

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019547.D
 Acq On : 13 Sep 2024 18:19
 Operator : SY/MD
 Sample : P3936-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 14 06:39:14 2024
 Quant Title :
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	7952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	14890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	10643	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	3139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5472	74.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.620%	
35) Dibromofluoromethane	7.622	113	4127	48.884	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.103	98	17599	56.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.402	95	4542	37.829	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.660%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.109	83	4966	32.484	ug/l	99
52) Toluene	10.170	92	4614	20.276	ug/l	93
67) Ethyl Benzene	11.518	91	14996	40.313	ug/l	100
68) m/p-Xylenes	11.621	106	25566	181.761	ug/l	94
69) o-Xylene	11.950	106	16700	121.403	ug/l	91
73) Isopropylbenzene	12.255	105	5271	23.146	ug/l	95
78) n-propylbenzene	12.597	91	13405	49.664	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	34277	185.150	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	95020	518.514	ug/l	97
85) sec-Butylbenzene	13.170	105	10915	44.830	ug/l	90
86) p-Isopropyltoluene	13.292	119	7854	39.428	ug/l	92
89) n-Butylbenzene	13.615	91	9512m	49.949	ug/l	

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

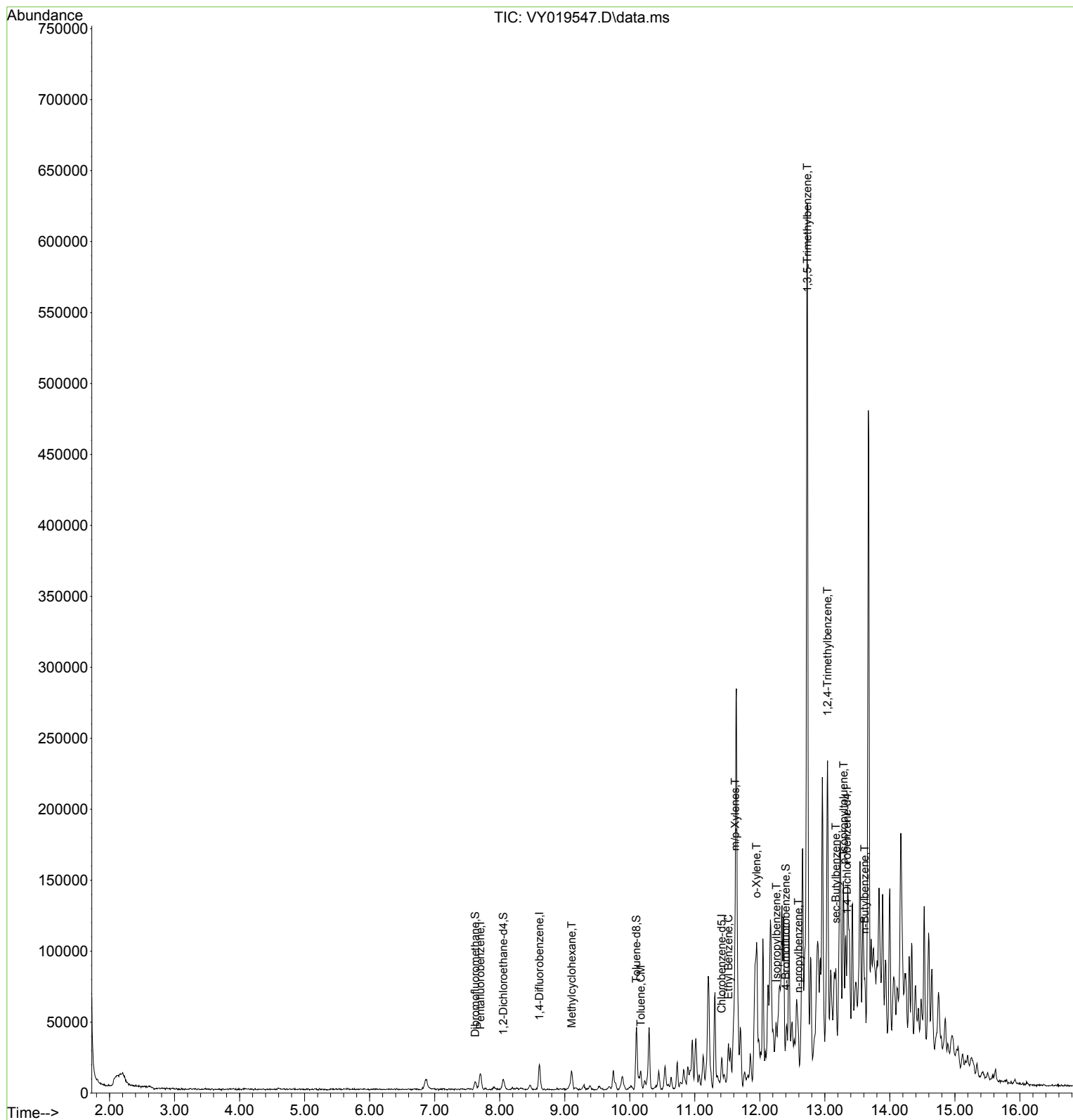
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019547.D
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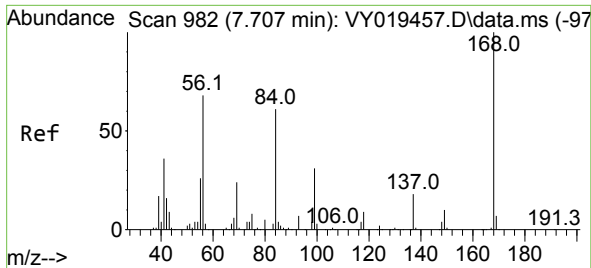
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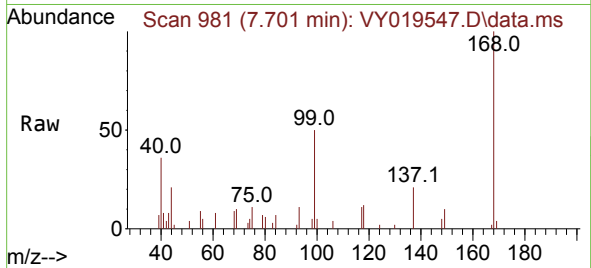
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

