

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017753.D
 Acq On : 25 Mar 2024 15:52
 Operator : SY/MD
 Sample : P1861-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-03252024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
 Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:35:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9600	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	12588	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.501	117	8488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	3143	37.581	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.160%		
35) Dibromofluoromethane	7.722	113	3039	40.388	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.780%		
50) Toluene-d8	10.191	98	13281	46.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.240%		
62) 4-Bromofluorobenzene	12.495	95	2223	25.707	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	51.420%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.605	91	321	1.023	ug/l #	84
68) m/p-Xylenes	11.703	106	446	3.664	ug/l	95
69) o-Xylene	12.044	106	212	1.908	ug/l	53
78) n-propylbenzene	12.678	91	620	3.505	ug/l	91
80) 1,3,5-Trimethylbenzene	12.824	105	725	6.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	1759	15.687	ug/l	98
89) n-Butylbenzene	13.702	91	484m	4.153	ug/l	

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

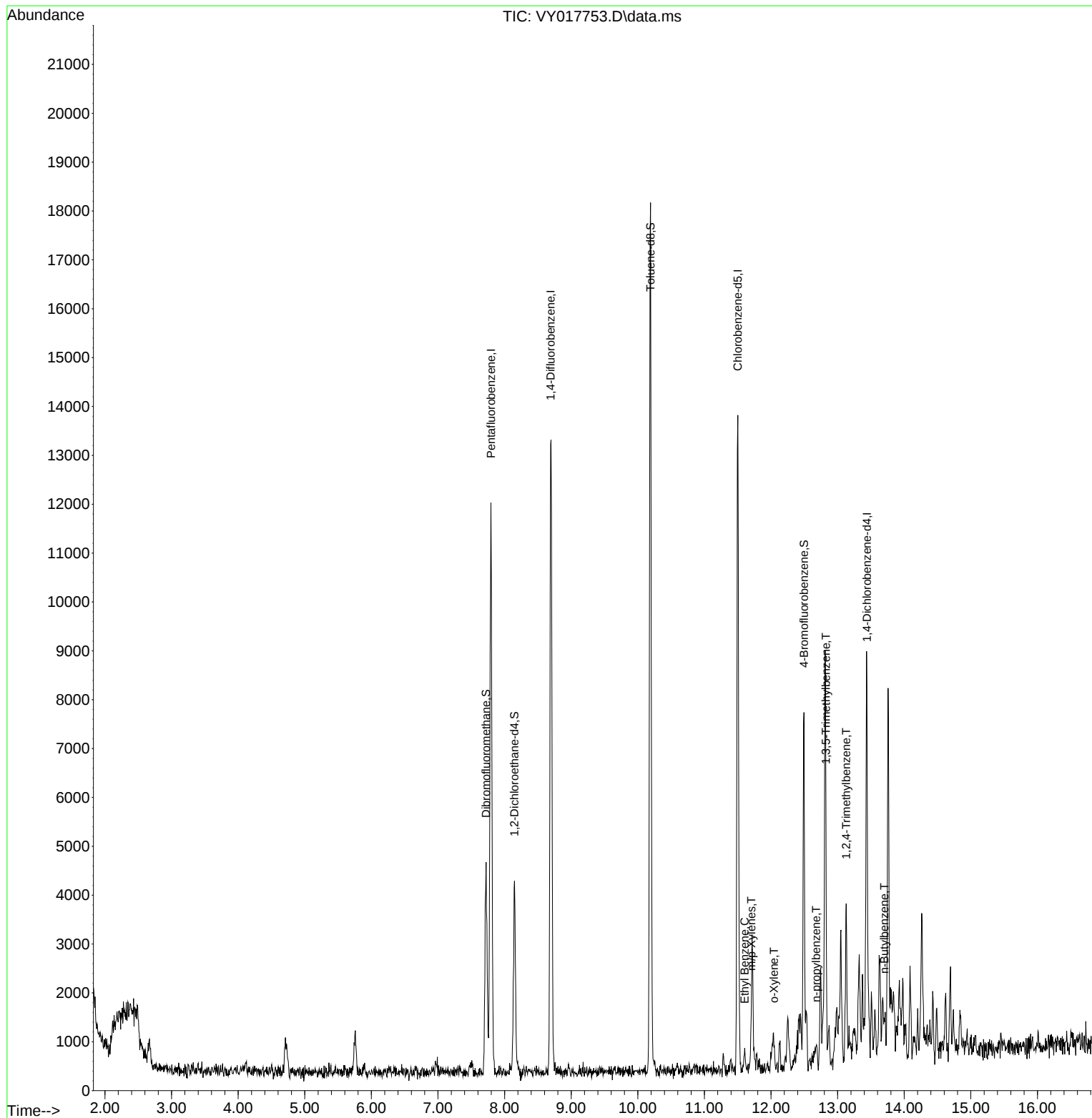
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

