

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018046.D
 Acq On : 25 Apr 2024 13:11
 Operator : SY/MD
 Sample : P2262-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 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 02:00:58 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	132197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60385	52.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.560%			
35) Dibromofluoromethane	7.722	113	69703	53.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.580%			
50) Toluene-d8	10.185	98	235043	47.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.600%			
62) 4-Bromofluorobenzene	12.483	95	72901	47.869	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.740%			
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2950	13.051	ug/l	92
67) Ethyl Benzene	11.599	91	7731	1.108	ug/l	100
68) m/p-Xylenes	11.703	106	9033	3.371	ug/l	99
69) o-Xylene	12.032	106	10302	4.117	ug/l	99
73) Isopropylbenzene	12.331	105	5899	1.006	ug/l	99
78) n-propylbenzene	12.678	91	21618	3.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	32184	6.919	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	86917	18.764	ug/l	97
85) sec-Butylbenzene	13.258	105	13383	2.097	ug/l	80
86) p-Isopropyltoluene	13.373	119	8033	1.532	ug/l	92
89) n-Butylbenzene	13.703	91	17677m	3.583	ug/l	

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

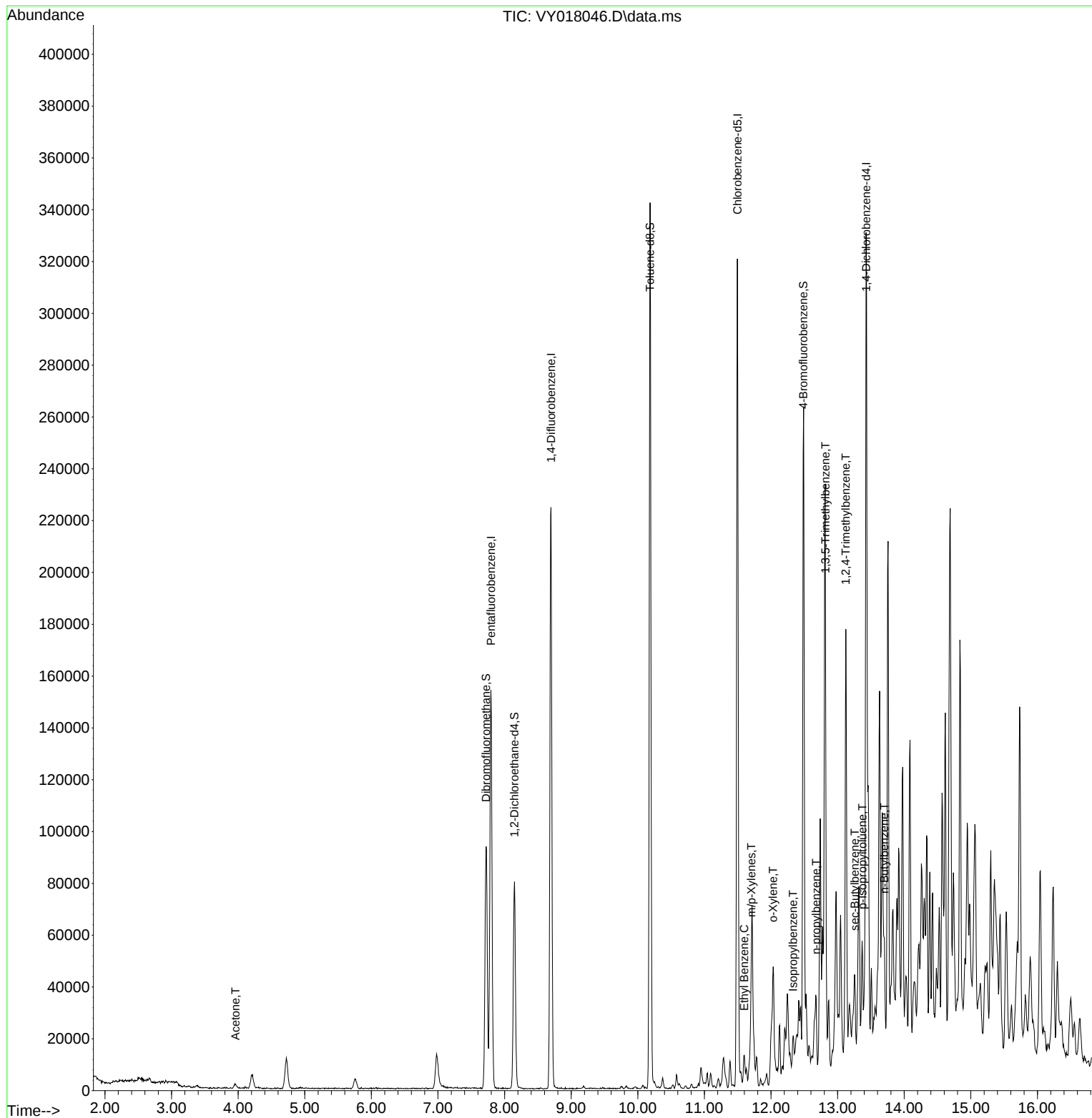
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
Data File : VY018046.D
Acq On : 25 Apr 2024 13:11
Operator : SY/MD
Sample : P2262-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

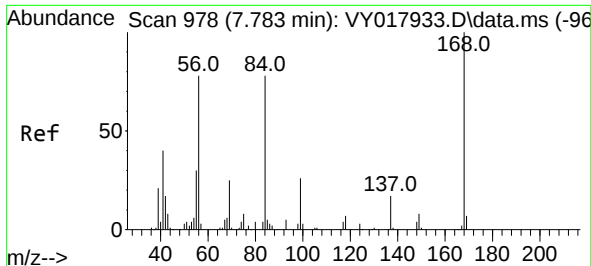
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Manual Integrations
APPROVED