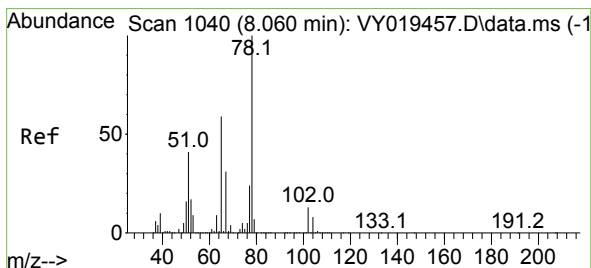
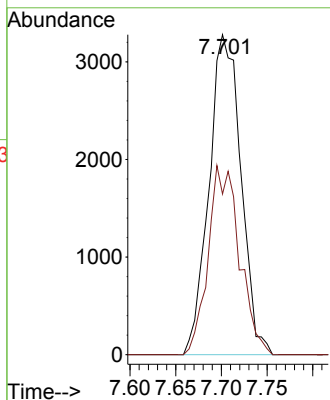
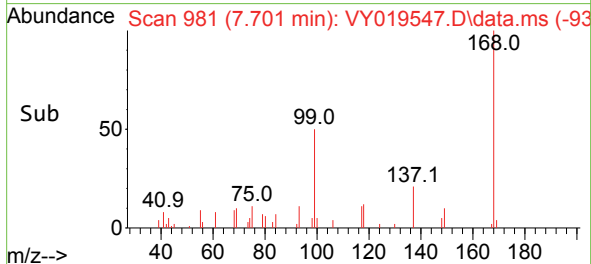
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP



Tgt Ion:168 Resp: 7952
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7

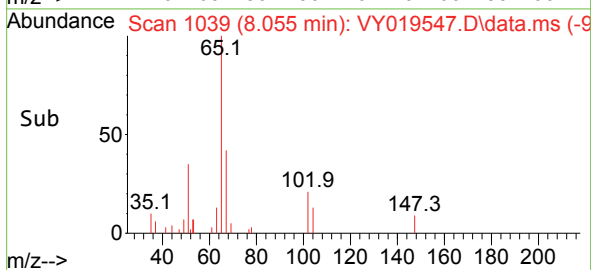
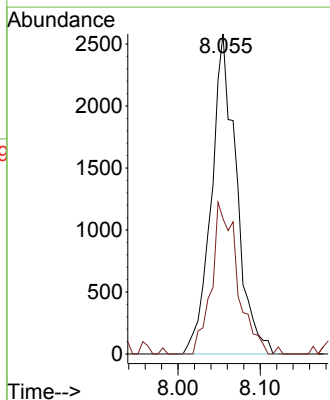
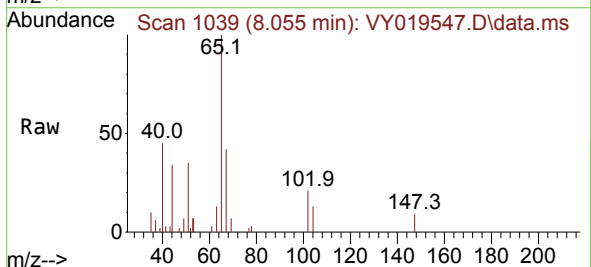
Manual Integrations
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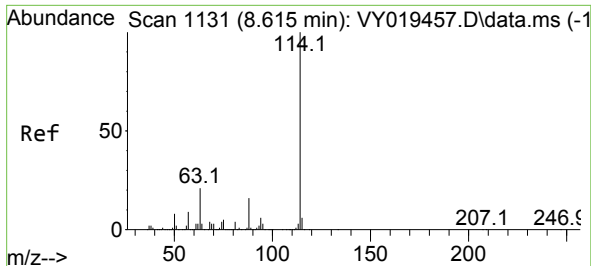
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#33
1,2-Dichloroethane-d4
Concen: 74.314 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 65 Resp: 5472
Ion Ratio Lower Upper
65 100
67 48.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019547.D

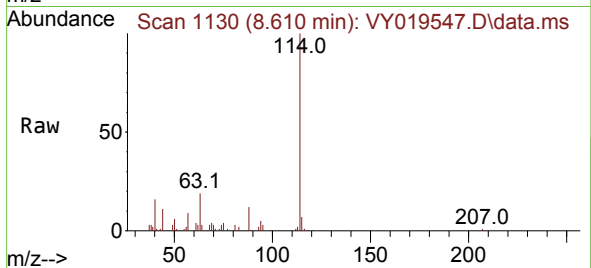
Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

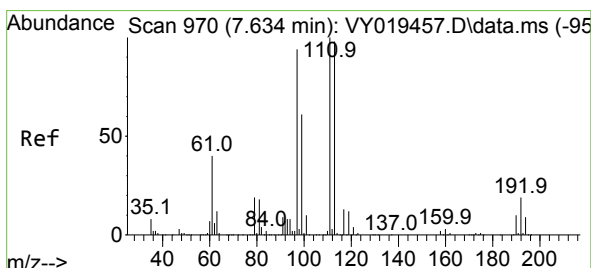
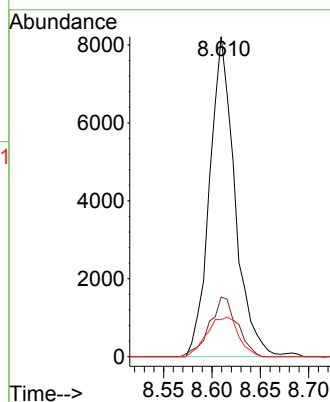
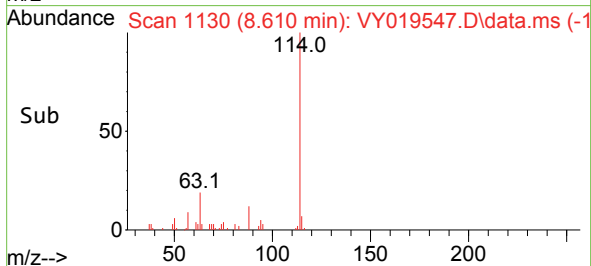


Tgt Ion:	114	Resp:	14890
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	35.0
88	11.6	0.0	27.2

