

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019649.D
 Acq On : 20 Sep 2024 16:33
 Operator : SY/MD
 Sample : P4103-16
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-23

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

Quant Time: Sep 21 03:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	102899	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	180537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	55170	57.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.800%			
35) Dibromofluoromethane	7.628	113	55852	54.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.120%			
50) Toluene-d8	10.103	98	222068	58.653	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.300%			
62) 4-Bromofluorobenzene	12.402	95	78290	53.779	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.560%			
Target Compounds						
						Qvalue
16) Acetone	3.854	43	11537	50.825	ug/l	# 86
39) Methylcyclohexane	9.103	83	91670	49.456	ug/l	# 78
52) Toluene	10.170	92	6195	2.245	ug/l	97
67) Ethyl Benzene	11.518	91	1842276	328.409	ug/l	99
68) m/p-Xylenes	11.621	106	2337041	1101.778	ug/l	95
69) o-Xylene	11.950	106	260674	125.661	ug/l	96
73) Isopropylbenzene	12.249	105	562812	108.674	ug/l	100
78) n-propylbenzene	12.591	91	3016982	491.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	2110155	501.197	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	6943273	1666.026	ug/l	100
85) sec-Butylbenzene	13.170	105	415466	75.034	ug/l	# 59
89) n-Butylbenzene	13.615	91	732595m	169.157	ug/l	

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

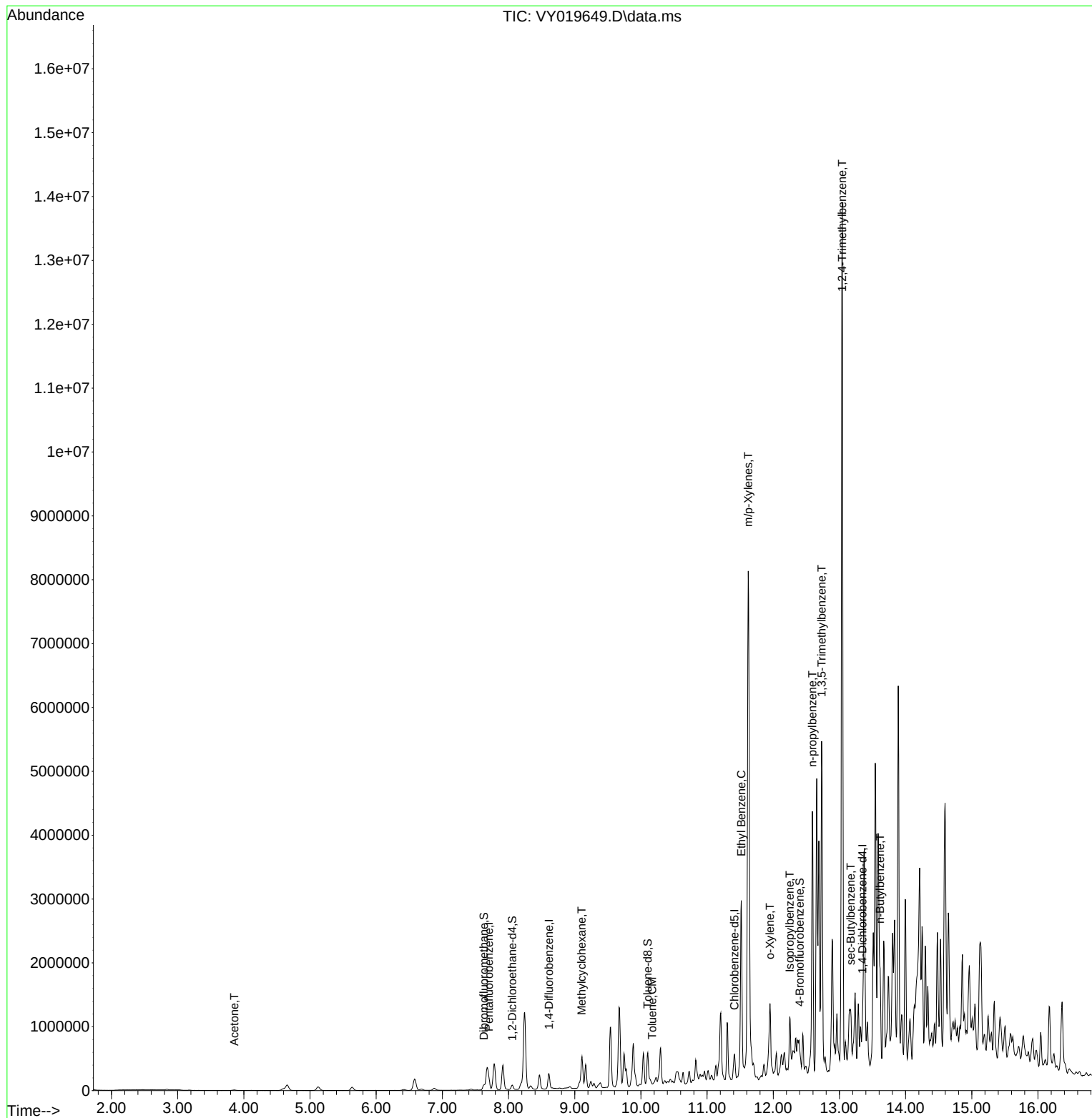
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
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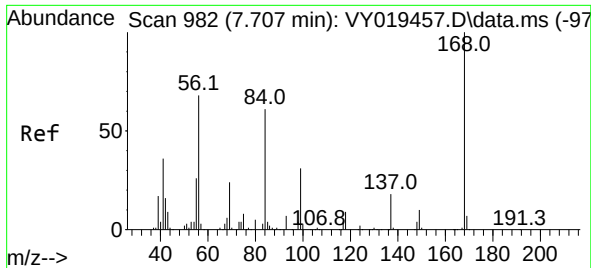
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