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

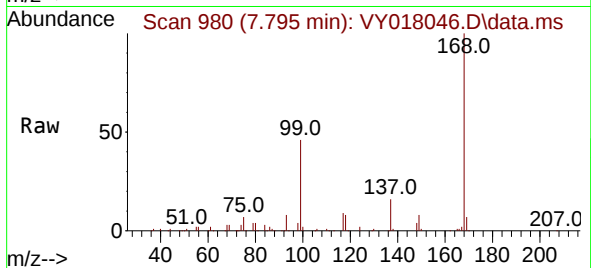
Quant Time: Apr 26 02:00:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

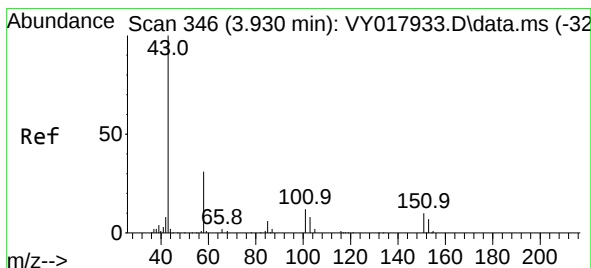
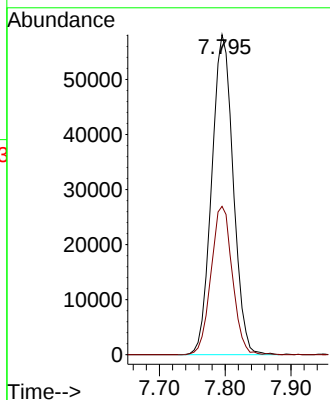
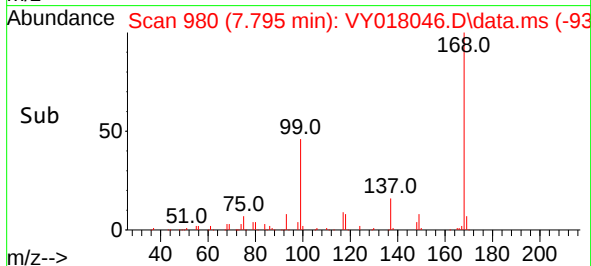
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



Tgt Ion:168 Resp: 13219
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7

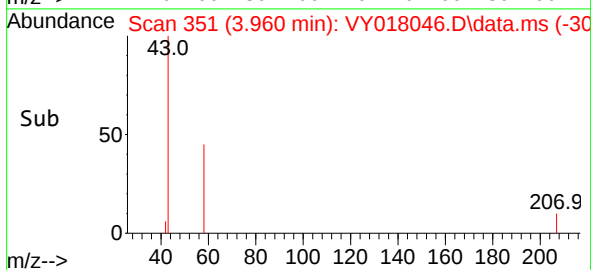
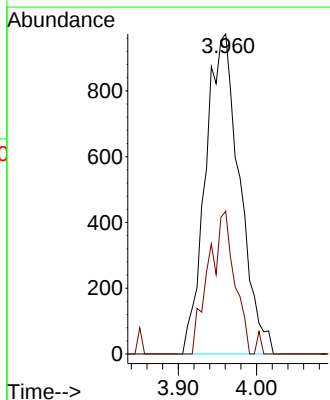
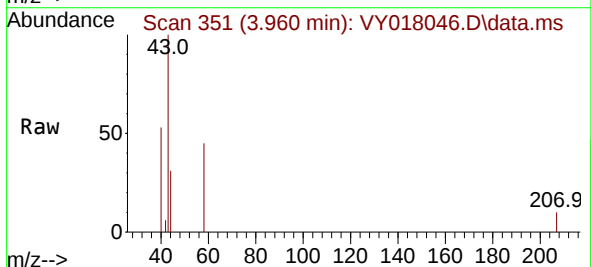
Manual Integrations
APPROVED

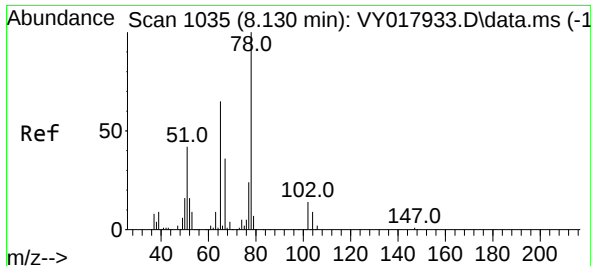
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#16
Acetone
Concen: 13.051 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Tgt Ion: 43 Resp: 2950
Ion Ratio Lower Upper
43 100
58 44.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 52.784 ug/l

RT: 8.149 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018046.D

Acq: 25 Apr 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024

Tgt Ion: 65 Resp: 6038

Ion Ratio Lower Upper

65 100

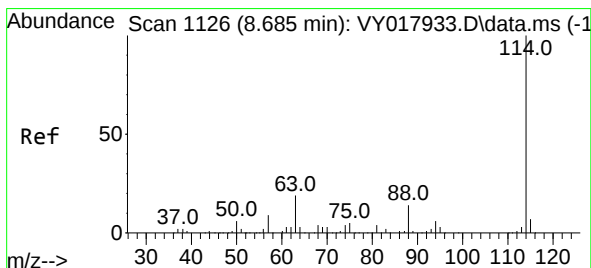
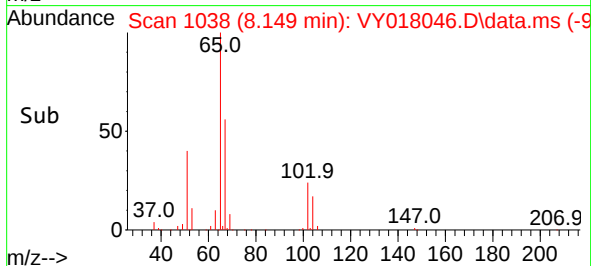
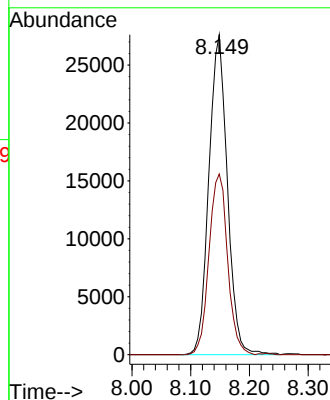
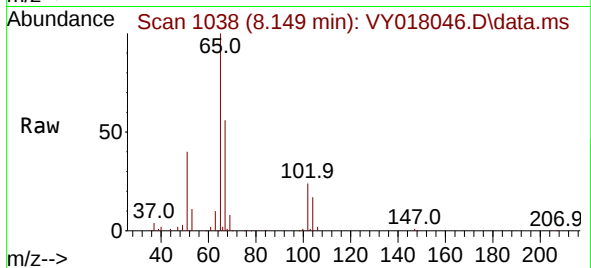
67 56.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024