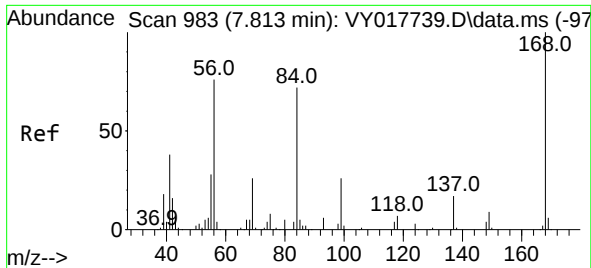
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:35:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration





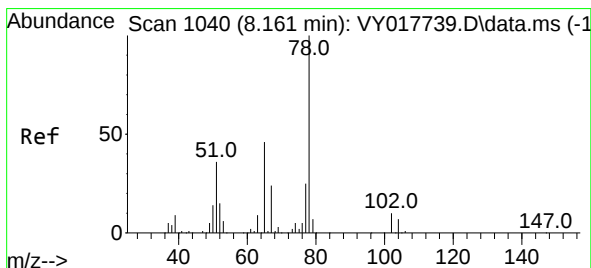
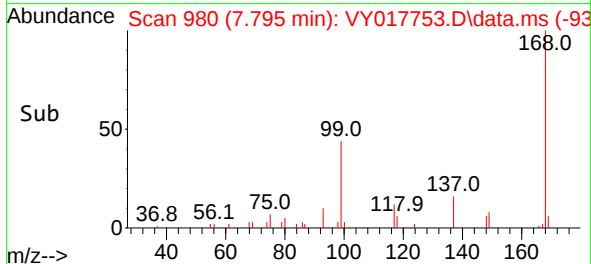
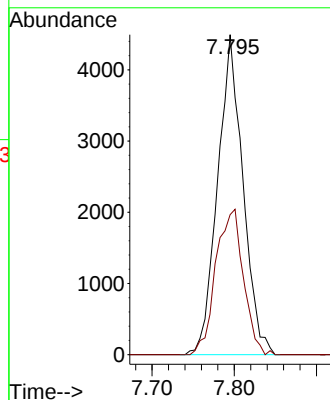
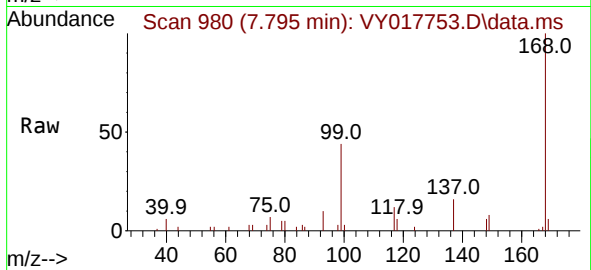
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

Tgt Ion:168 Resp: 9600
Ion Ratio Lower Upper
168 100
99 43.8 39.1 58.7

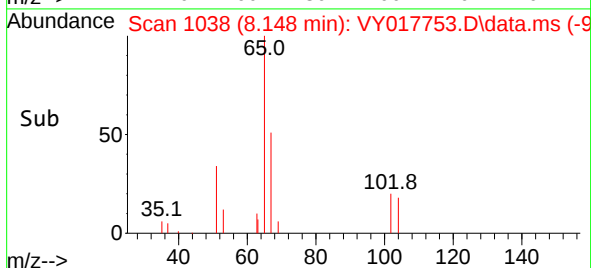
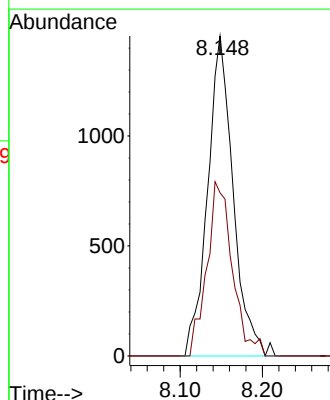
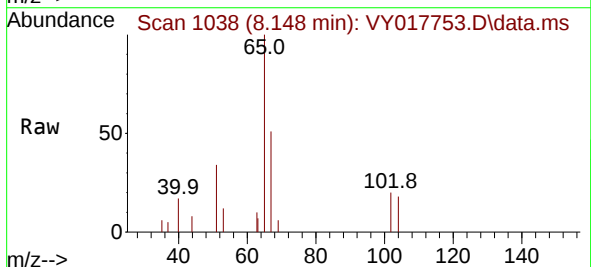
Manual Integrations
APPROVED