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#35

Dibromofluoromethane

Concen: 48.884 ug/l

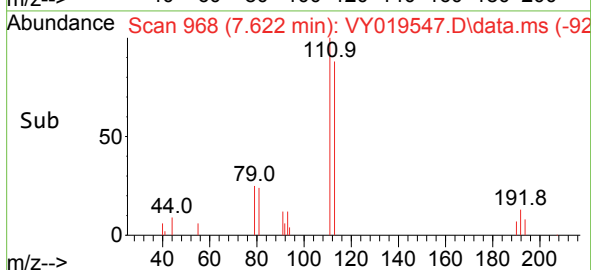
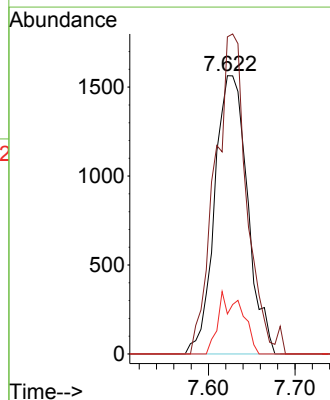
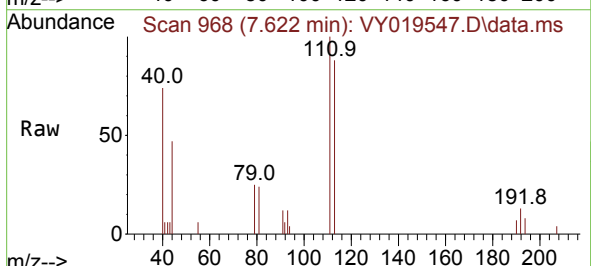
RT: 7.622 min Scan# 968

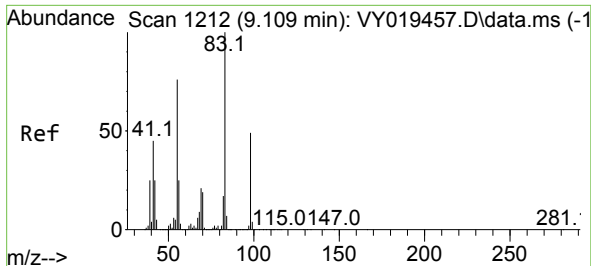
Delta R.T. -0.012 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Tgt Ion:	113	Resp:	4127
Ion Ratio	Lower	Upper	
113	100		
111	110.4	82.2	123.4
192	16.1	15.9	23.9





#39

Methylcyclohexane

Concen: 32.484 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY019547.D

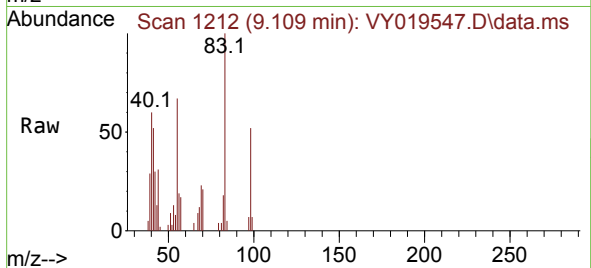
Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

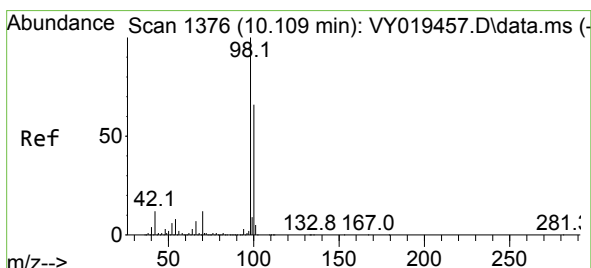
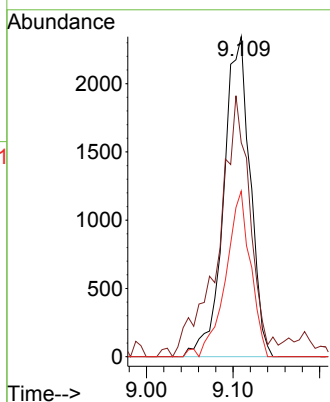
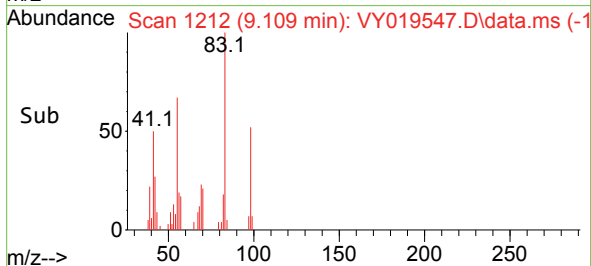


Tgt Ion: 83	Resp: 4960
Ion Ratio	Lower Upper
83 100	
55 63.8	51.5 77.3
98 51.7	40.5 60.7

Manual Integrations

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#50

Toluene-d8

Concen: 56.360 ug/l

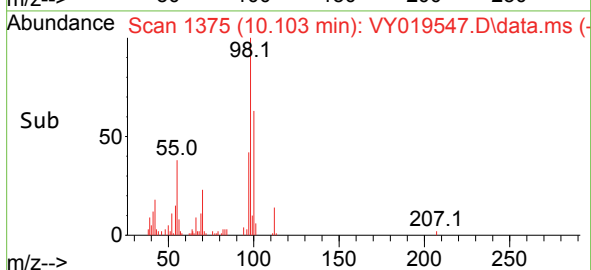
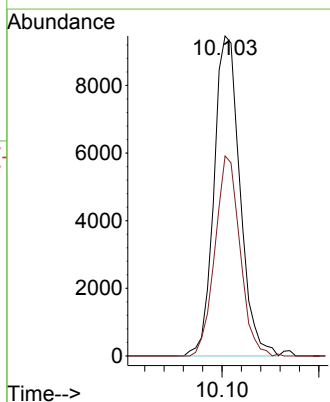
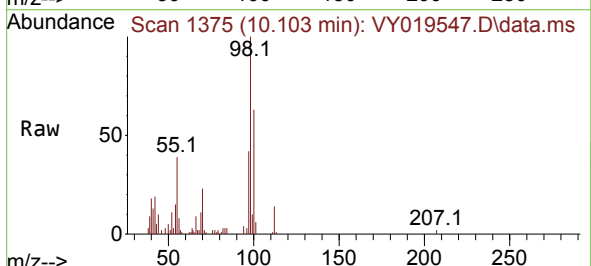
RT: 10.103 min Scan# 1375