Supervised By :Semsettin Yesilyurt 04/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY018046.D

Acq: 25 Apr 2024 13:11

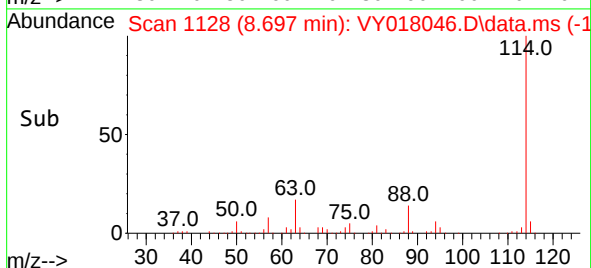
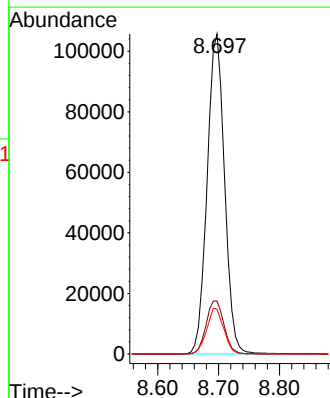
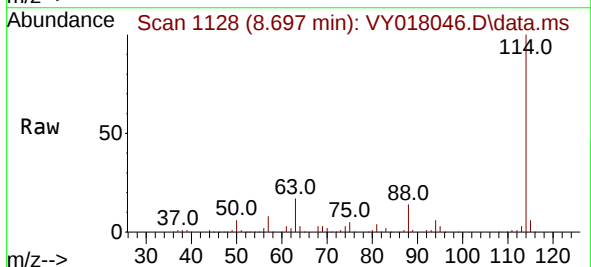
Tgt Ion:114 Resp: 210058

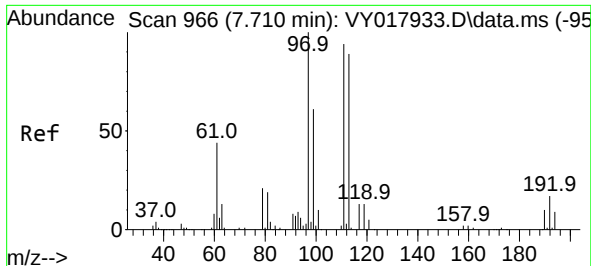
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.786 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018046.D

Acq: 25 Apr 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024

Tgt Ion:113 Resp: 6970

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

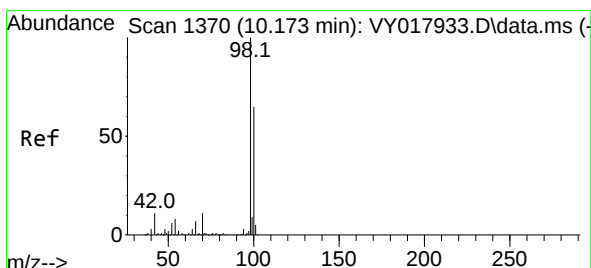
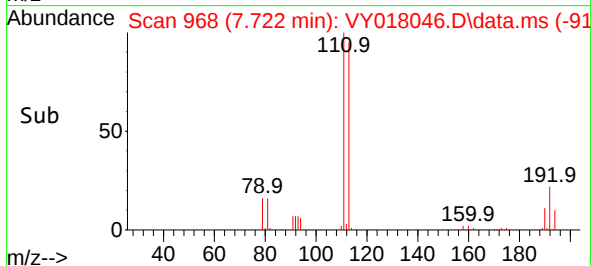
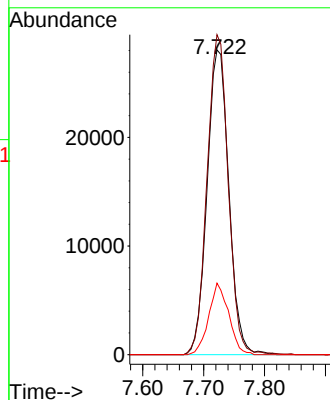
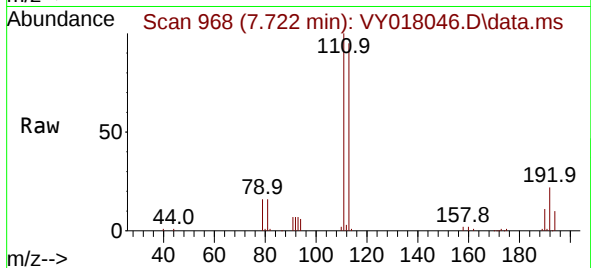
192 21.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024

