

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018050.D
 Acq On : 25 Apr 2024 14:53
 Operator : SY/MD
 Sample : P2262-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-04242024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 26 02:02:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	303641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	529277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	498734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129607	49.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.640%		
35) Dibromofluoromethane	7.722	113	163782	50.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.320%		
50) Toluene-d8	10.185	98	612868	49.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.483	95	196755	51.274	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.540%		
Target Compounds					Qvalue	
20) Methylene Chloride	4.716	84	22117	6.288	ug/l	96
67) Ethyl Benzene	11.599	91	20186	1.097	ug/l	98
68) m/p-Xylenes	11.703	106	26023	3.681	ug/l	99
69) o-Xylene	12.032	106	27136	4.111	ug/l	96
78) n-propylbenzene	12.678	91	51150	2.635	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	81783	6.445	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	253769	20.083	ug/l	97
85) sec-Butylbenzene	13.257	105	32025	1.840	ug/l	86
86) p-Isopropyltoluene	13.373	119	19355	1.353	ug/l	99
89) n-Butylbenzene	13.696	91	41504m	3.084	ug/l	

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

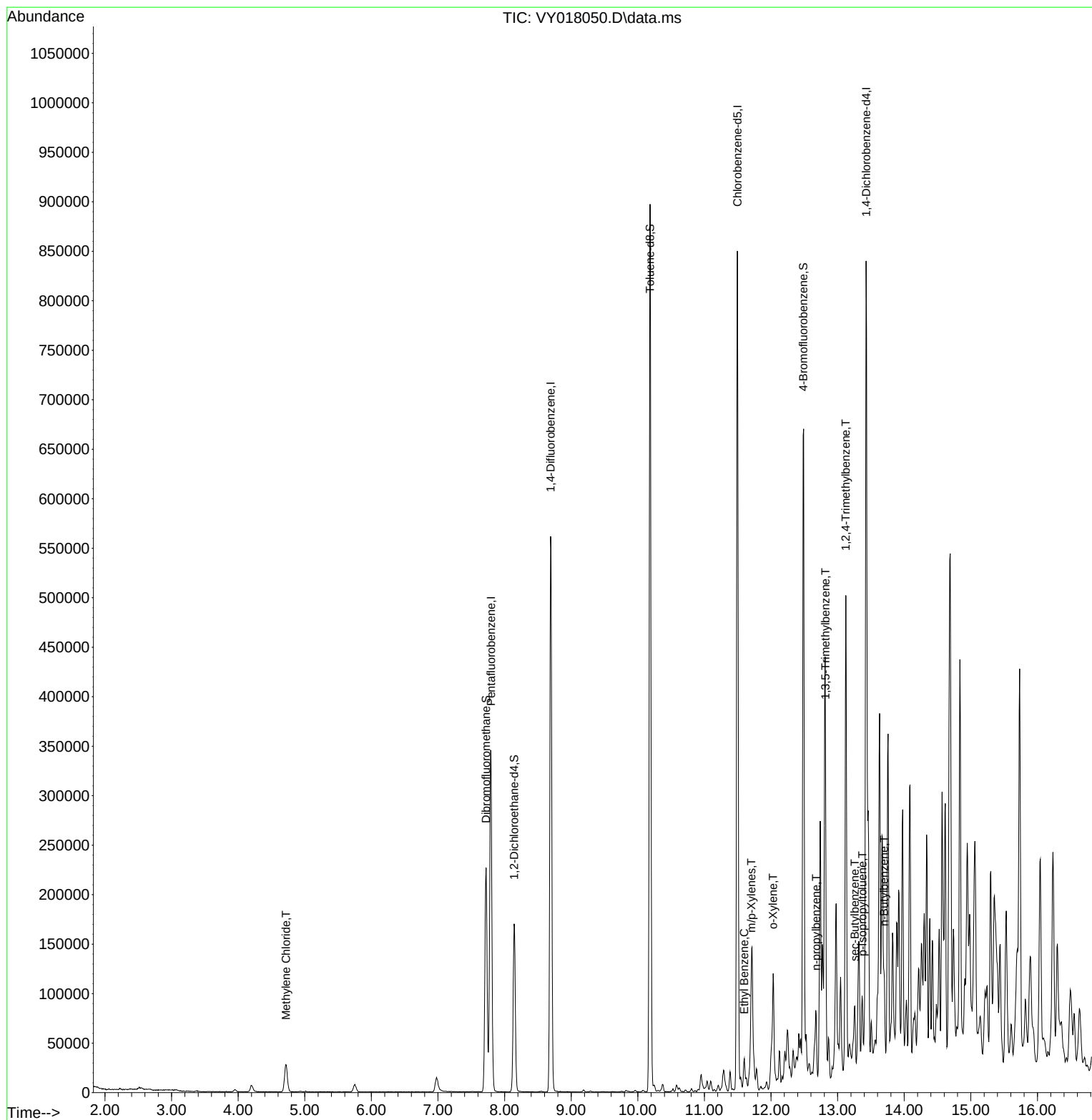
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
Data File : VY018050.D
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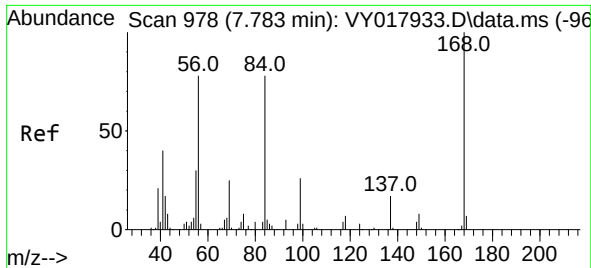
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Quant Time: Apr 26 02:02:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
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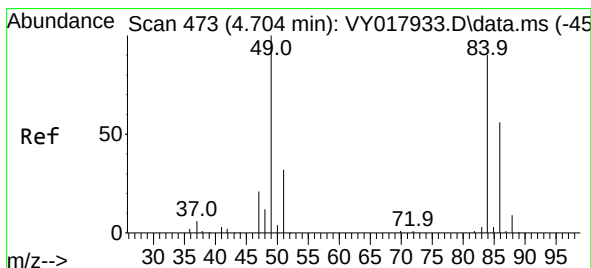
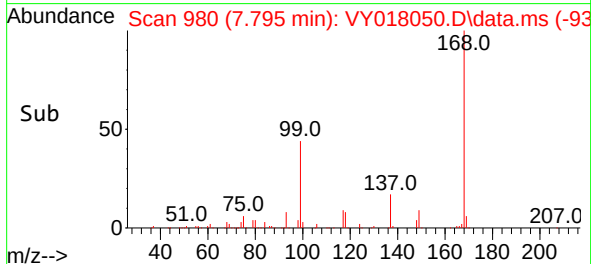
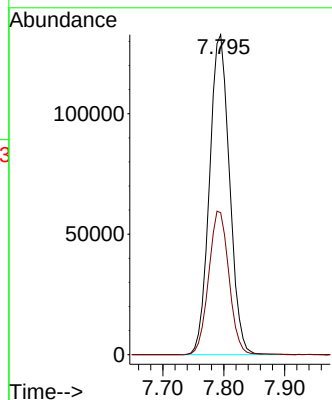
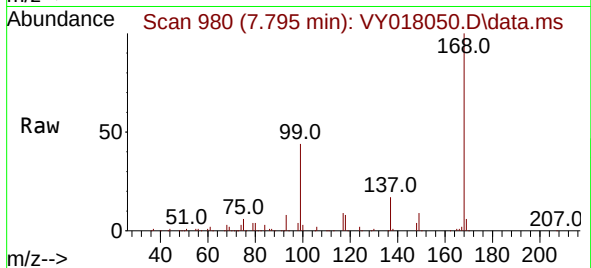
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Tgt Ion:168 Resp: 30364
Ion Ratio Lower Upper
168 100
99 44.3 39.1 58.7