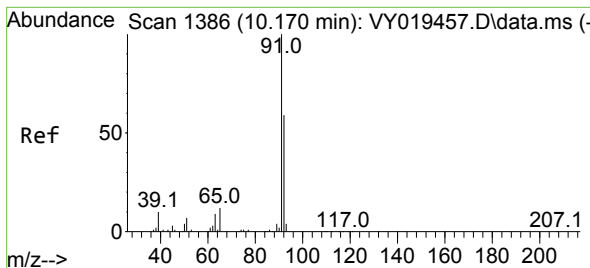
Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

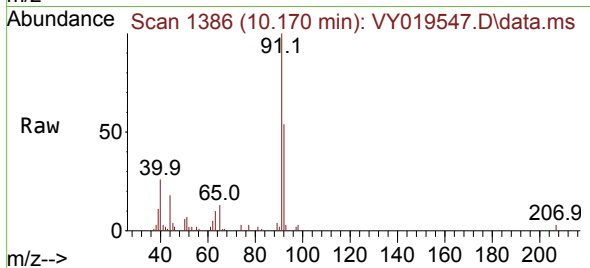
Tgt Ion: 98	Resp: 17599
Ion Ratio	Lower Upper
98 100	
100 60.3	52.0 78.0





#52
Toluene
Concen: 20.276 ug/l
RT: 10.170 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

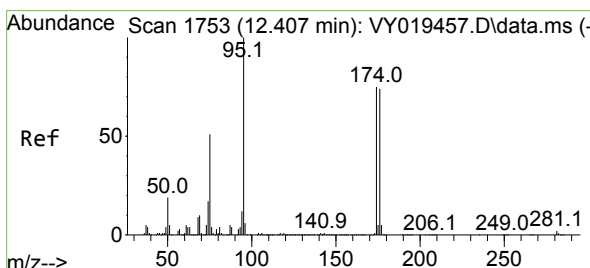
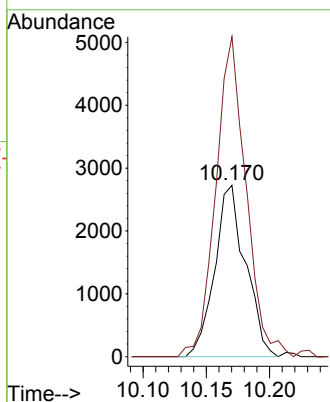
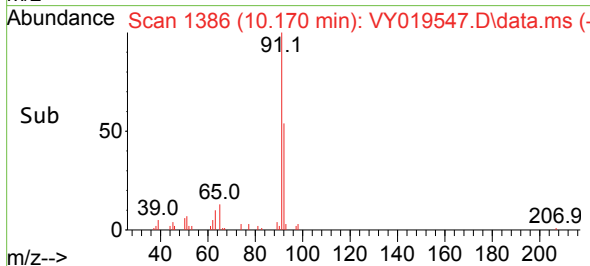
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP



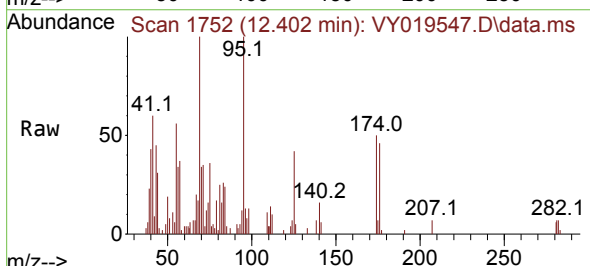
Tgt Ion: 92 Resp: 4614
Ion Ratio Lower Upper
92 100
91 182.9 139.0 208.6

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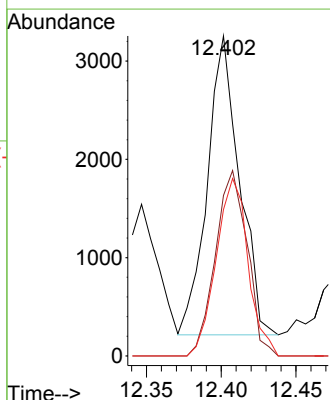
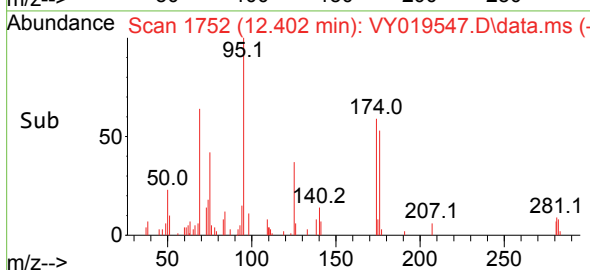
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

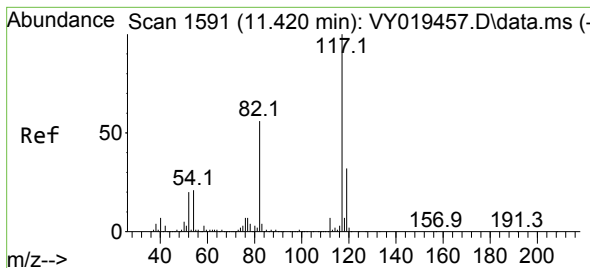


#62
4-Bromofluorobenzene
Concen: 37.829 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19



Tgt Ion: 95 Resp: 4542
Ion Ratio Lower Upper
95 100
174 61.3 0.0 175.6
176 59.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