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Quant Title : SW846 8260
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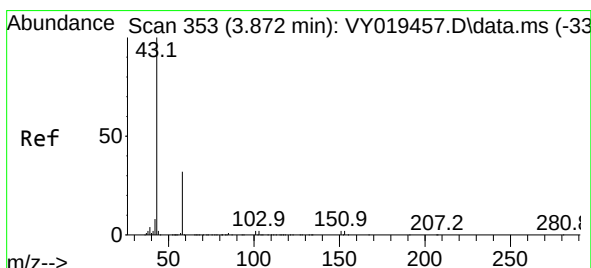
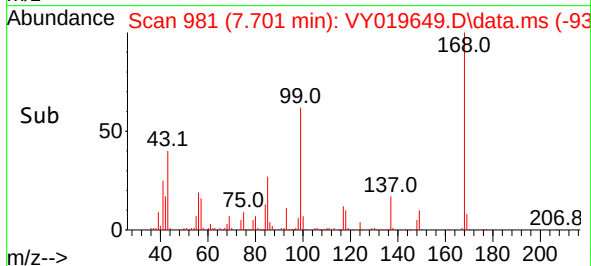
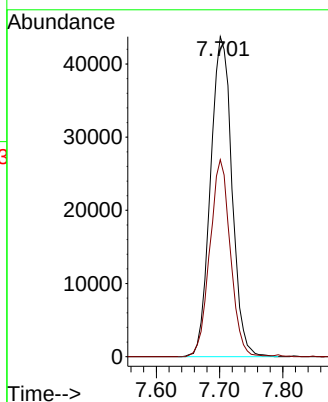
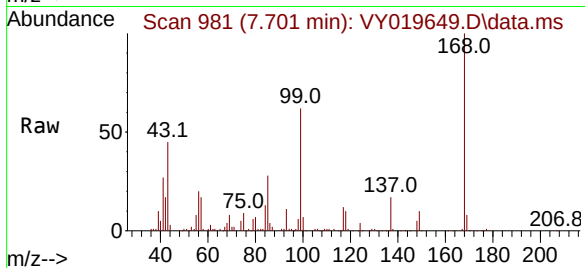
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :
WC-23

Tgt Ion:168 Resp: 102899
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7

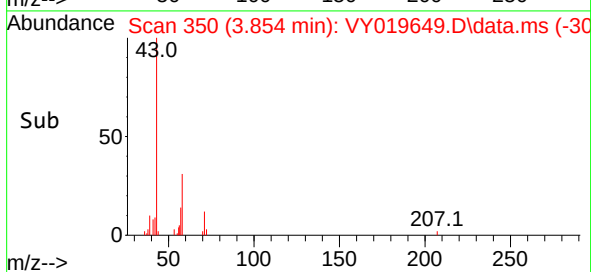
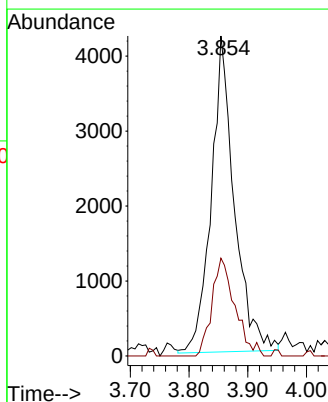
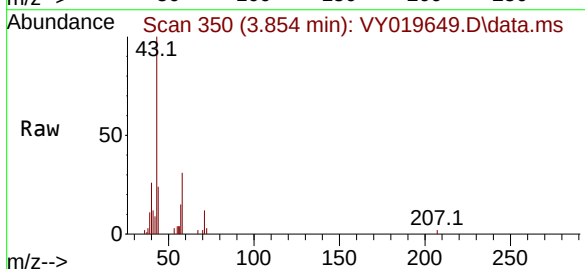
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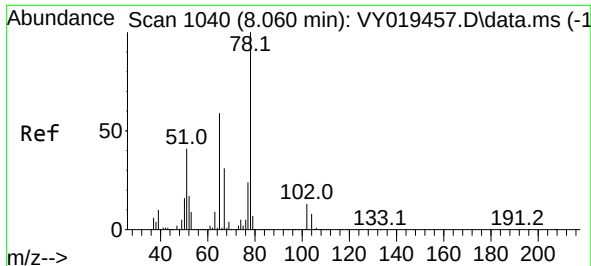
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#16
Acetone
Concen: 50.825 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 43 Resp: 11537
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5





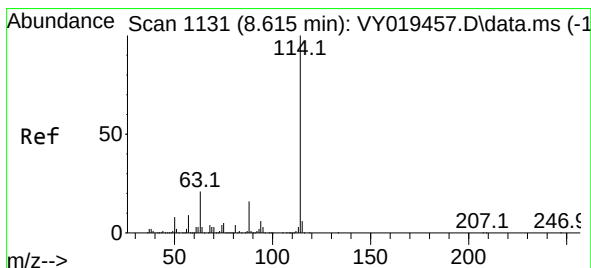
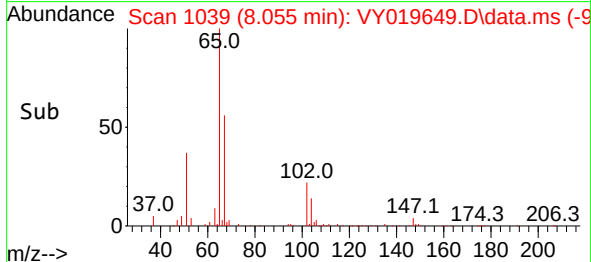
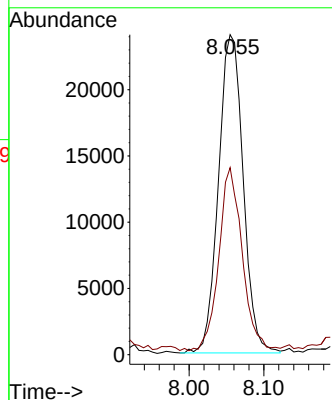
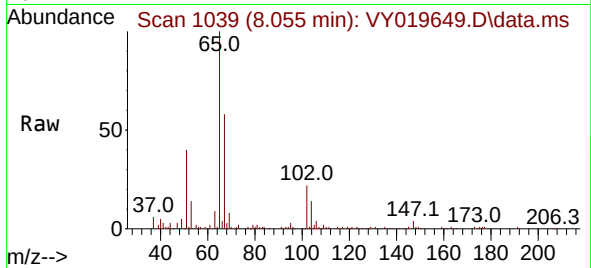
#33
1,2-Dichloroethane-d4
Concen: 57.902 ug/l
RT: 8.055 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :
WC-23