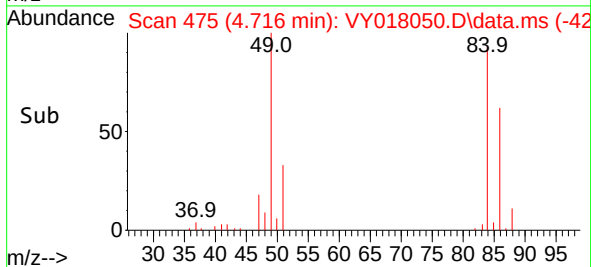
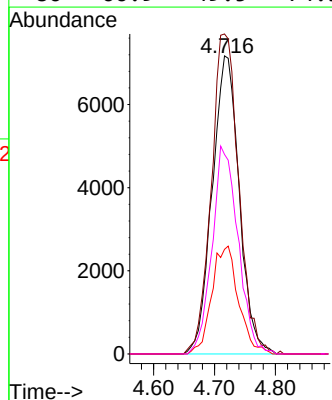
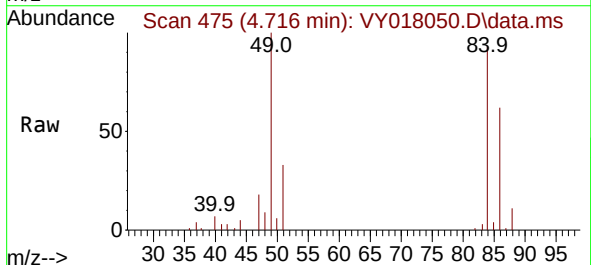
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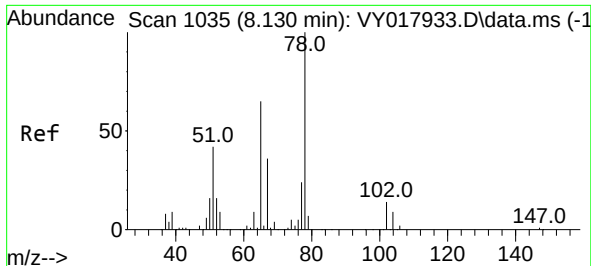
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#20
Methylene Chloride
Concen: 6.288 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Tgt Ion: 84 Resp: 22117
Ion Ratio Lower Upper
84 100
49 107.3 84.4 126.6
51 35.1 26.0 39.0
86 66.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.325 ug/l