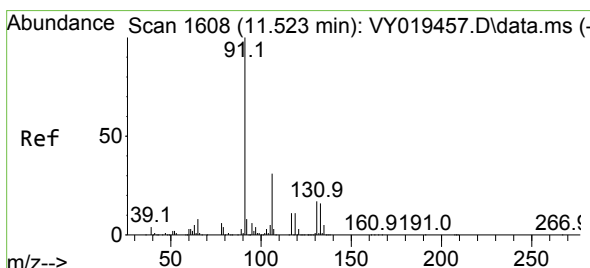
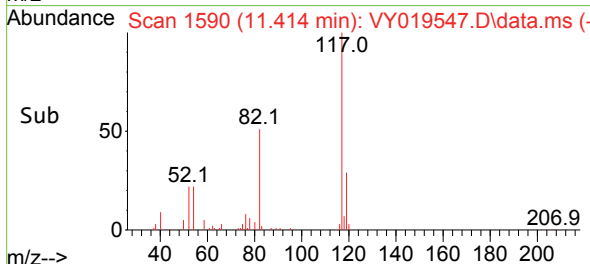
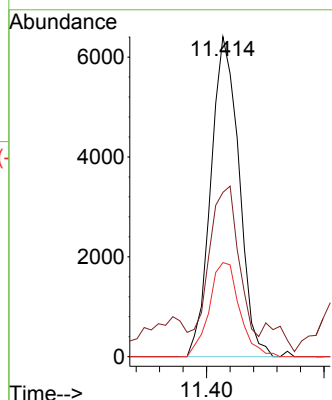
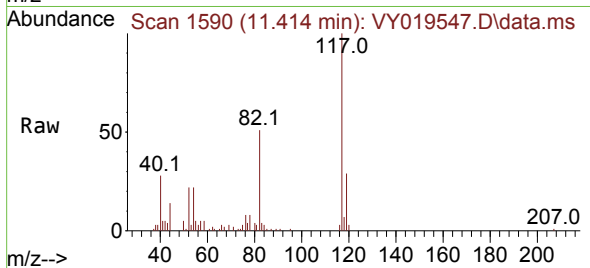
Tgt Ion:	117	Resp:	1064
Ion Ratio	Lower	Upper	
117	100		
82	41.8	42.4	63.6
119	29.4	25.9	38.9

Manual Integrations

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#67

Ethyl Benzene

Concen: 40.313 ug/l

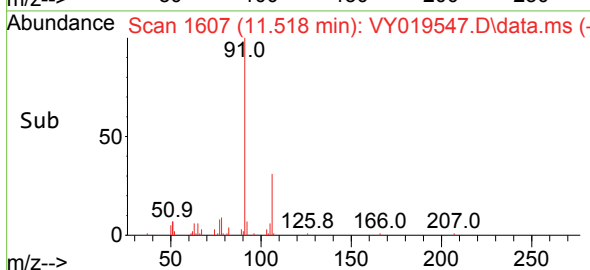
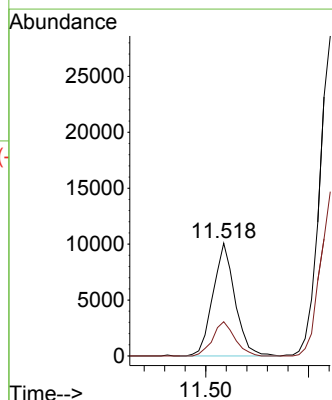
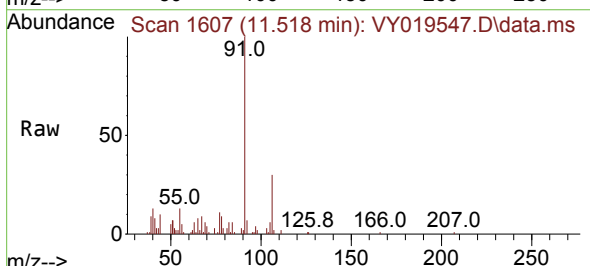
RT: 11.518 min Scan# 1607

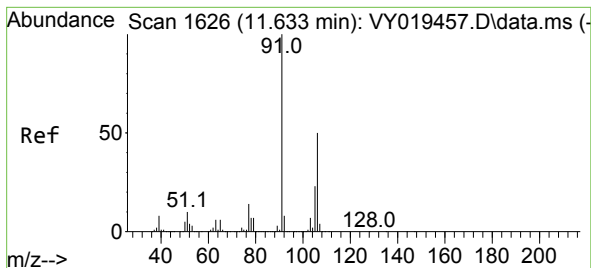
Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

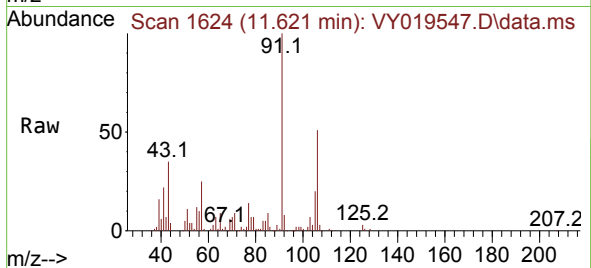
Tgt Ion:	91	Resp:	14996
Ion Ratio	Lower	Upper	
91	100		
106	30.4	24.5	36.7





#68
m/p-Xylenes
Concen: 181.761 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

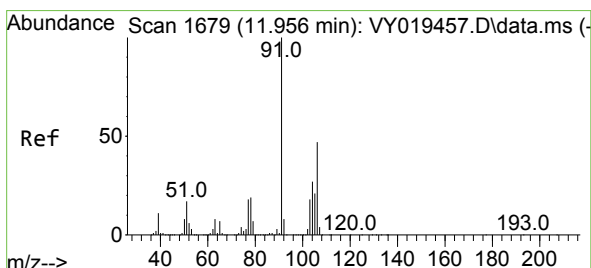
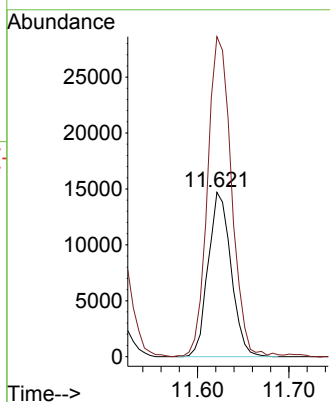
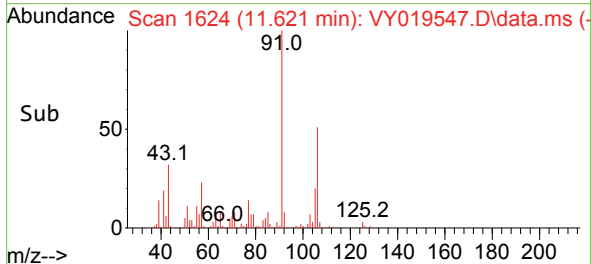
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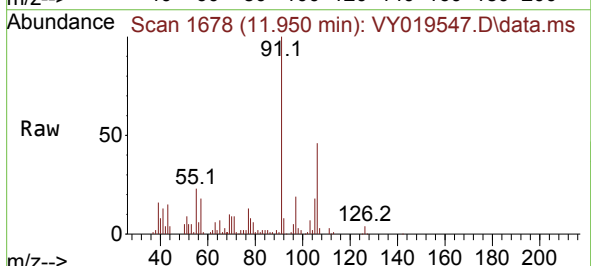
Tgt Ion:106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 204.2 156.0 234.0