Supervised By :Semsettin Yesilyurt 04/26/2024



#50

Toluene-d8

Concen: 47.798 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018046.D

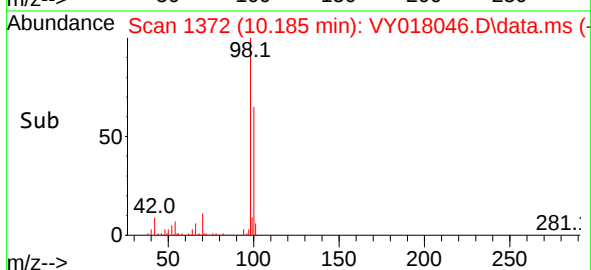
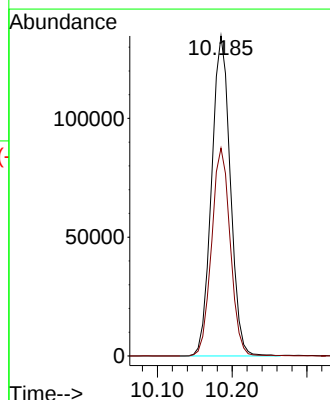
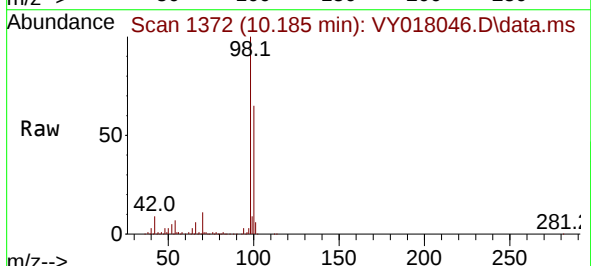
Acq: 25 Apr 2024 13:11

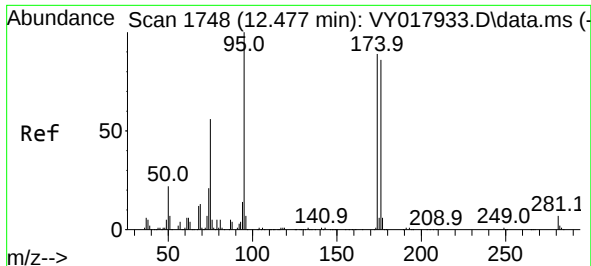
Tgt Ion: 98 Resp: 235043

Ion Ratio Lower Upper

98 100

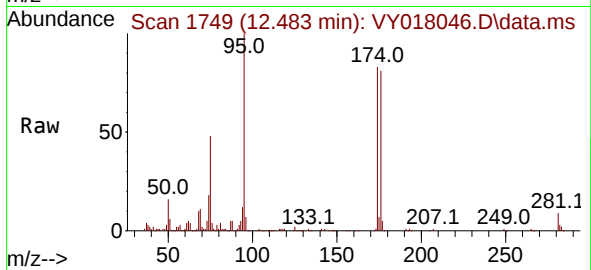
100 64.7 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 47.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

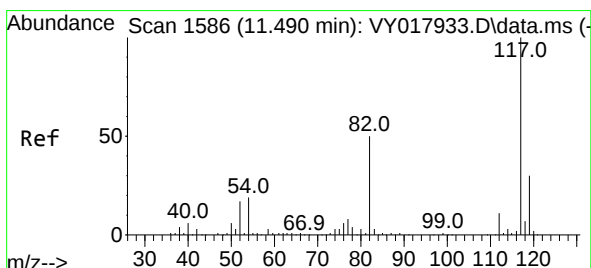
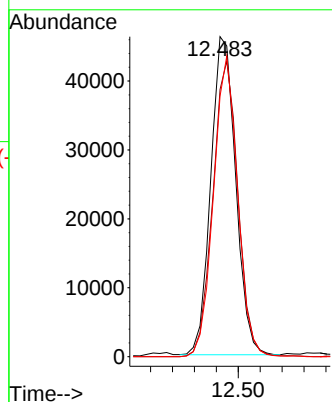
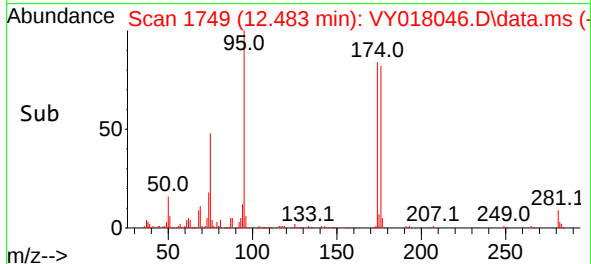
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



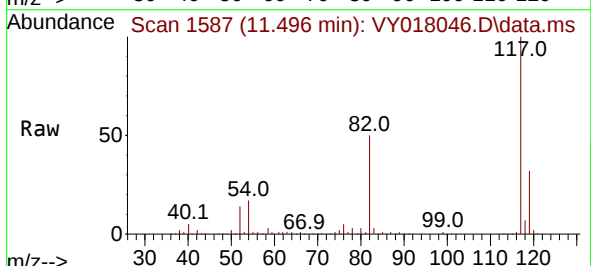
Tgt Ion: 95 Resp: 7290
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 91.4 0.0 171.4

Manual Integrations
APPROVED

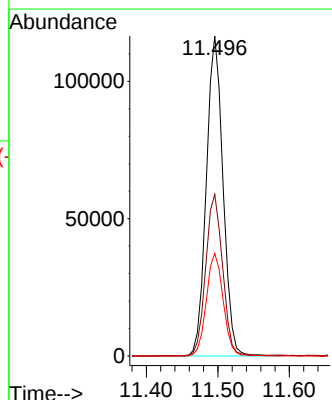
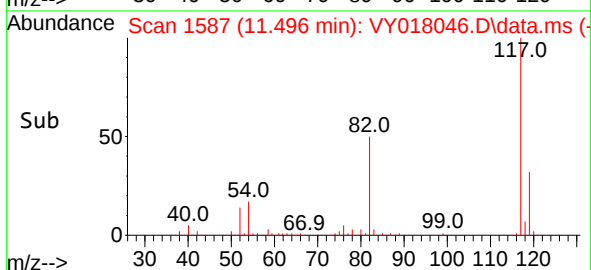
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024

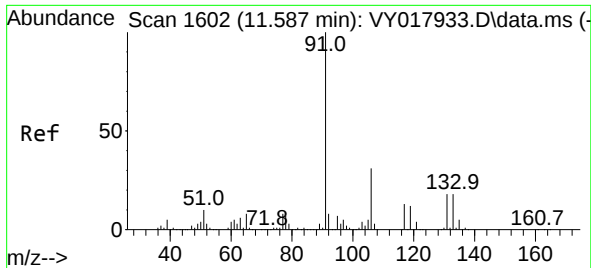


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11



Tgt Ion:117 Resp: 189044
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.0 25.9 38.9