RT: 8.143 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018050.D

Acq: 25 Apr 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024

Tgt Ion: 65 Resp: 12960

Ion Ratio Lower Upper

65 100

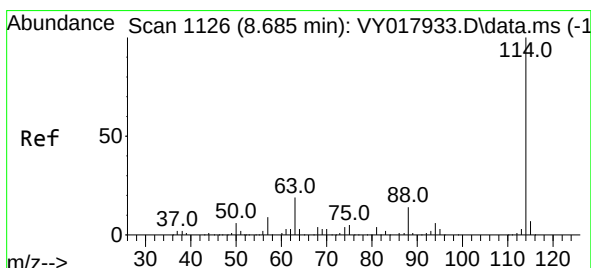
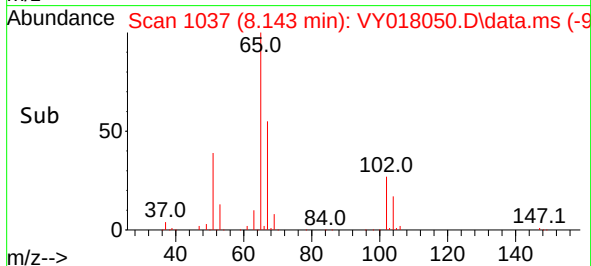
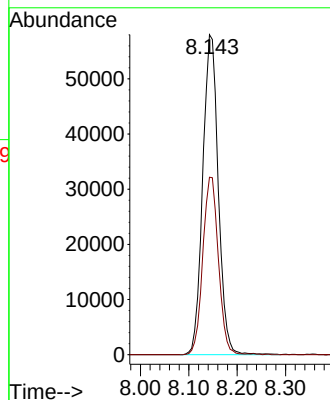
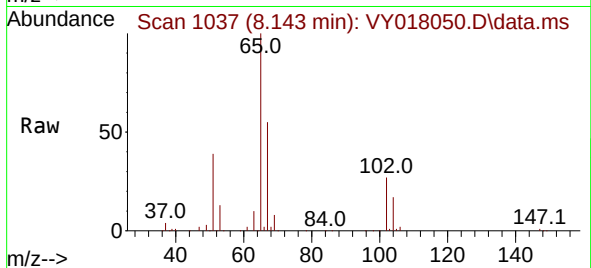
67 55.6 0.0 109.6

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: VY018050.D

Acq: 25 Apr 2024 14:53

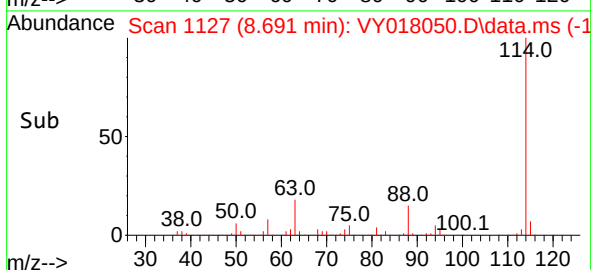
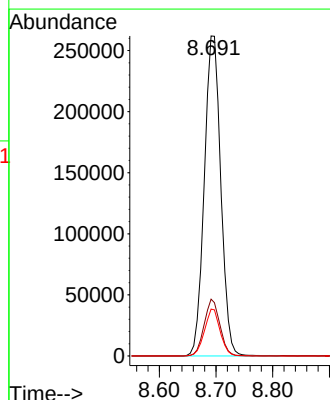
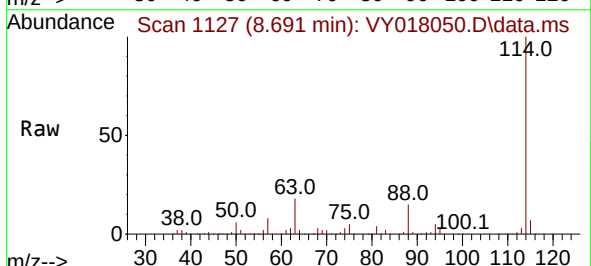
Tgt Ion:114 Resp: 529277

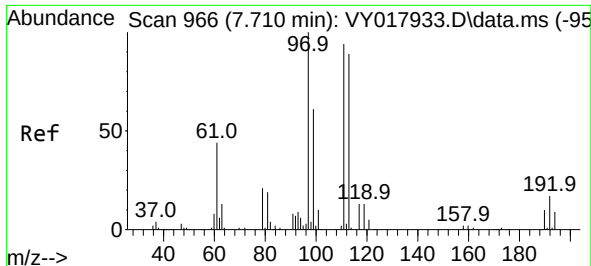
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

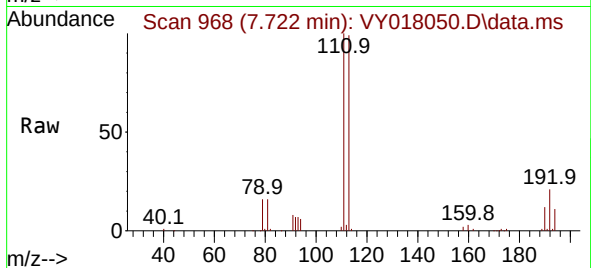
88 14.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 50.158 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

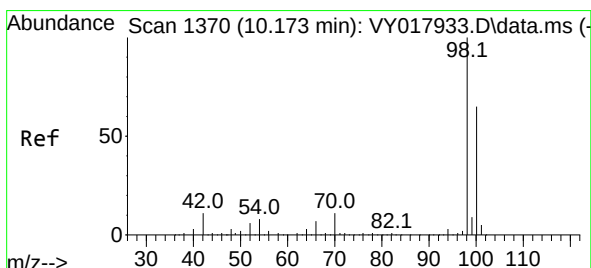
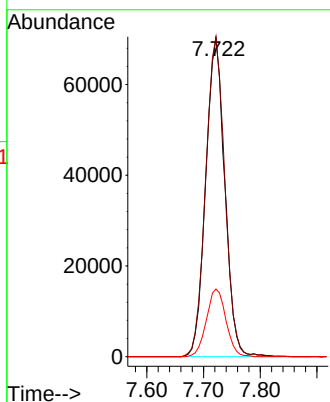
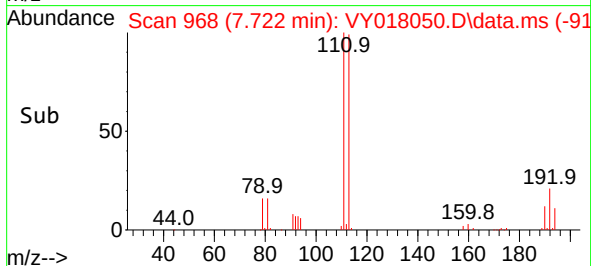
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