Manual Integrations
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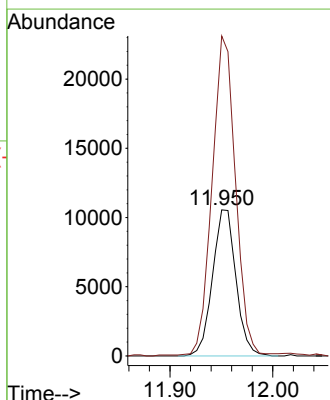
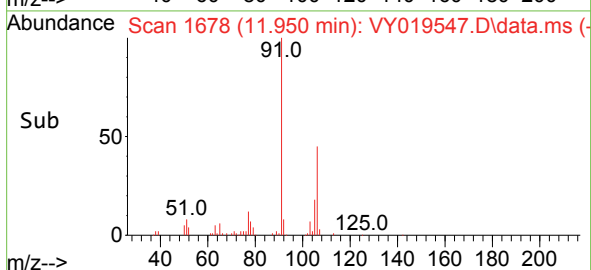
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

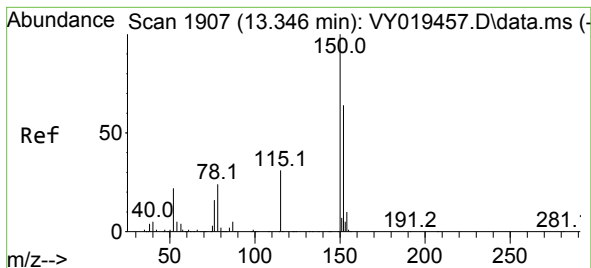


#69
o-Xylene
Concen: 121.403 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19



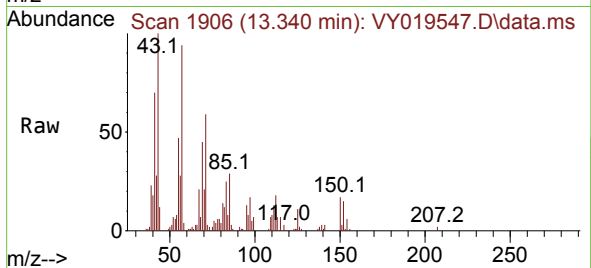
Tgt Ion:106 Resp: 16700
Ion Ratio Lower Upper
106 100
91 220.5 103.6 310.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

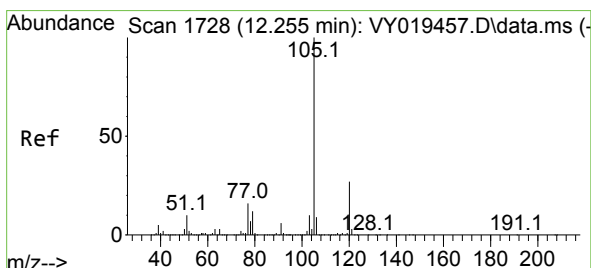
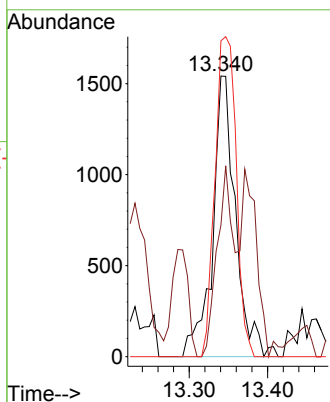
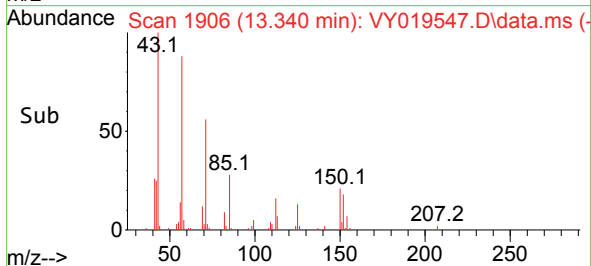
Instrument :
MSVOA_Y
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DRUM-COMP



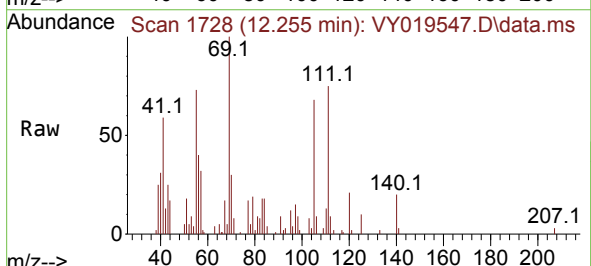
Tgt Ion:152 Resp: 3139
Ion Ratio Lower Upper
152 100
115 46.8 28.2 84.7
150 105.5 0.0 345.6

Manual Integrations
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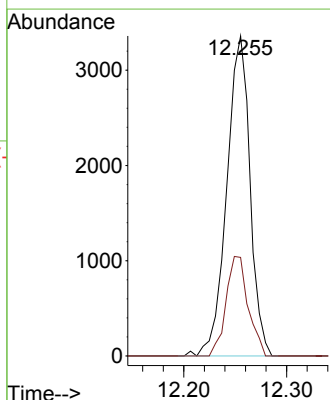
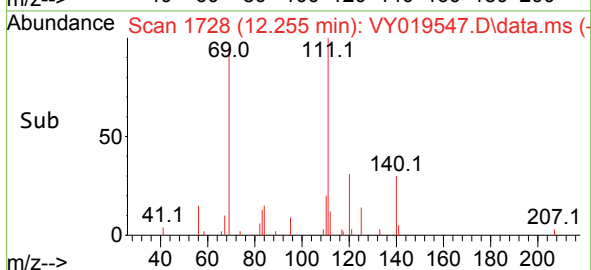
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

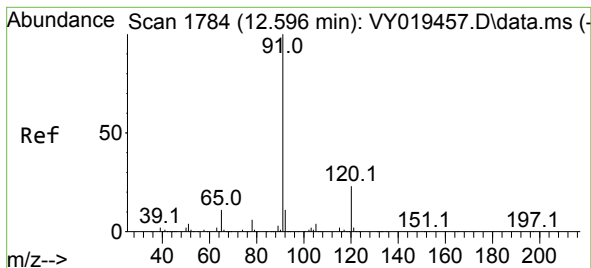


#73
Isopropylbenzene
Concen: 23.146 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19