Tgt Ion: 65 Resp: 55170
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

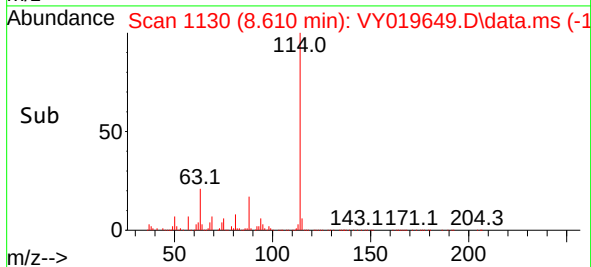
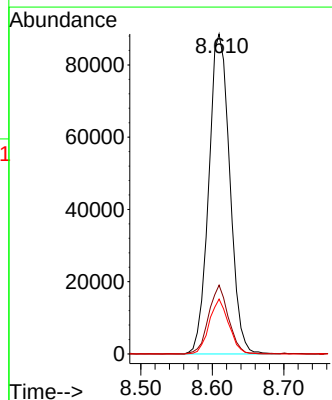
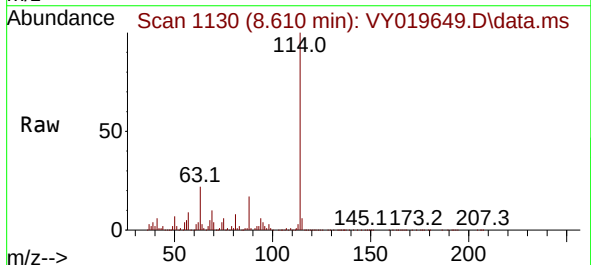
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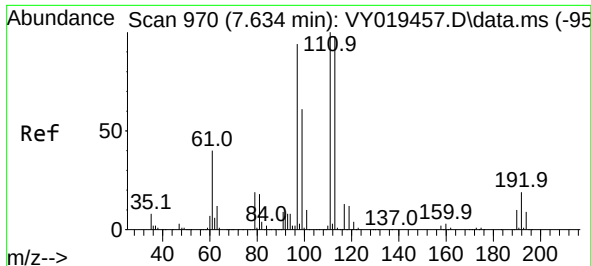
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

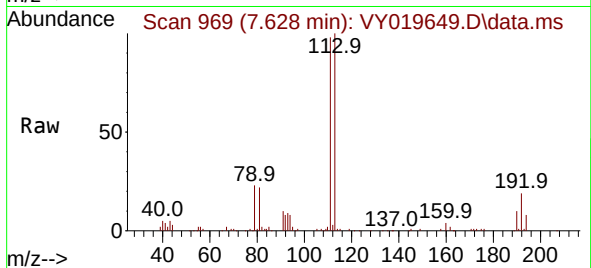
Tgt Ion:114 Resp: 180537
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 17.1 0.0 27.2





#35
Dibromofluoromethane
Concen: 54.564 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

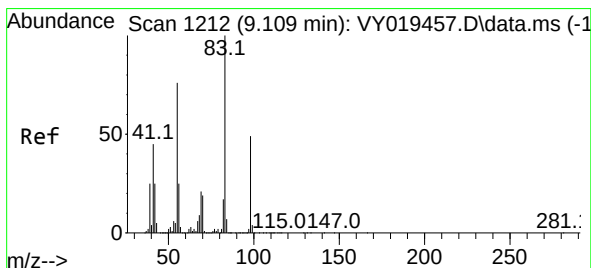
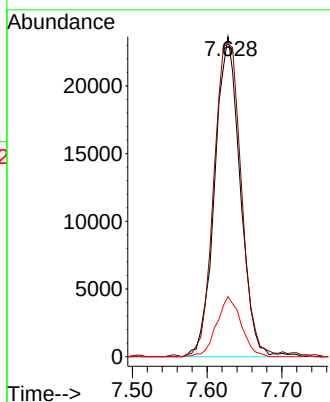
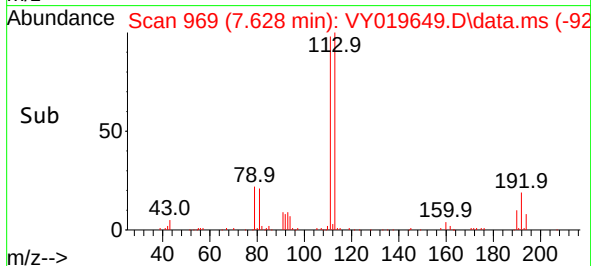
Instrument :
MSVOA_Y
ClientSampleId :
WC-23



Tgt Ion: 113 Resp: 55852
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.4
192 18.2 15.9 23.9

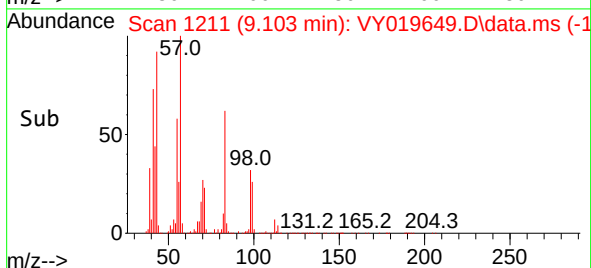
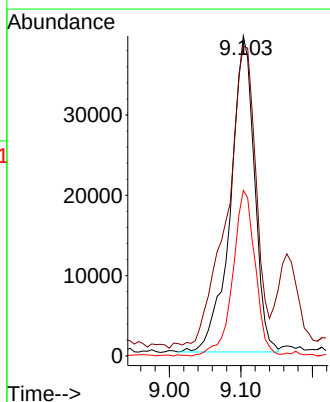
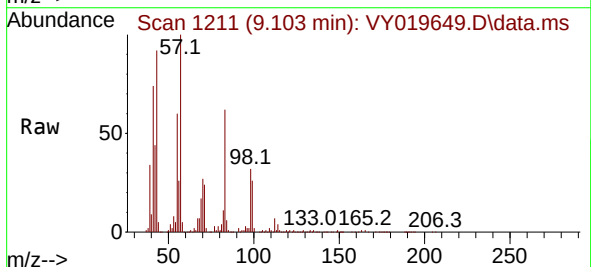
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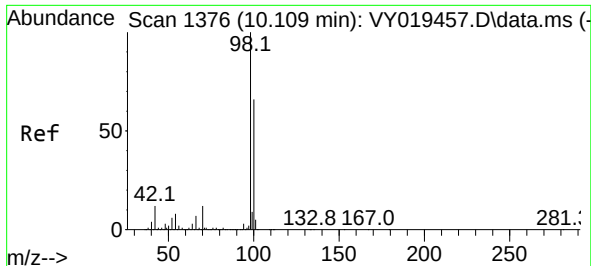
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#39
Methylcyclohexane
Concen: 49.456 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 83 Resp: 91670
Ion Ratio Lower Upper
83 100
55 94.0 51.5 77.3#
98 52.1 40.5 60.7