Tgt Ion:113 Resp: 16378
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.8 15.9 23.9

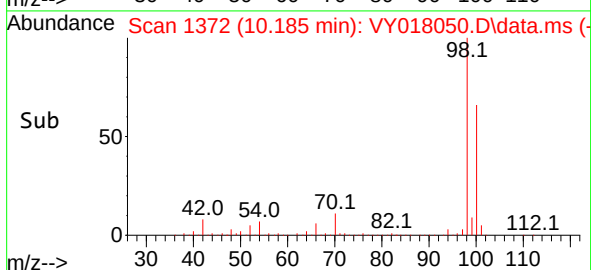
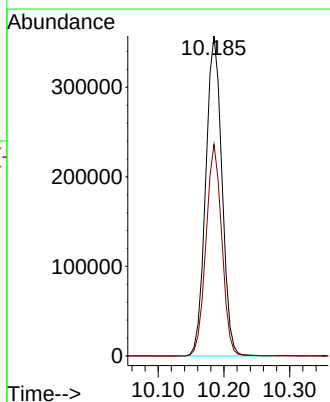
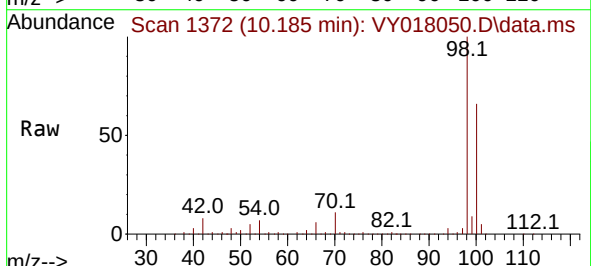
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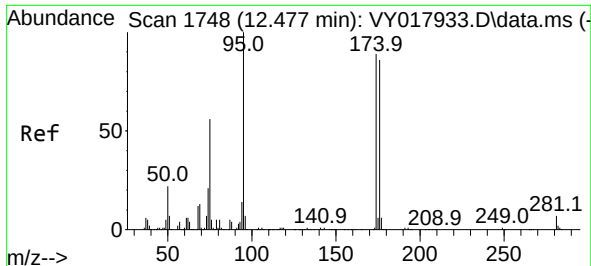
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

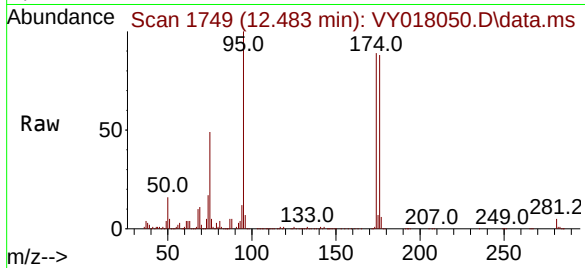
Tgt Ion: 98 Resp: 612868
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 51.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

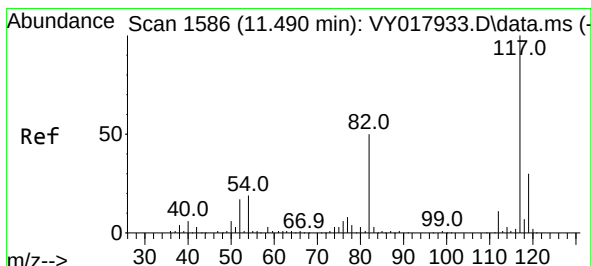
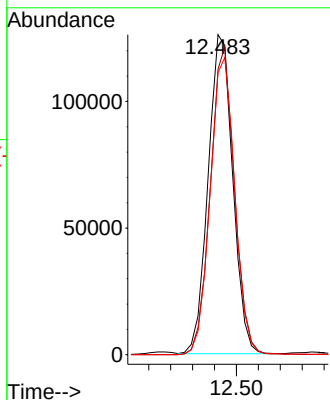
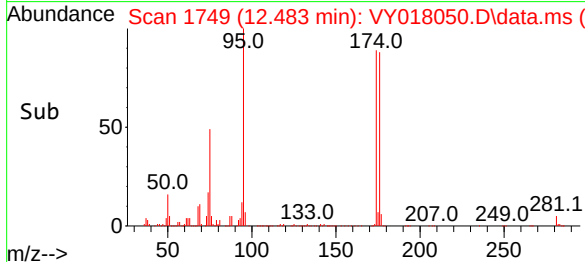
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



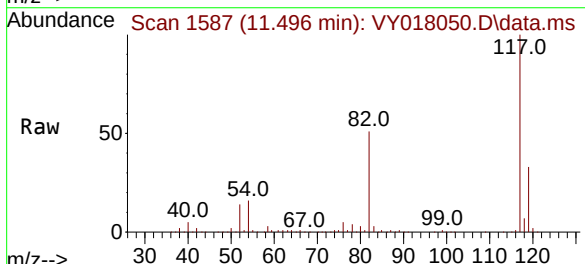
Tgt Ion: 95 Resp: 19675
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 93.0 0.0 171.4

Manual Integrations
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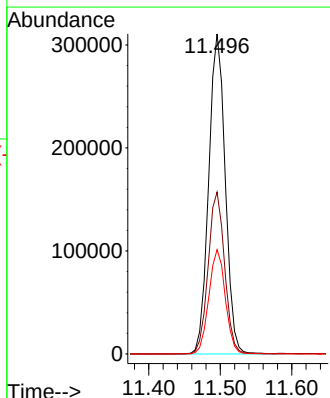
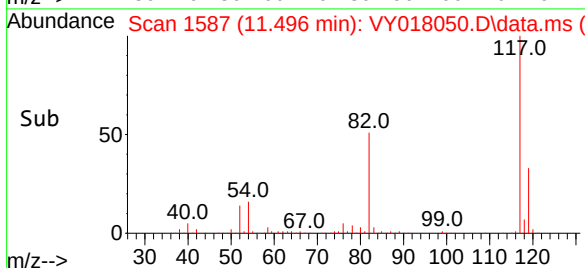
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024