Tgt Ion:105 Resp: 5271
Ion Ratio Lower Upper
105 100
120 29.5 13.4 40.1





#78

n-propylbenzene

Concen: 49.664 ug/l

RT: 12.597 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

Tgt Ion: 91 Resp: 1340

Ion Ratio Lower Upper

91 100

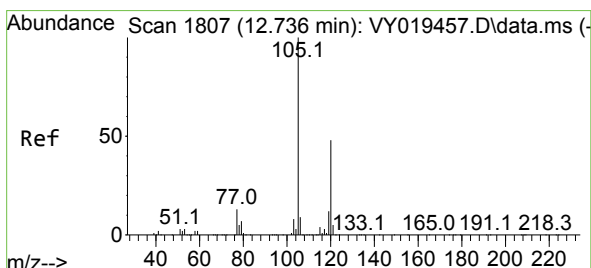
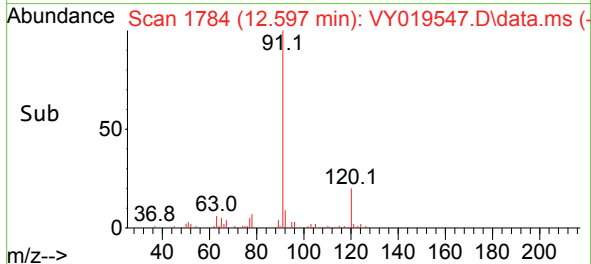
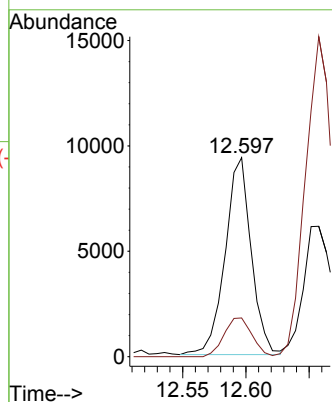
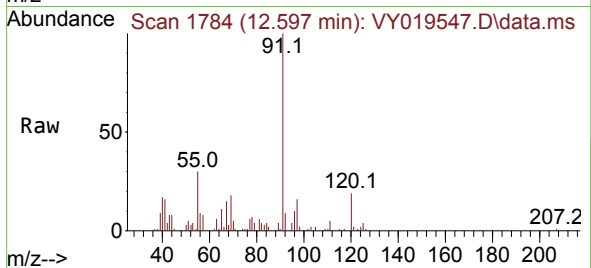
120 21.1 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#80

1,3,5-Trimethylbenzene

Concen: 185.150 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019547.D

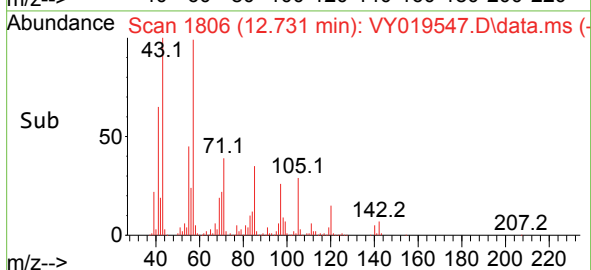
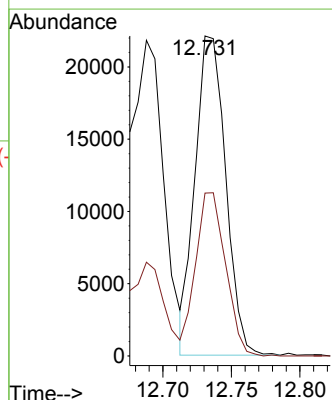
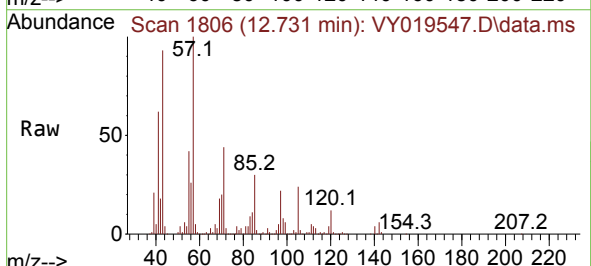
Acq: 13 Sep 2024 18:19

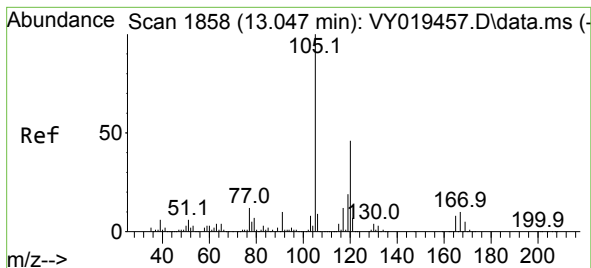
Tgt Ion:105 Resp: 34277

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 518.514 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

Tgt Ion:105 Resp: 95020

Ion Ratio Lower Upper

105 100

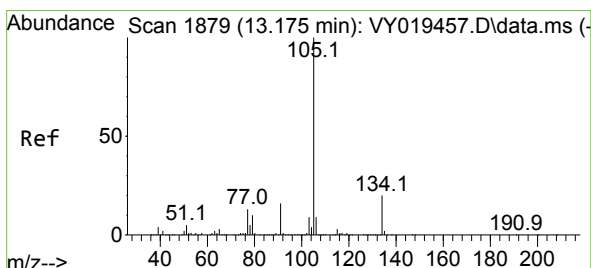
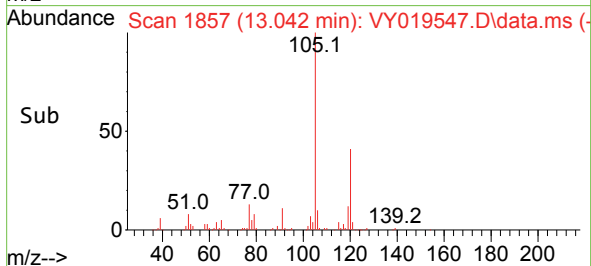
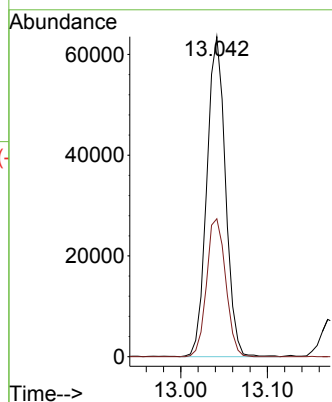
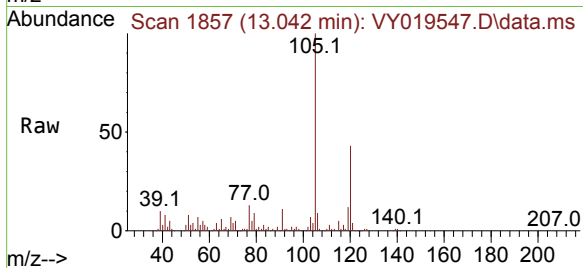
120 44.1 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#85