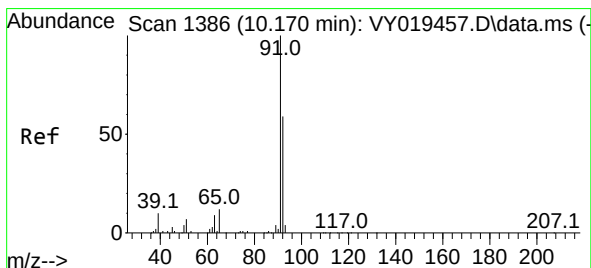
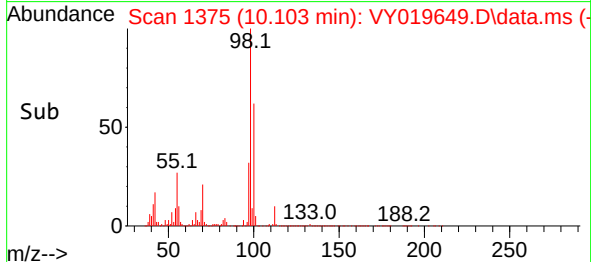
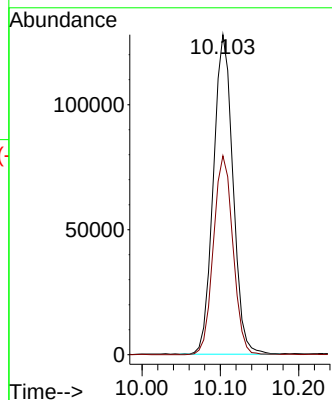
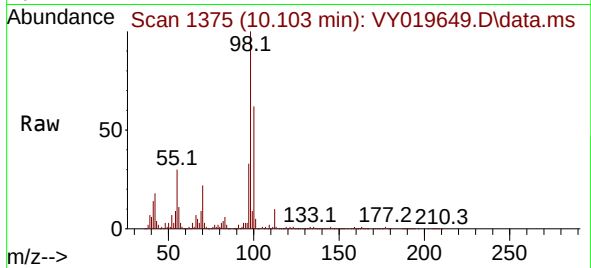
#50
Toluene-d8
Concen: 58.653 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :
WC-23

Tgt Ion: 98 Resp: 22206
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0

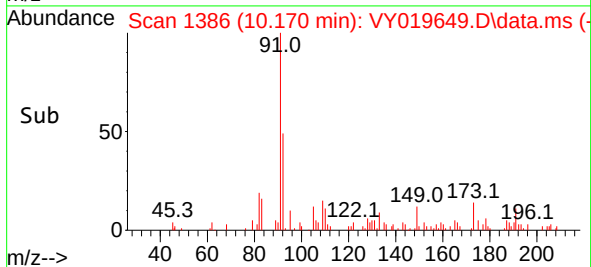
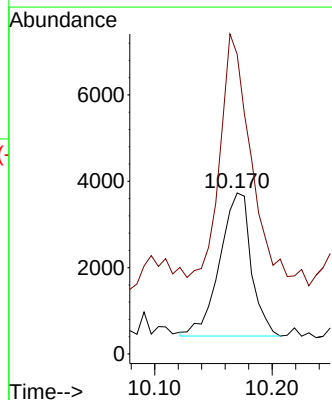
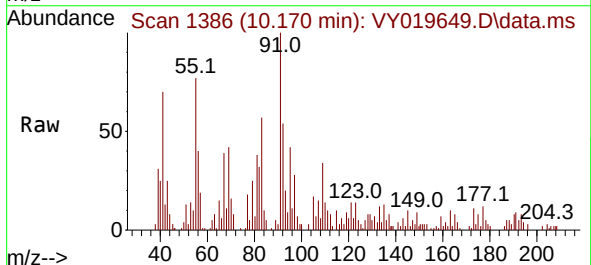
Manual Integrations
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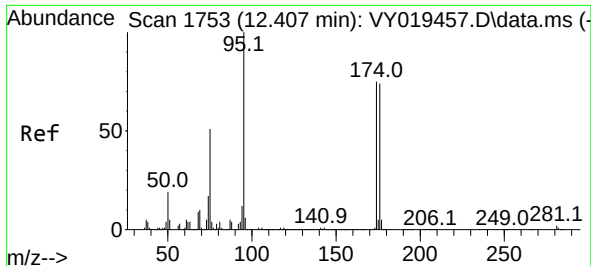
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#52
Toluene
Concen: 2.245 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 92 Resp: 6195
Ion Ratio Lower Upper
92 100
91 178.3 139.0 208.6