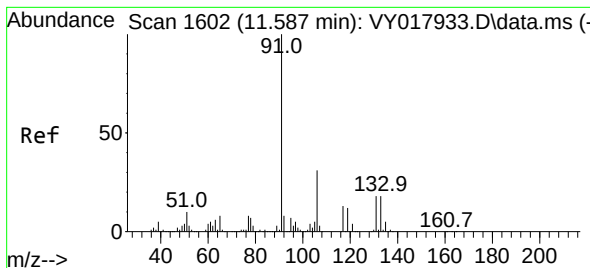


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53



Tgt Ion:117 Resp: 498734
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 32.6 25.9 38.9





#67

Ethyl Benzene

Concen: 1.097 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY018050.D

Acq: 25 Apr 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024

Tgt Ion: 91 Resp: 20180

Ion Ratio Lower Upper

91 100

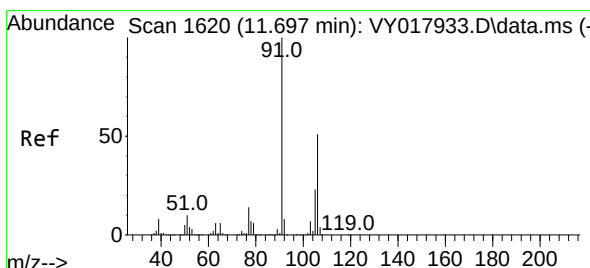
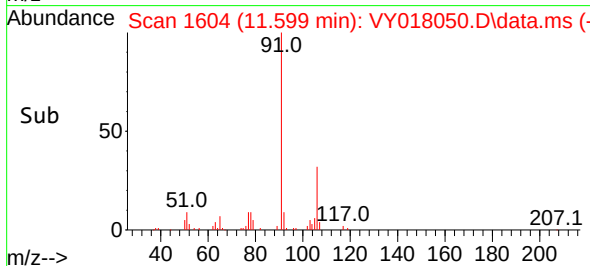
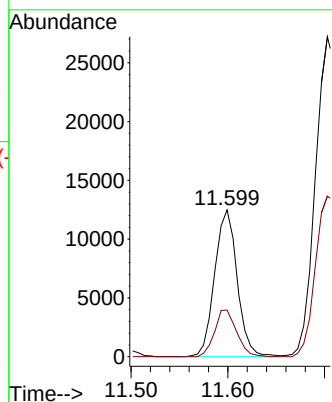
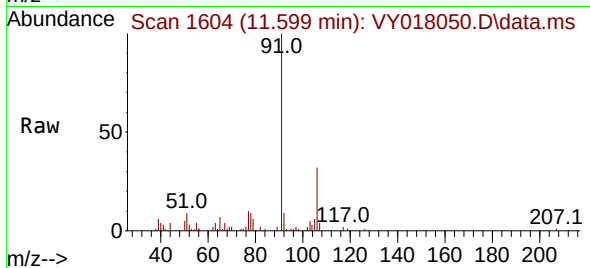
106 31.7 24.5 36.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/26/2024



#68

m/p-Xylenes

Concen: 3.681 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018050.D

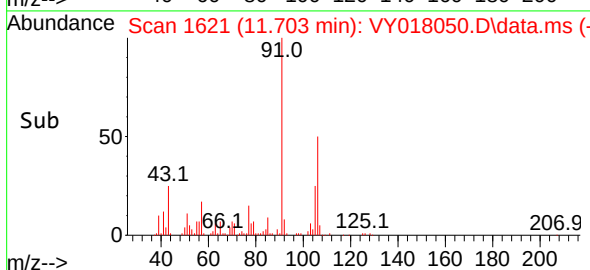
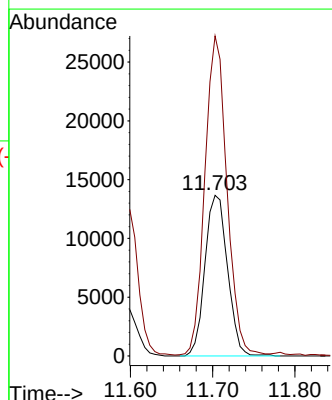
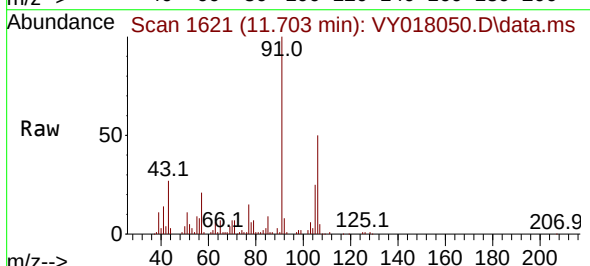
Acq: 25 Apr 2024 14:53