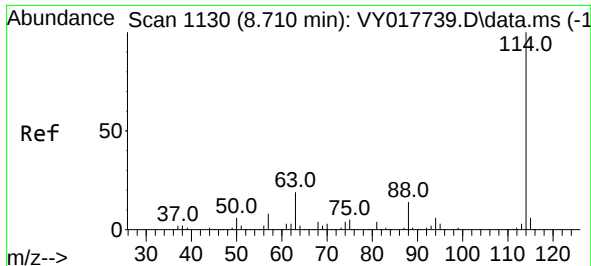
Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#33
1,2-Dichloroethane-d4
Concen: 37.581 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Tgt Ion: 65 Resp: 3143
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.019 min

Lab File: VY017753.D

Acq: 25 Mar 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

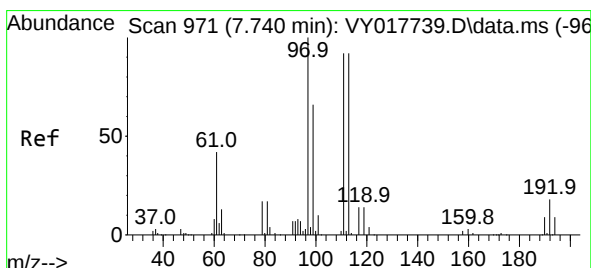
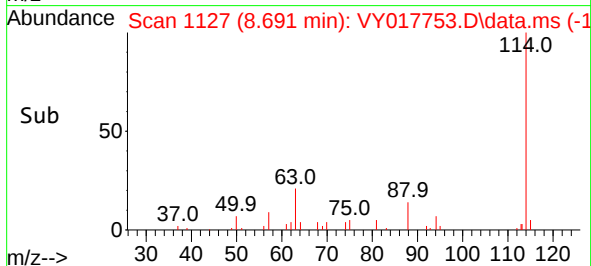
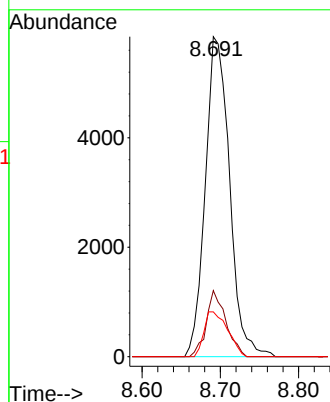
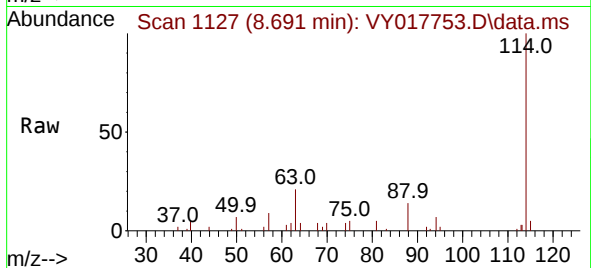
HD-02-03252024

Tgt Ion:114	Resp:	1258
Ion Ratio	Lower	Upper
114	100	
63	20.7	0.0 35.0
88	14.0	0.0 27.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#35

Dibromofluoromethane

Concen: 40.388 ug/l

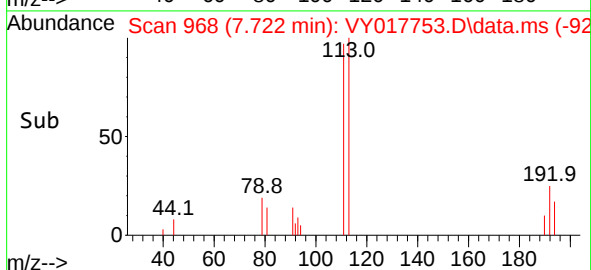
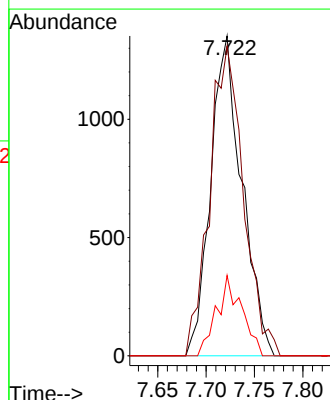
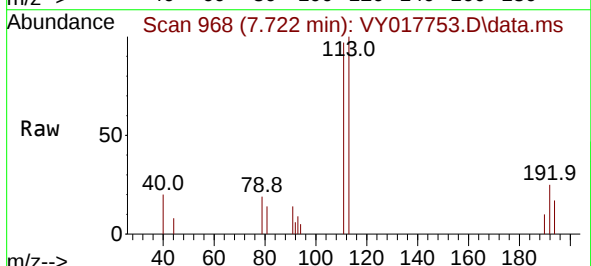
RT: 7.722 min Scan# 968