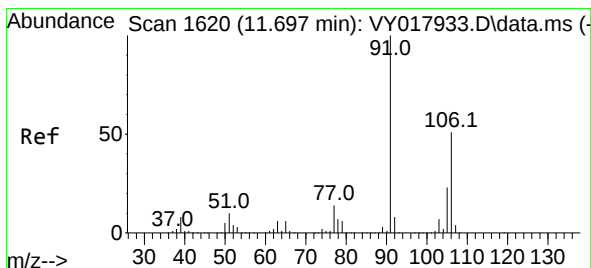
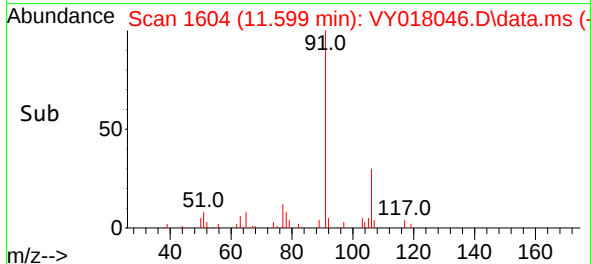
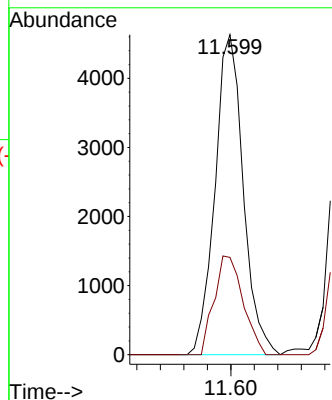
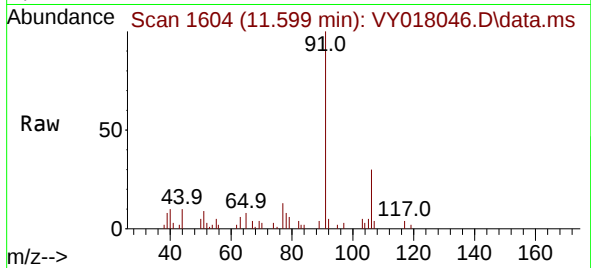
#67
Ethyl Benzene
Concen: 1.108 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Tgt Ion: 91 Resp: 773
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

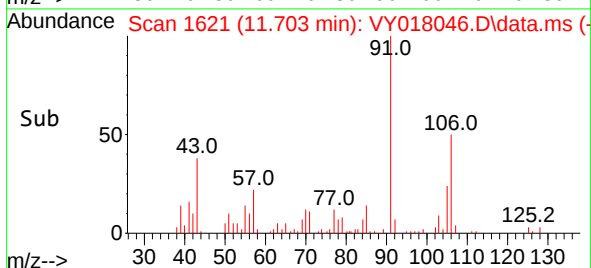
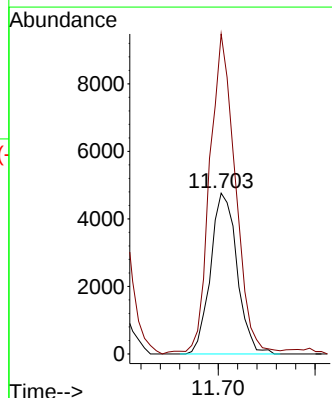
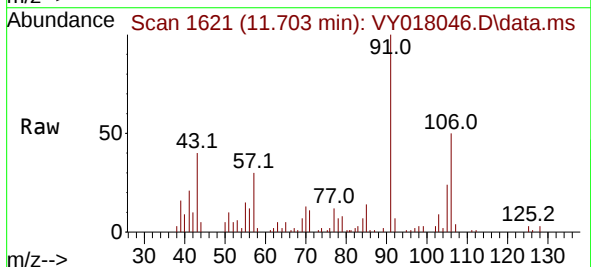
Manual Integrations
APPROVED

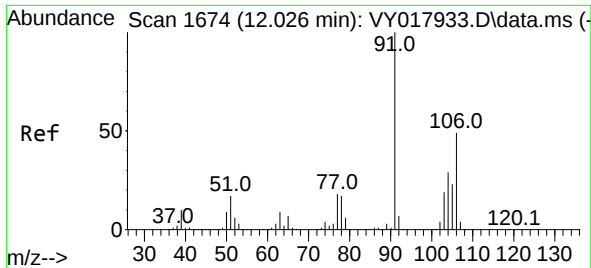
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#68
m/p-Xylenes
Concen: 3.371 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Tgt Ion:106 Resp: 9033
Ion Ratio Lower Upper
106 100
91 193.6 156.0 234.0





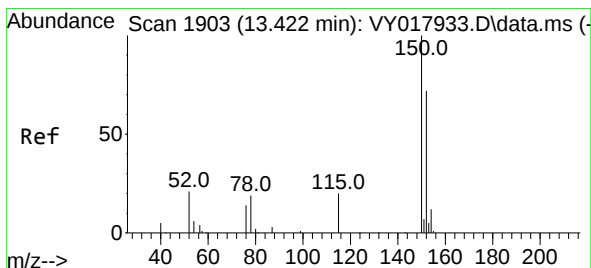
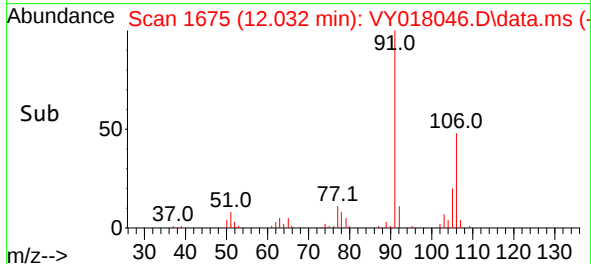
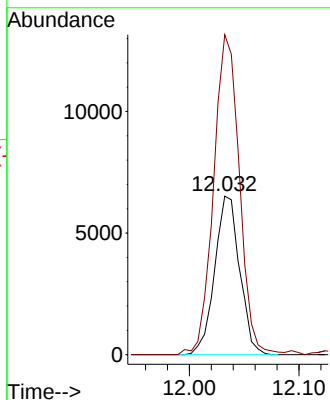
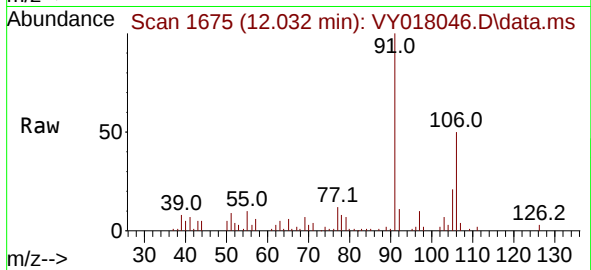
#69
o-Xylene
Concen: 4.117 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024