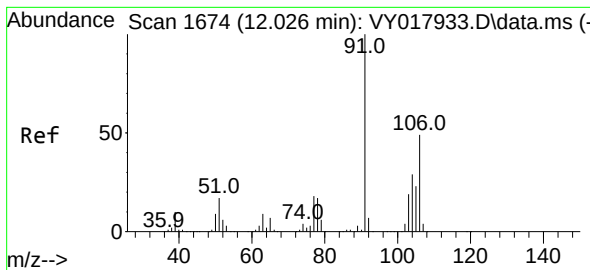
Tgt Ion:106 Resp: 26023

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0





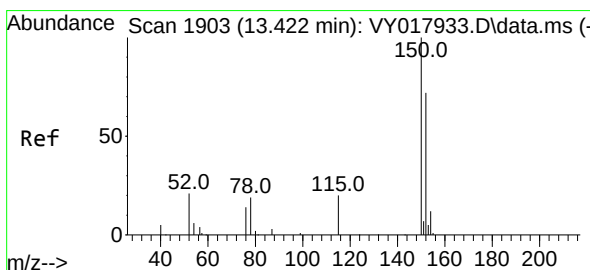
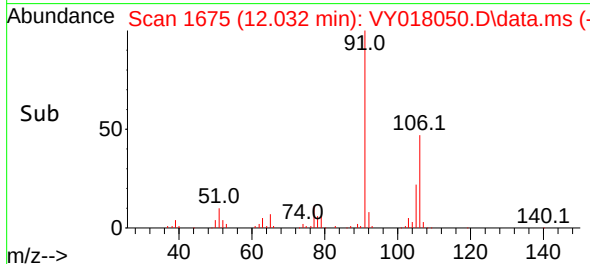
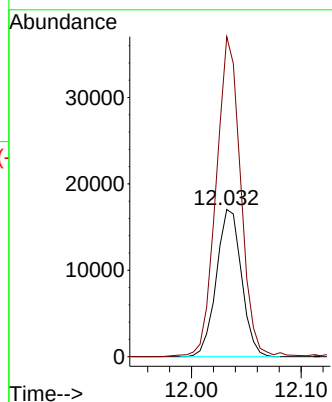
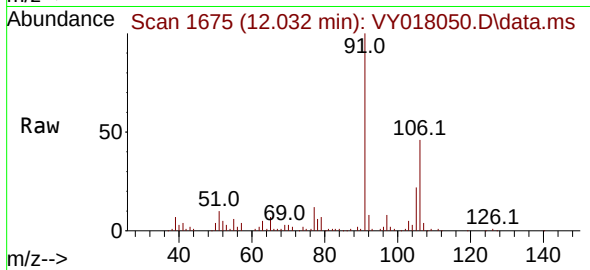
#69
o-Xylene
Concen: 4.111 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Tgt Ion:106 Resp: 27130
Ion Ratio Lower Upper
106 100
91 213.1 103.6 310.8

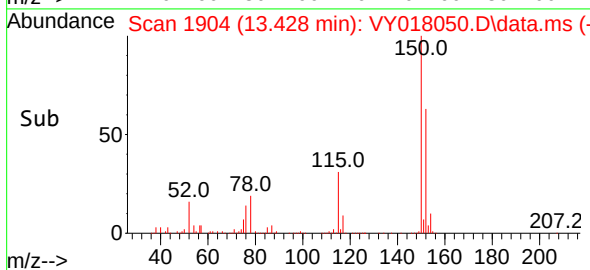
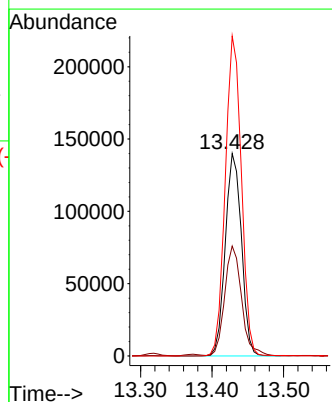
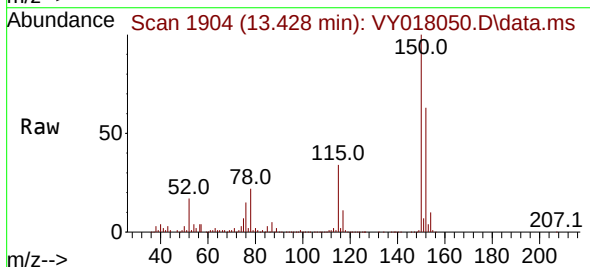
Manual Integrations
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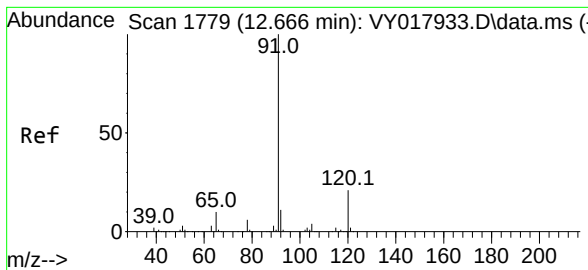
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Tgt Ion:152 Resp: 219607
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.3 0.0 345.6





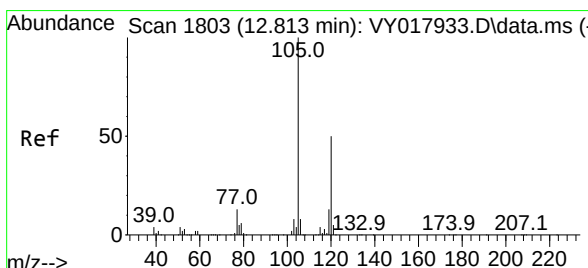
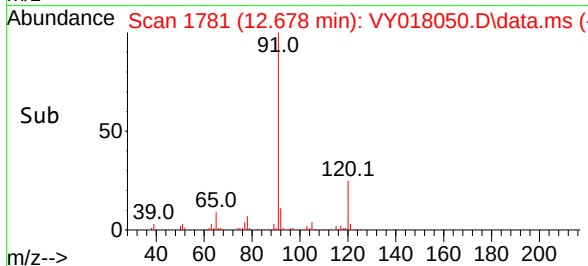
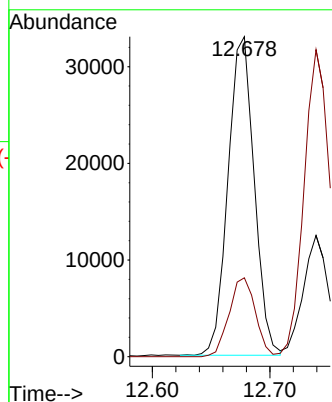
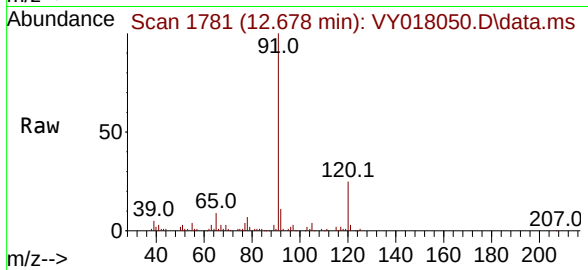
#78
n-propylbenzene
Concen: 2.635 ug/l
RT: 12.678 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Instrument : MSVOA_Y
ClientSampleId : HR-03-04242024