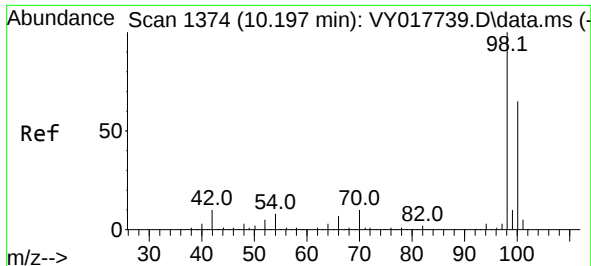
Delta R.T. -0.019 min

Lab File: VY017753.D

Acq: 25 Mar 2024 15:52

Tgt Ion:113	Resp:	3039
Ion Ratio	Lower	Upper
113	100	
111	104.8	82.2 123.4
192	20.2	15.9 23.9





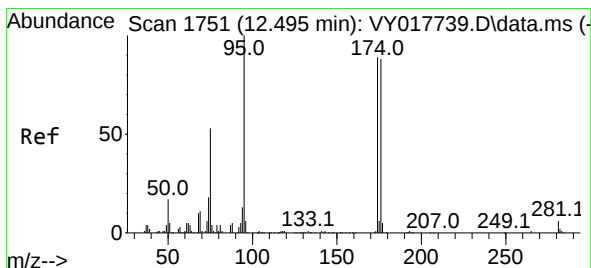
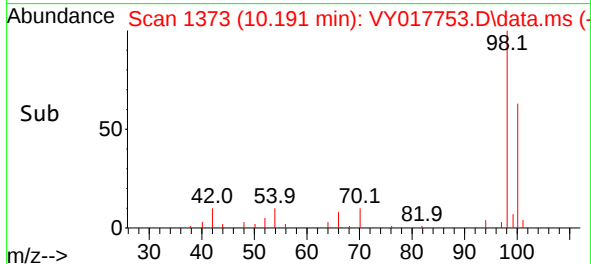
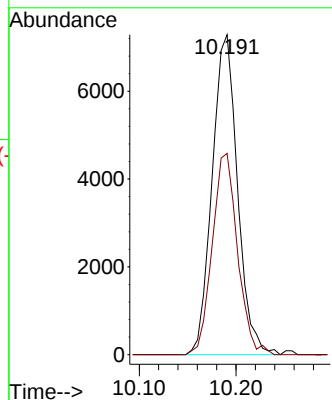
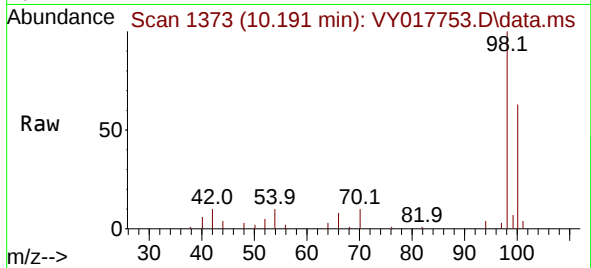
#50
Toluene-d8
Concen: 46.117 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