Tgt Ion:106 Resp: 10302
Ion Ratio Lower Upper
106 100
91 208.9 103.6 310.8

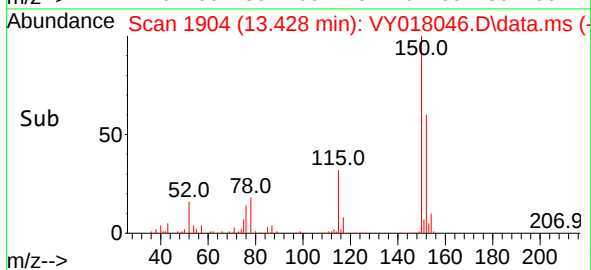
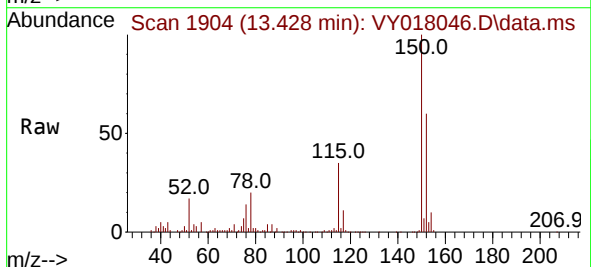
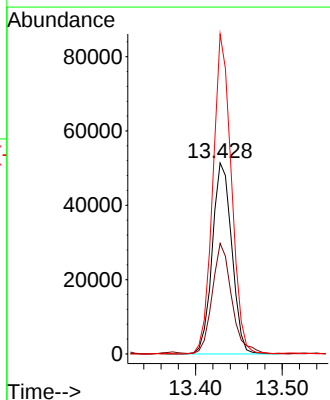
Manual Integrations
APPROVED

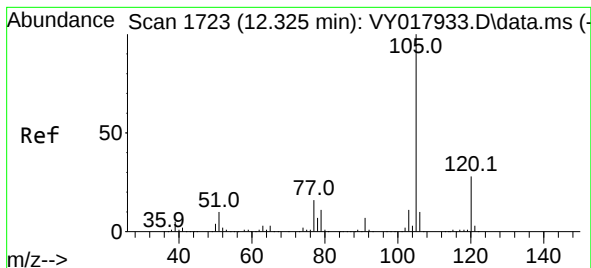
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Tgt Ion:152 Resp: 80506
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 158.8 0.0 345.6





#73

Isopropylbenzene

Concen: 1.006 ug/l

RT: 12.331 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY018046.D

Acq: 25 Apr 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

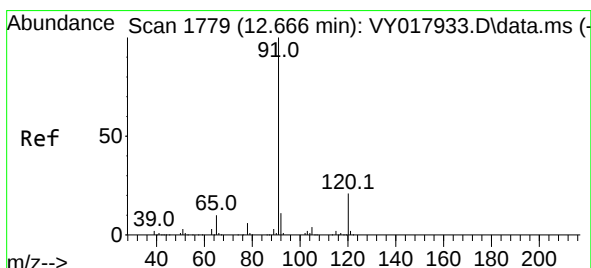
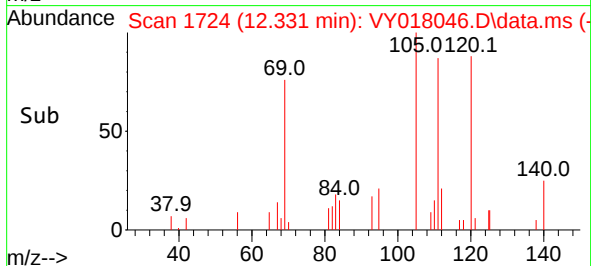
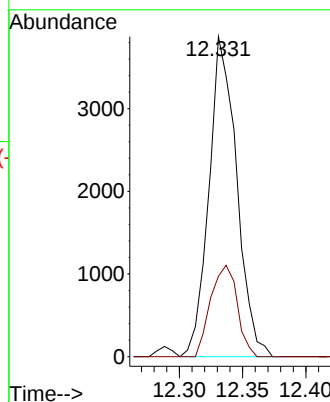
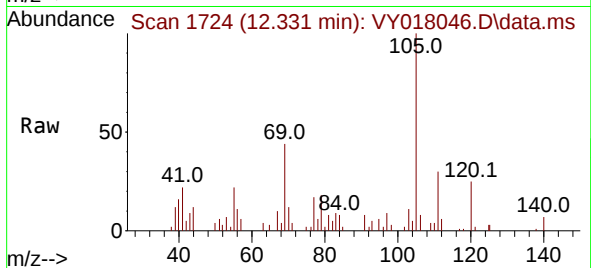
HR-03-04242024

Tgt Ion:105 Resp: 589
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.4 40.1