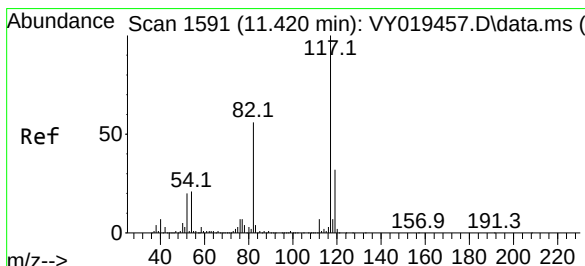
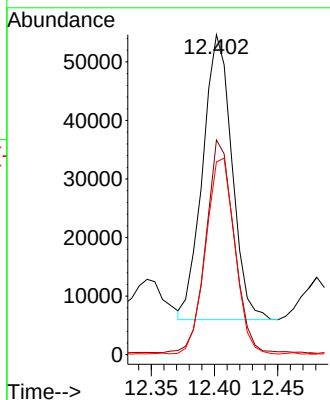
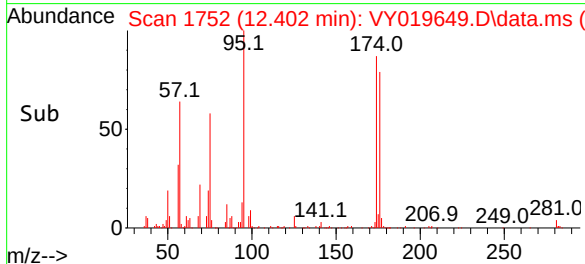
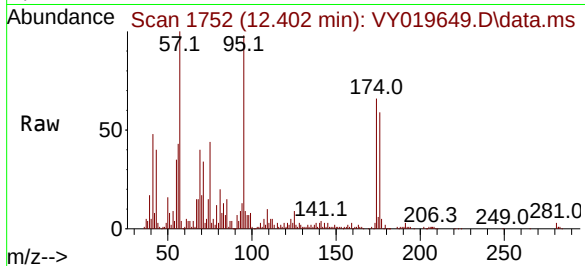
#62
4-Bromofluorobenzene
Concen: 53.779 ug/l
RT: 12.402 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :
WC-23

Tgt Ion: 95 Resp: 78290
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 68.7 0.0 171.4

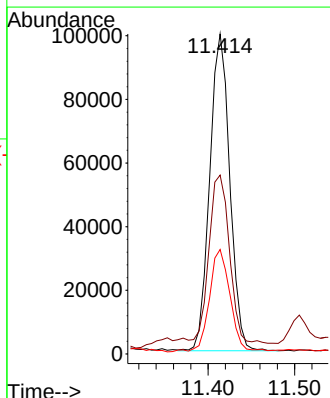
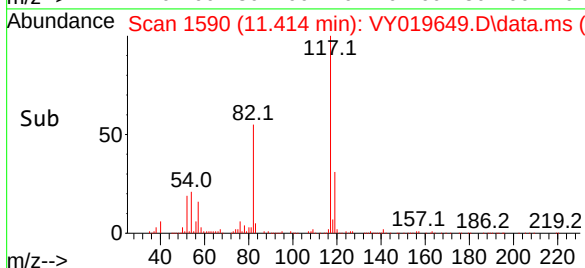
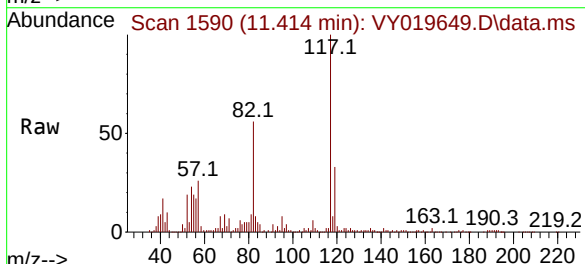
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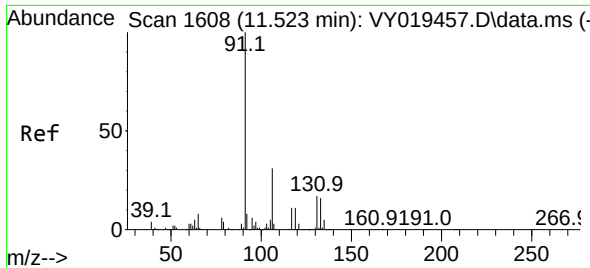
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

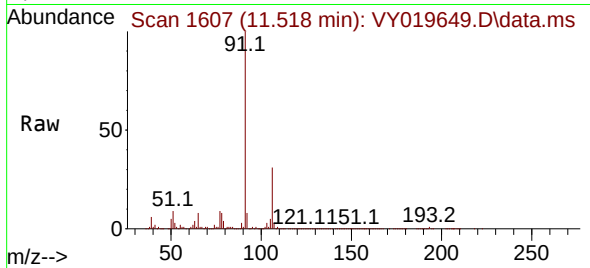
Tgt Ion:117 Resp: 160500
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 31.8 25.9 38.9





#67
Ethyl Benzene
Concen: 328.409 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

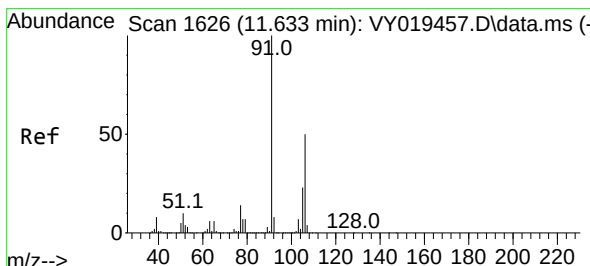
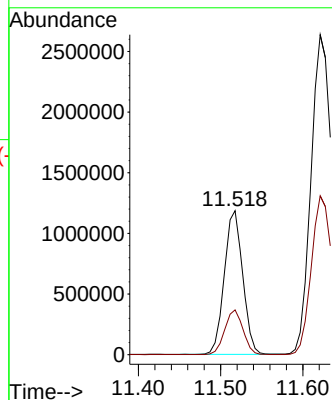
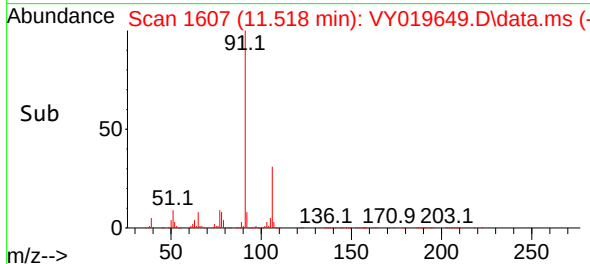
Instrument :
MSVOA_Y
ClientSampleId :
WC-23