sec-Butylbenzene

Concen: 44.830 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY019547.D

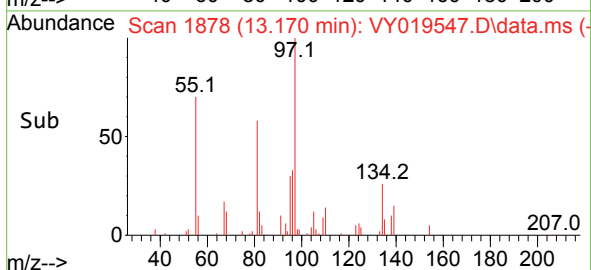
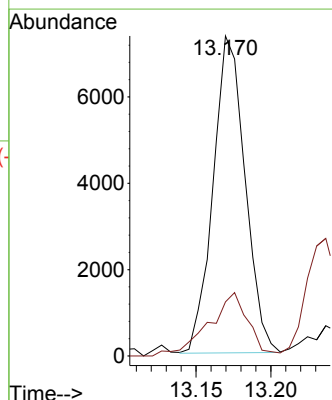
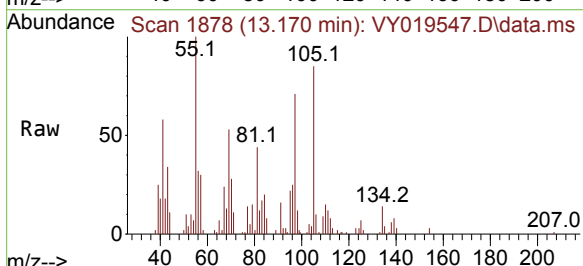
Acq: 13 Sep 2024 18:19

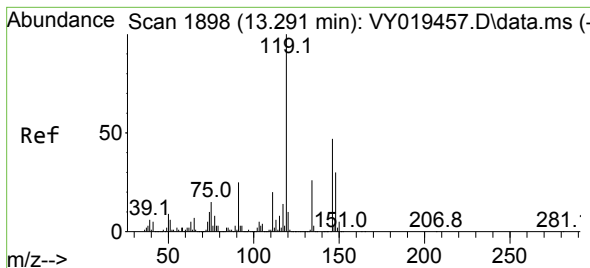
Tgt Ion:105 Resp: 10915

Ion Ratio Lower Upper

105 100

134 24.8 10.1 30.1





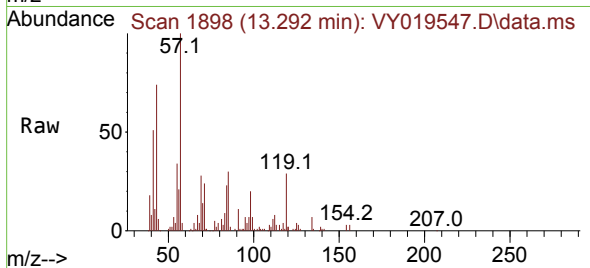
#86
p-Isopropyltoluene
Concen: 39.428 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

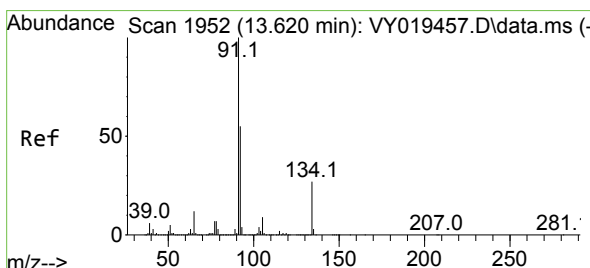
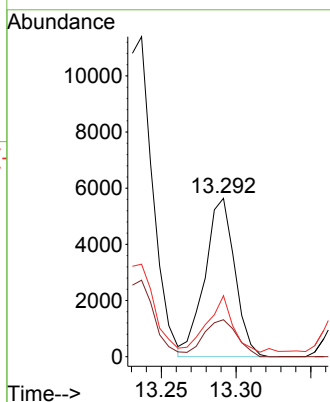
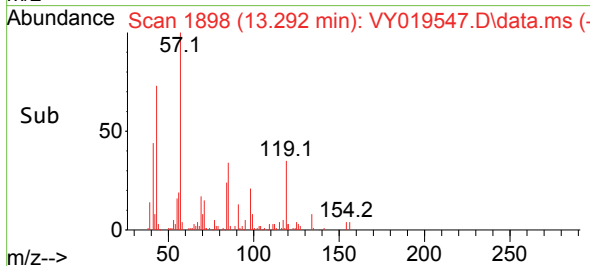


Tgt Ion:119 Resp: 7854
Ion Ratio Lower Upper
119 100
134 25.6 13.1 39.3
91 29.1 10.7 32.1

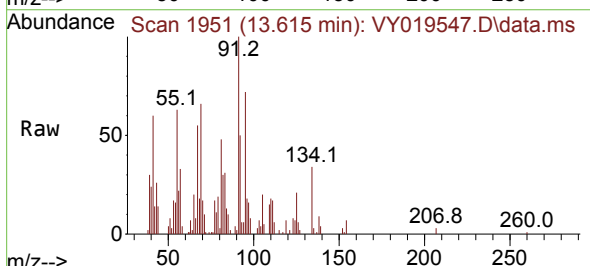
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#89
n-Butylbenzene
Concen: 49.949 ug/l m
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19



Tgt Ion: 91 Resp: 9512
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#