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 3.037 ug/l

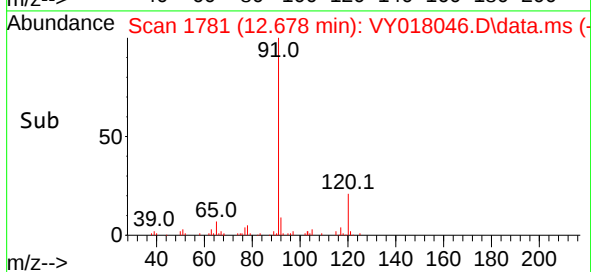
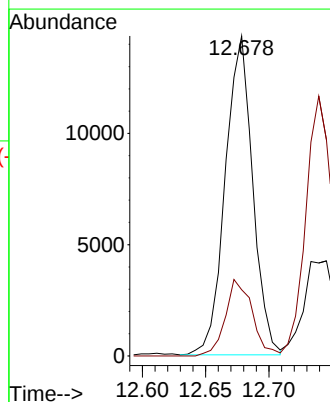
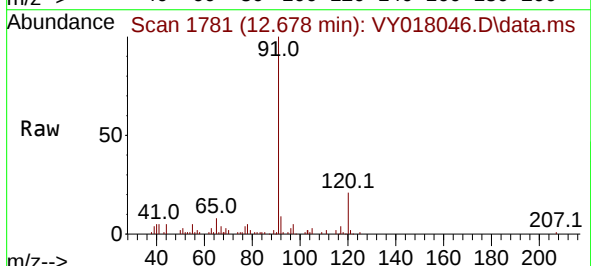
RT: 12.678 min Scan# 1781

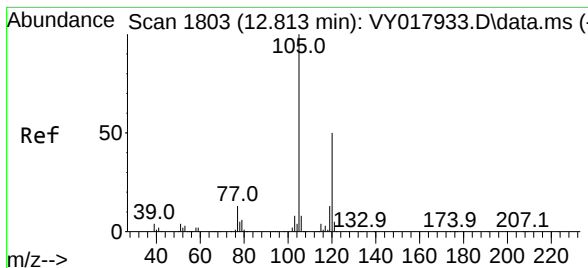
Delta R.T. 0.006 min

Lab File: VY018046.D

Acq: 25 Apr 2024 13:11

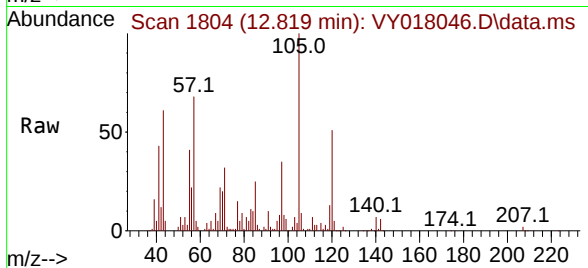
Tgt Ion: 91 Resp: 21618
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 6.919 ug/l
RT: 12.819 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

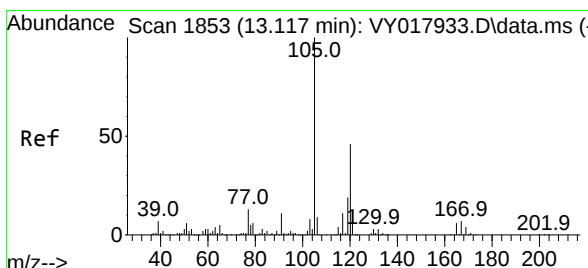
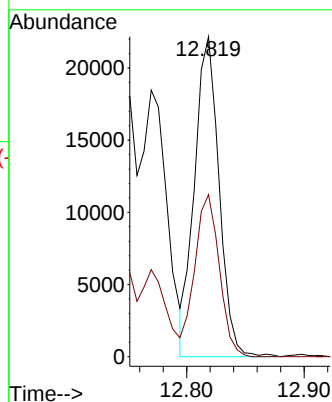
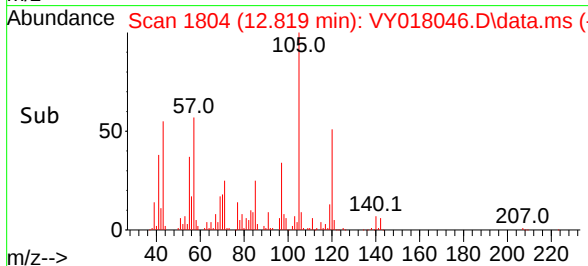
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-04242024



Tgt Ion:105 Resp: 32184
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.2

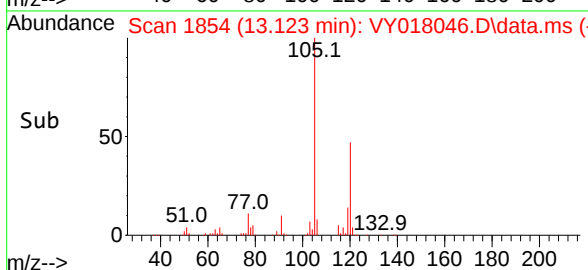
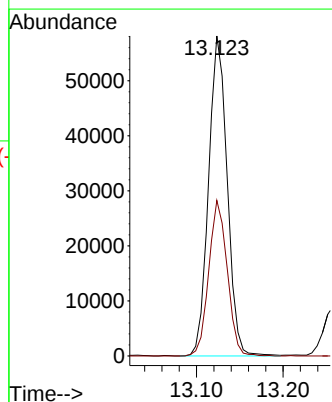
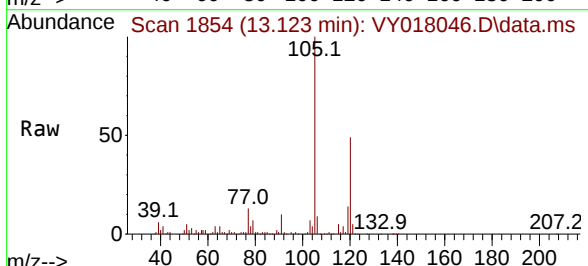
Manual Integrations
APPROVED

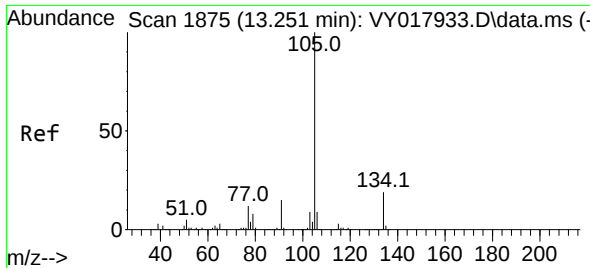
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.764 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY018046.D
Acq: 25 Apr 2024 13:11