Tgt Ion: 91 Resp: 1842270
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

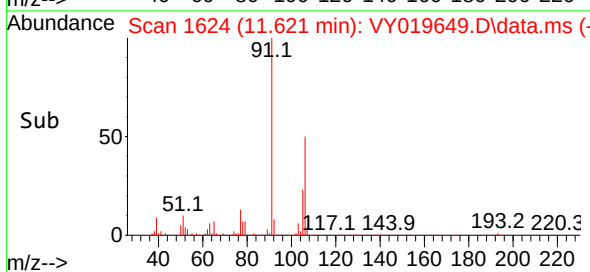
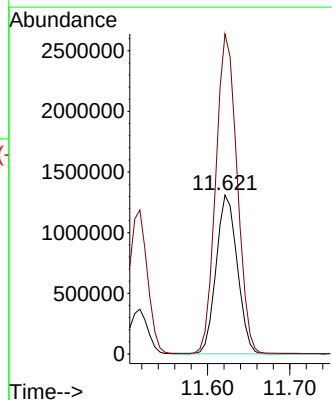
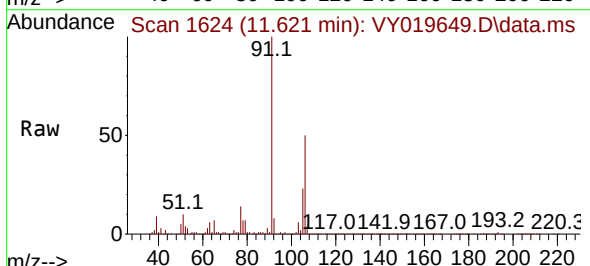
Manual Integrations
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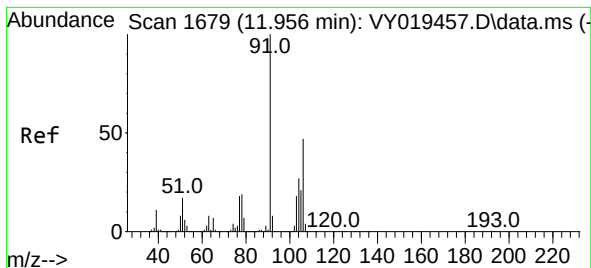
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#68
m/p-Xylenes
Concen: 1101.778 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion:106 Resp: 2337041
Ion Ratio Lower Upper
106 100
91 203.1 156.0 234.0





#69

o-Xylene

Concen: 125.661 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-23

Tgt Ion:106 Resp: 260674

Ion Ratio Lower Upper

106 100

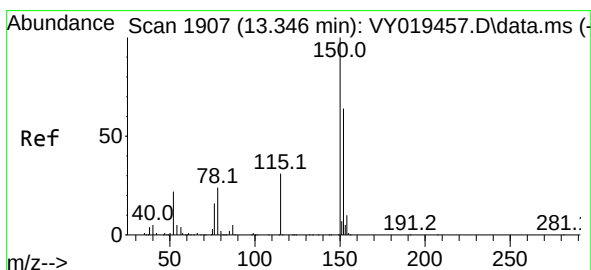
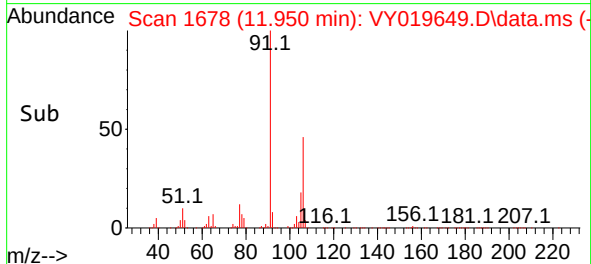
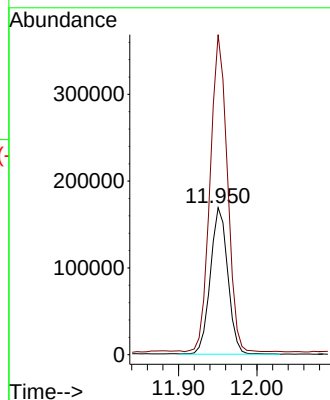
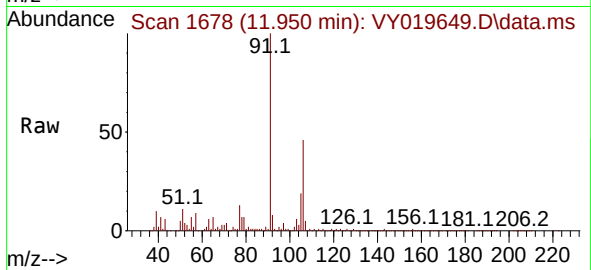
91 213.7 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

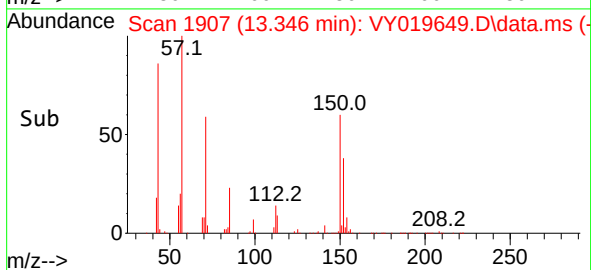
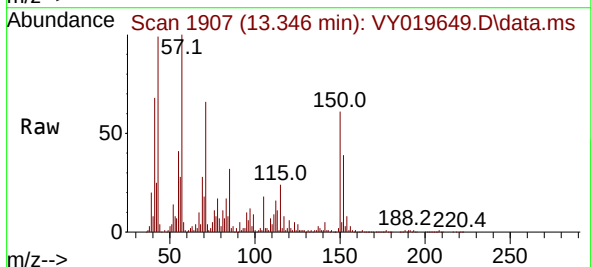
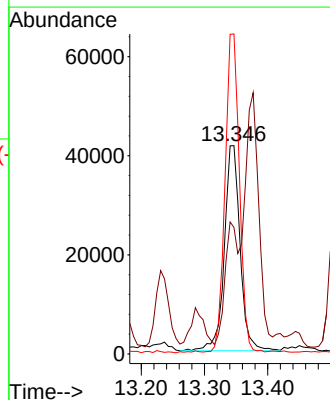
Tgt Ion:152 Resp: 71387

