Resp: 12110
Ion Ratio Lower Upper
105 100
120 48.7 25.1 75.2

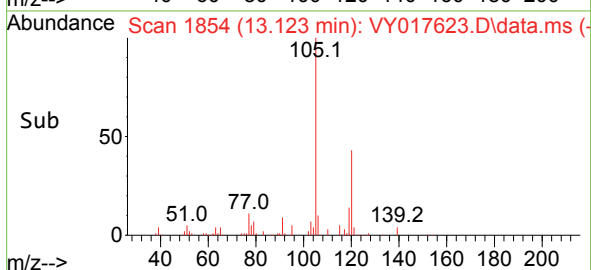
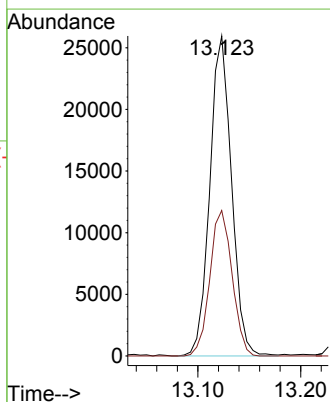
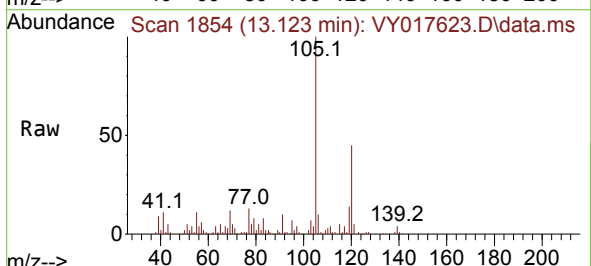
Manual Integrations
APPROVED

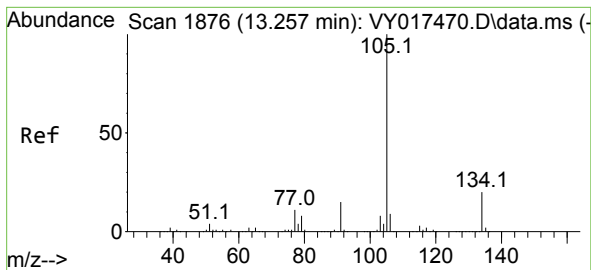
Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 14.747 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

Tgt Ion:105 Resp: 38076
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.018 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017623.D

Acq: 08 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RT4196

Tgt Ion:105 Resp: 6326

Ion Ratio Lower Upper

105 100

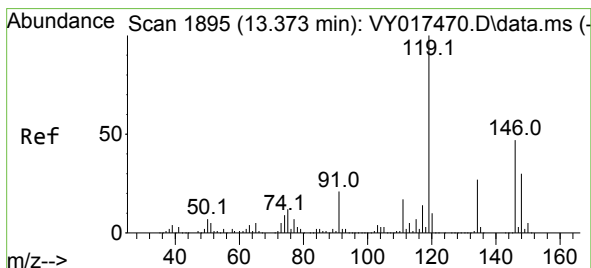
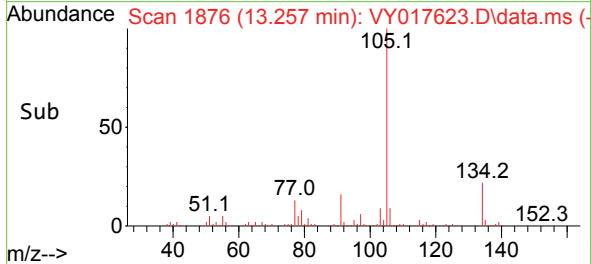
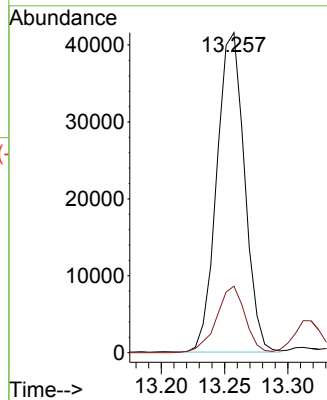
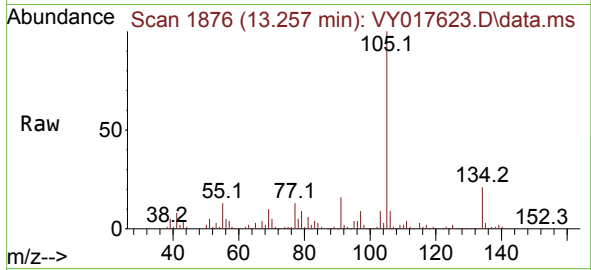
134 21.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024