Tgt Ion:105 Resp: 86917
Ion Ratio Lower Upper
105 100
120 48.1 23.2 69.6





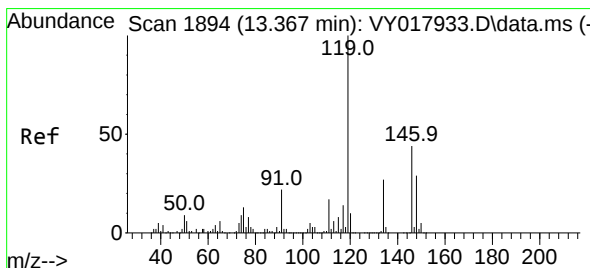
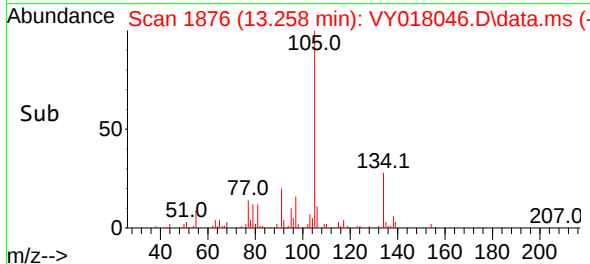
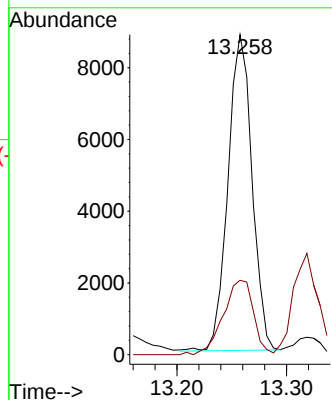
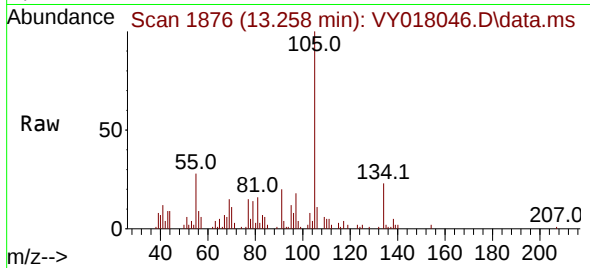
#85
 sec-Butylbenzene
 Concen: 2.097 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY018046.D
 Acq: 25 Apr 2024 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-04242024

Tgt Ion:105 Resp: 1338
 Ion Ratio Lower Upper
 105 100
 134 29.5 10.1 30.1

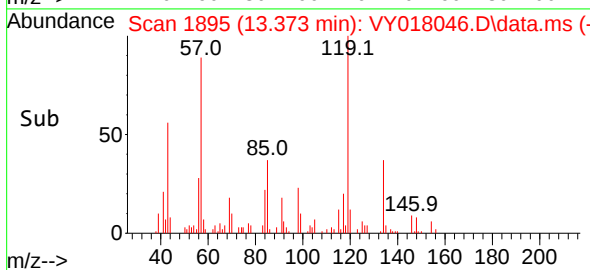
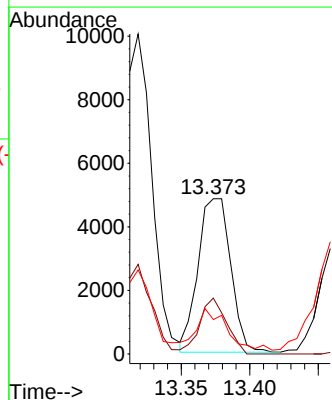
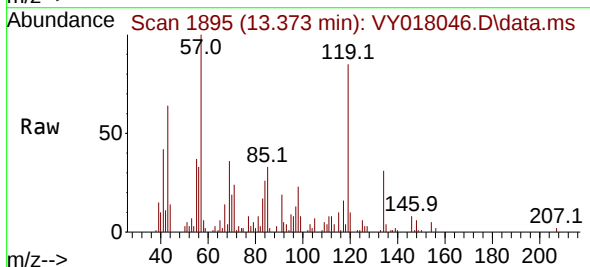
Manual Integrations
 APPROVED

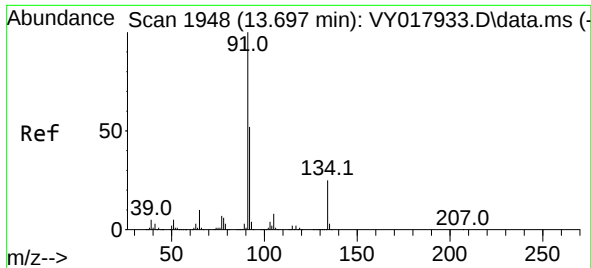
Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024



#86
 p-Isopropyltoluene
 Concen: 1.532 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY018046.D
 Acq: 25 Apr 2024 13:11

Tgt Ion:119 Resp: 8033
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.1 39.3
 91 25.4 10.7 32.1





#89

n-Butylbenzene

Concen: 3.583 ug/l m

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018046.D

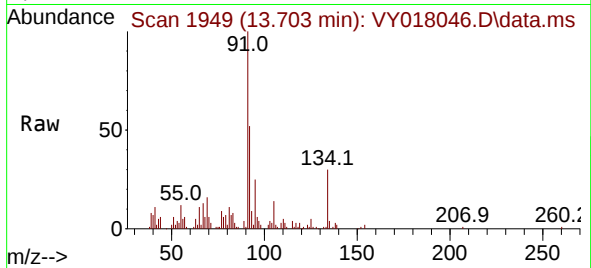
Acq: 25 Apr 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-04242024



Tgt Ion: 91 Resp: 1767

Ion Ratio Lower Upper

91 100

92 56.5 26.6 79.7

134 0.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024

Supervised By :Semsettin Yesilyurt 04/26/2024