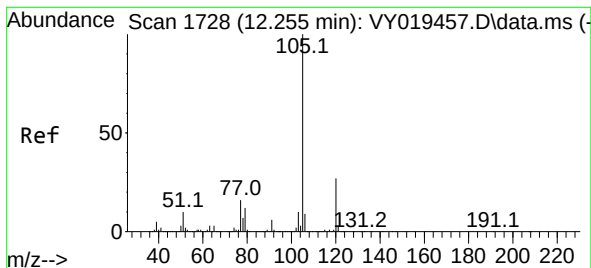
Ion Ratio Lower Upper

152 100

115 47.4 28.2 84.7

150 140.7 0.0 345.6





#73

Isopropylbenzene

Concen: 108.674 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-23

Tgt Ion:105 Resp: 56281

Ion Ratio Lower Upper

105 100

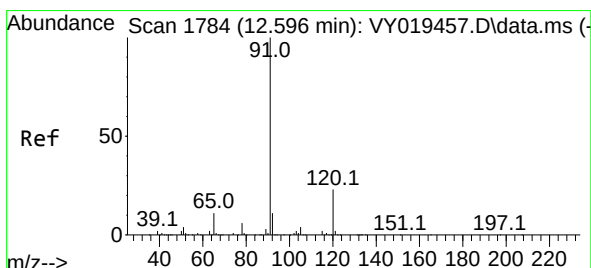
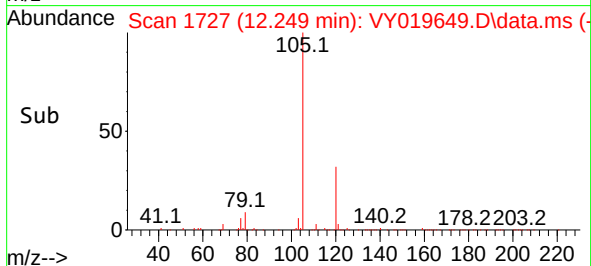
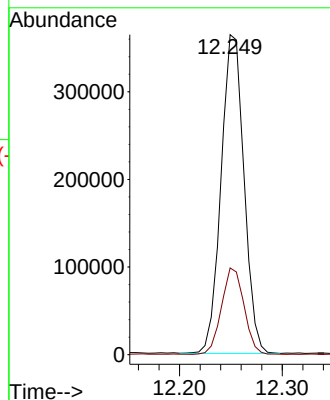
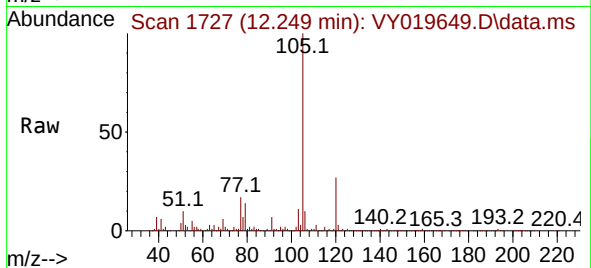
120 26.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#78

n-propylbenzene

Concen: 491.492 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019649.D

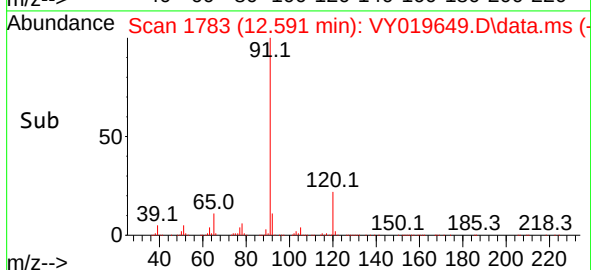
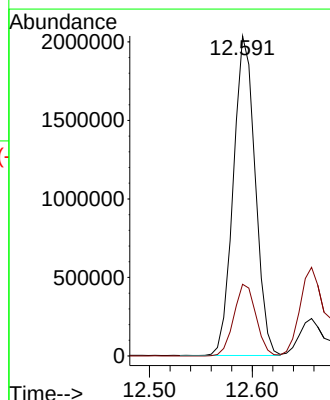
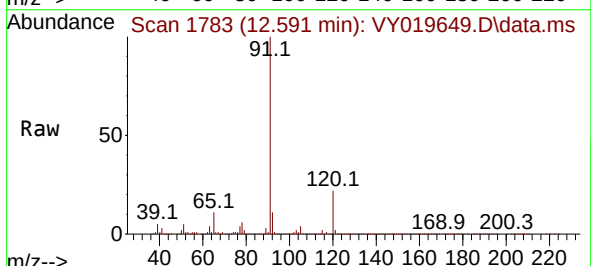
Acq: 20 Sep 2024 16:33