Supervised By :Mahesh Dadoda 03/11/2024



#86

p-Isopropyltoluene

Concen: 6.263 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017623.D

Acq: 08 Mar 2024 16:22

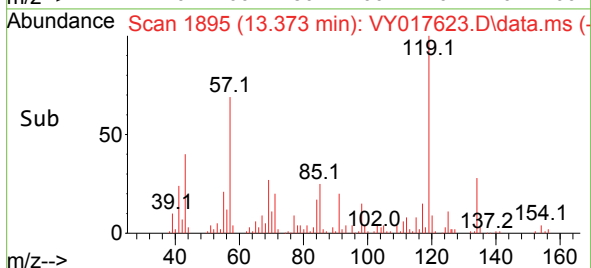
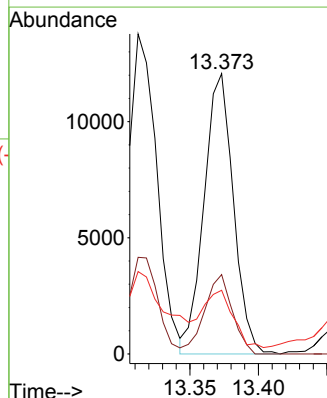
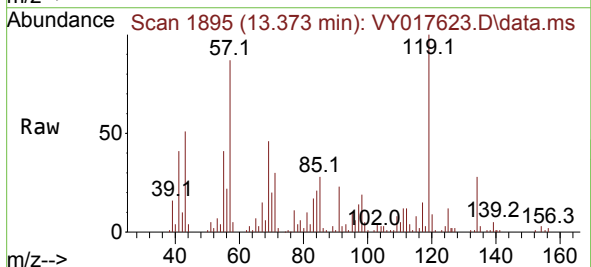
Tgt Ion:119 Resp: 18003

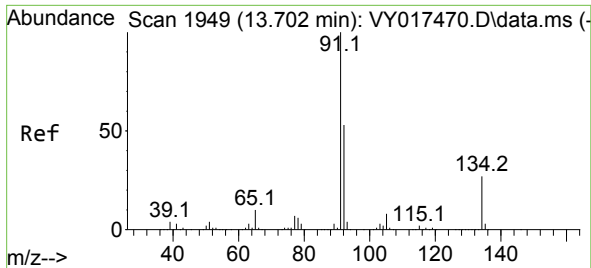
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

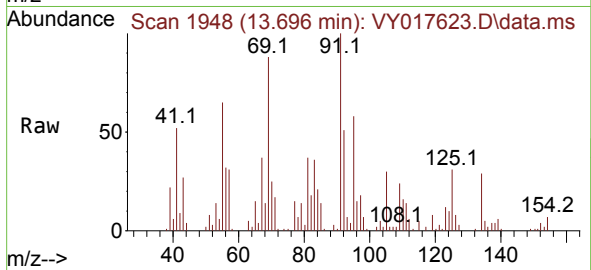
91 21.5 10.7 32.1





#89
n-Butylbenzene
Concen: 3.816 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017623.D
Acq: 08 Mar 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :
RT4196



Tgt Ion: 91 Resp: 10000
Ion Ratio Lower Upper
91 100
92 55.5 26.6 79.7
134 0.0 12.9 38.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
Supervised By :Mahesh Dadoda 03/11/2024