Tgt Ion: 91 Resp: 51150
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4

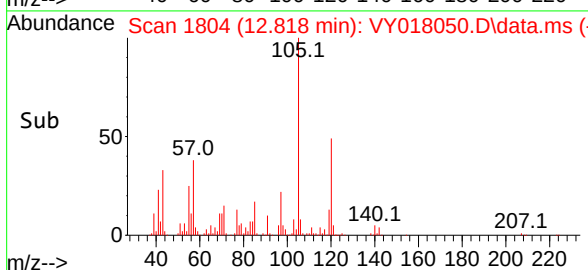
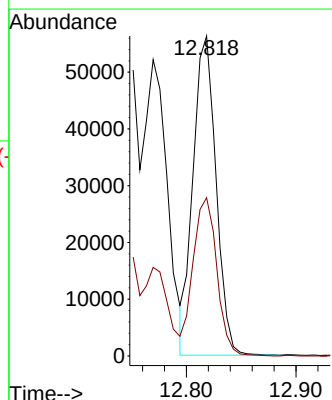
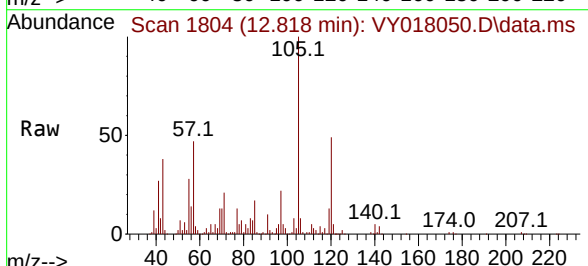
Manual Integrations
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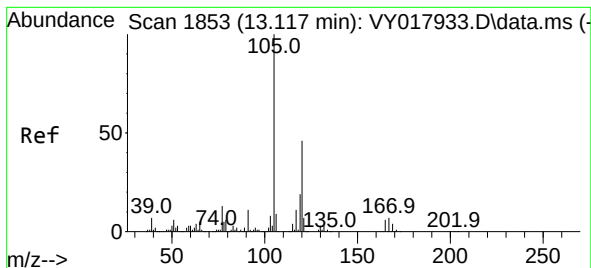
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 6.445 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

Tgt Ion:105 Resp: 81783
Ion Ratio Lower Upper
105 100
120 51.6 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 20.083 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018050.D

Acq: 25 Apr 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024

Tgt Ion:105 Resp: 253769

Ion Ratio Lower Upper

105 100

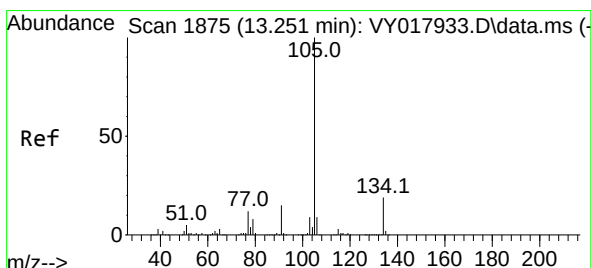
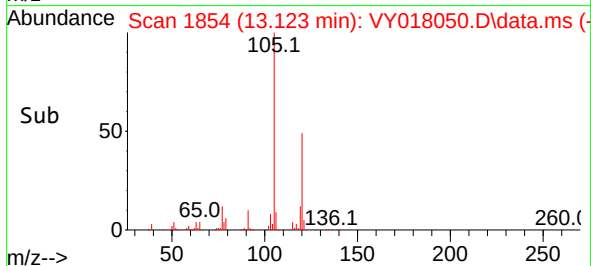
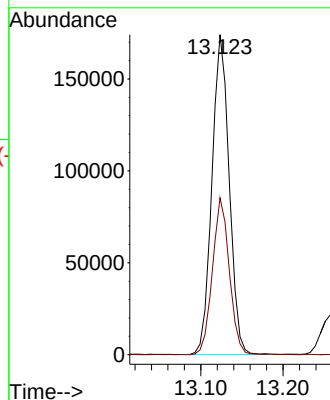
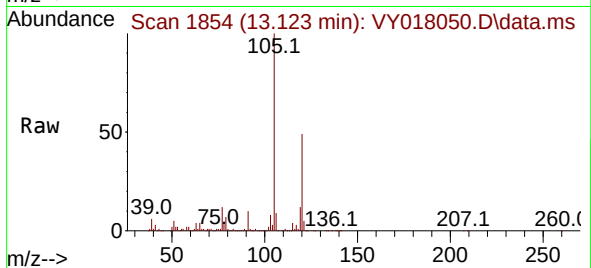
120 48.1 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024