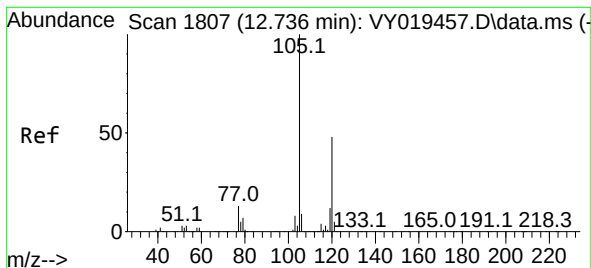
Tgt Ion: 91 Resp: 3016982

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 501.197 ug/l

RT: 12.731 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-23

Tgt Ion:105 Resp: 211015

Ion Ratio Lower Upper

105 100

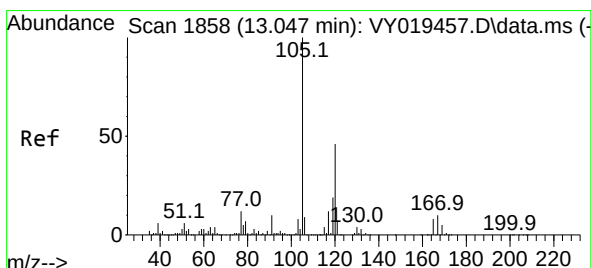
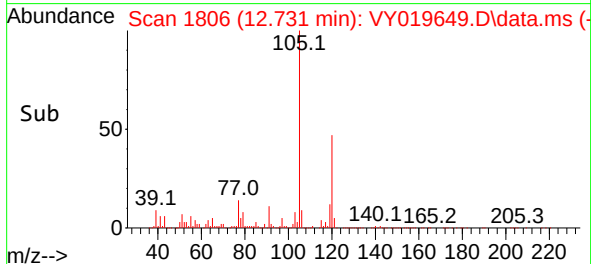
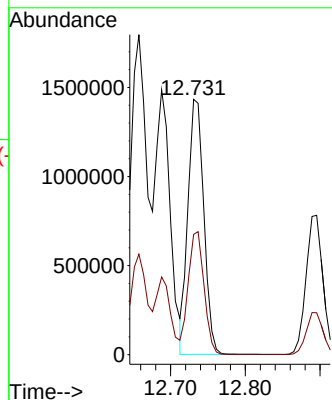
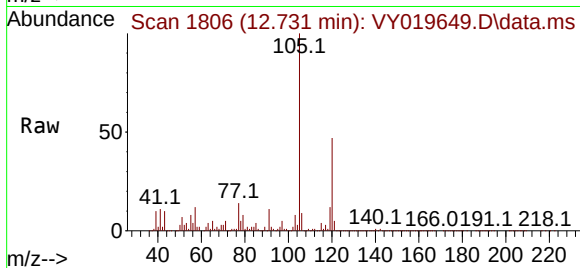
120 48.1 25.1 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 1666.026 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019649.D

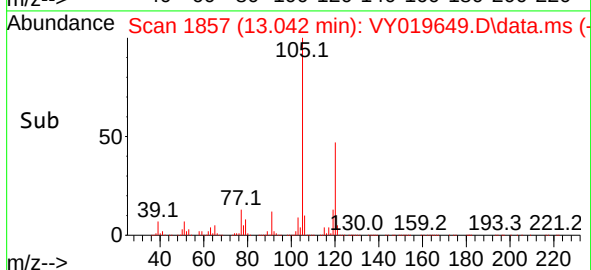
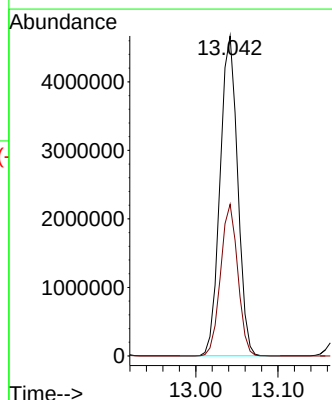
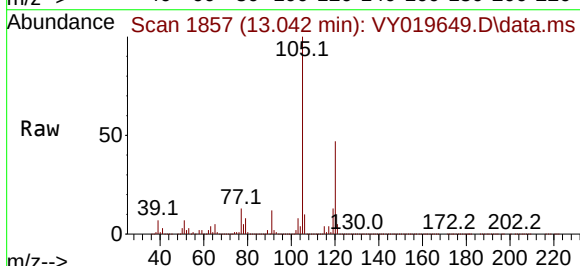
Acq: 20 Sep 2024 16:33

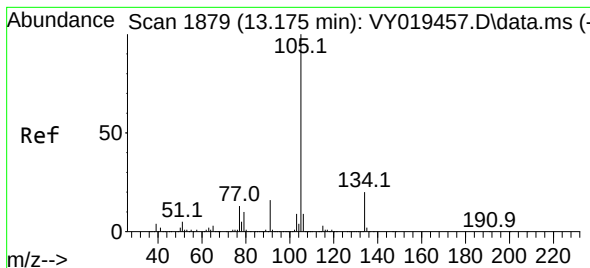
Tgt Ion:105 Resp: 6943273

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 75.034 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-23

Tgt Ion:105 Resp: 415460

Ion Ratio Lower Upper

105 100

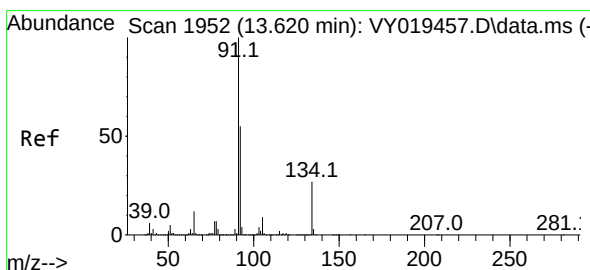
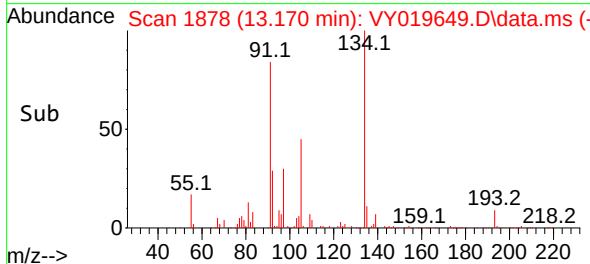
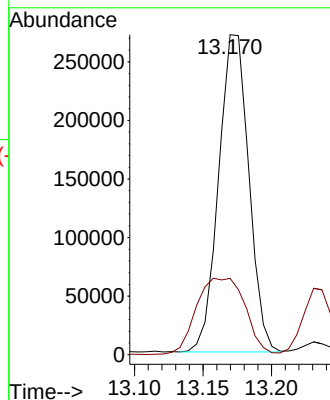
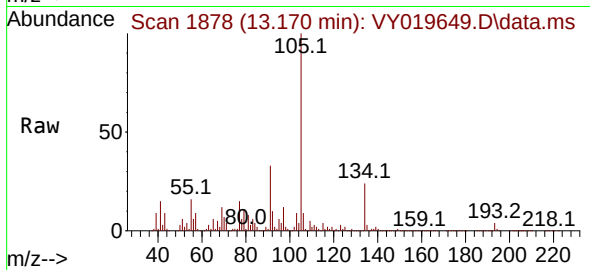
134 38.8 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#89

n-Butylbenzene

Concen: 169.157 ug/l m

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Tgt Ion: 91 Resp: 732595

Ion Ratio Lower Upper

91 100

92 59.5 26.6 79.7

134 0.0 12.9 38.7