Supervised By :Semsettin Yesilyurt 04/26/2024



#85

sec-Butylbenzene

Concen: 1.840 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY018050.D

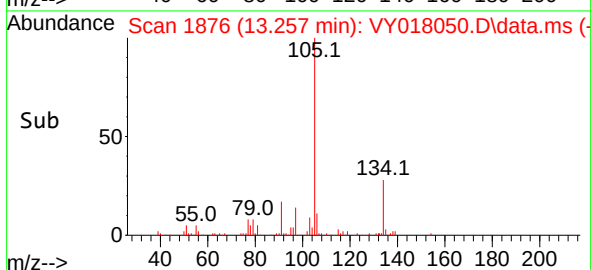
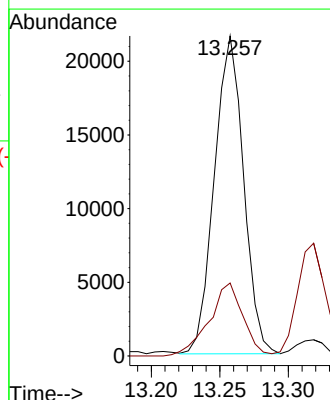
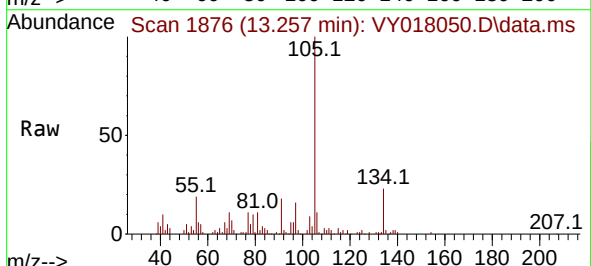
Acq: 25 Apr 2024 14:53

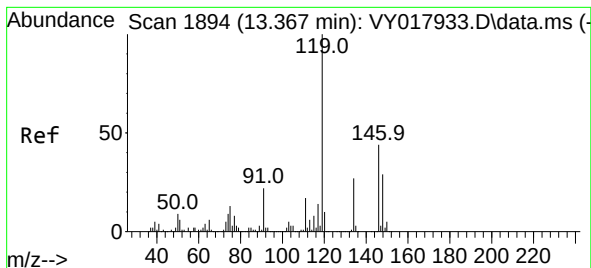
Tgt Ion:105 Resp: 32025

Ion Ratio Lower Upper

105 100

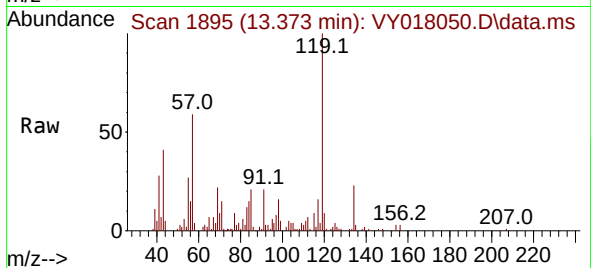
134 26.5 10.1 30.1





#86
p-Isopropyltoluene
Concen: 1.353 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53

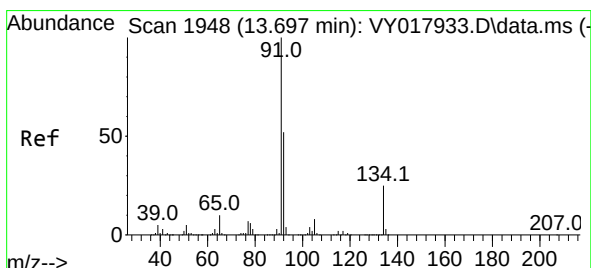
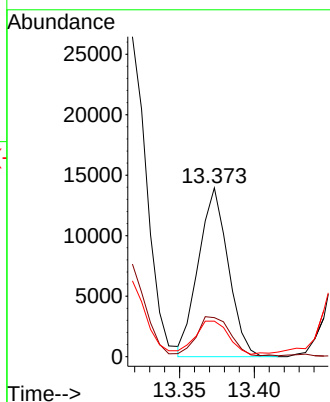
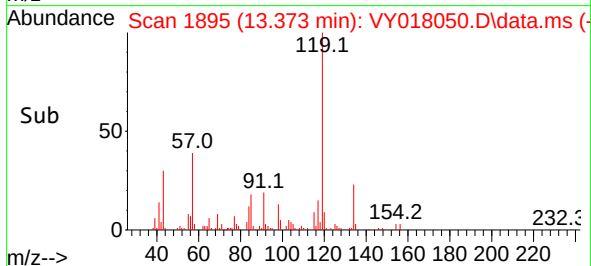
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



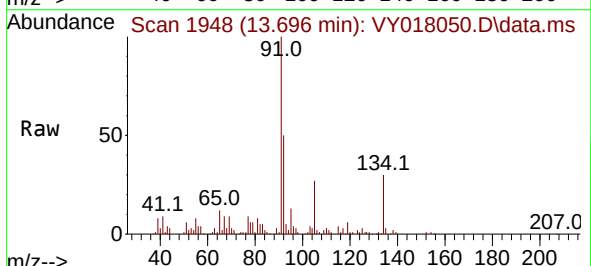
Tgt Ion: 119 Resp: 1935
Ion Ratio Lower Upper
119 100
134 26.1 13.1 39.3
91 20.1 10.7 32.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#89
n-Butylbenzene
Concen: 3.084 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018050.D
Acq: 25 Apr 2024 14:53



Tgt Ion: 91 Resp: 41504
Ion Ratio Lower Upper
91 100
92 55.2 26.6 79.7
134 0.0 12.9 38.7#