Tgt Ion: 98 Resp: 1328
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

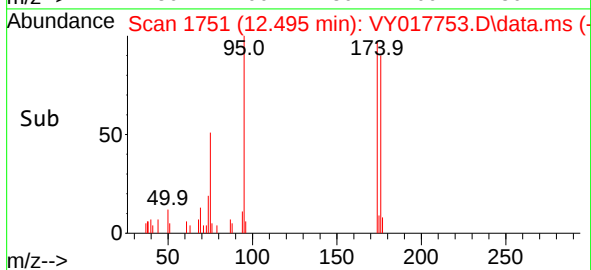
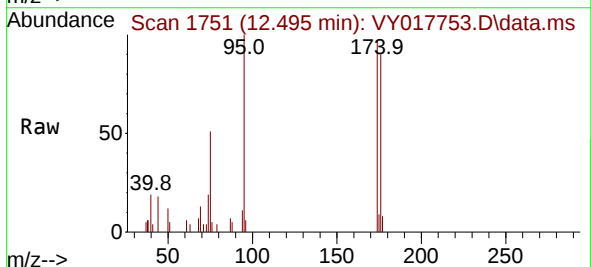
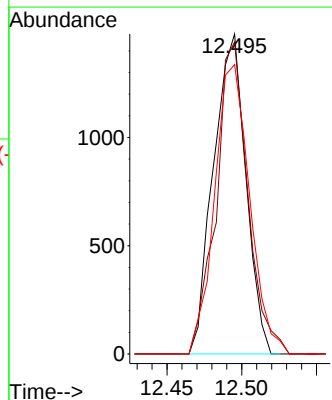
Manual Integrations
APPROVED

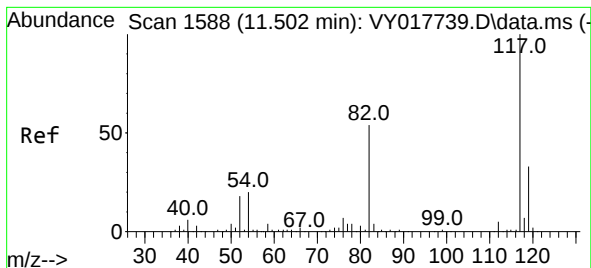
Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#62
4-Bromofluorobenzene
Concen: 25.707 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

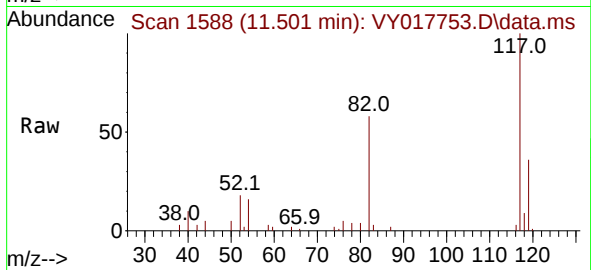
Tgt Ion: 95 Resp: 2223
Ion Ratio Lower Upper
95 100
174 95.7 0.0 175.6
176 98.1 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11501
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

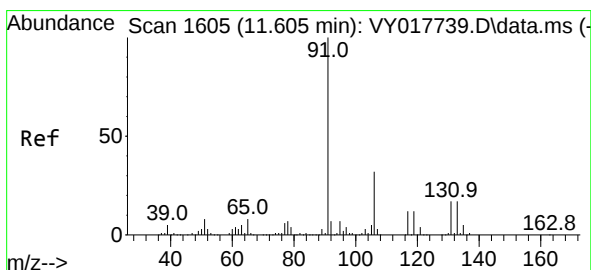
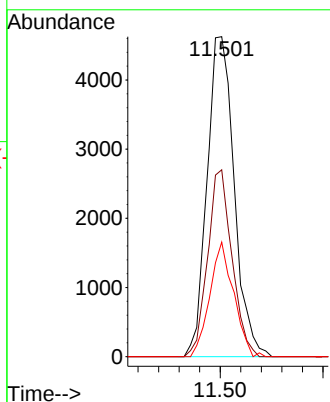
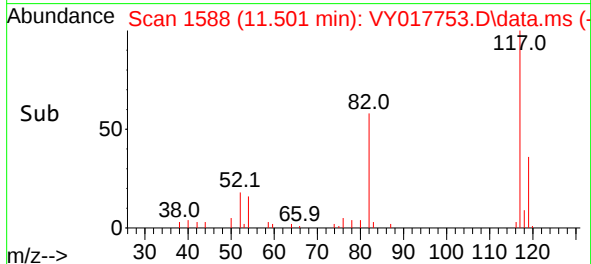
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024



Tgt Ion: 117 Resp: 848
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 35.8 25.9 38.9

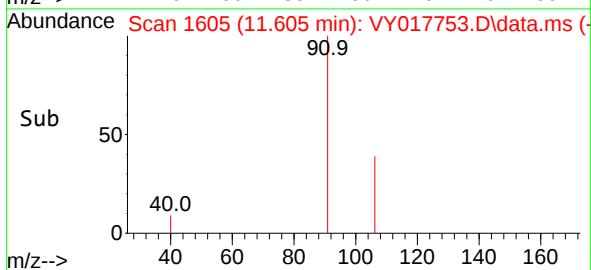
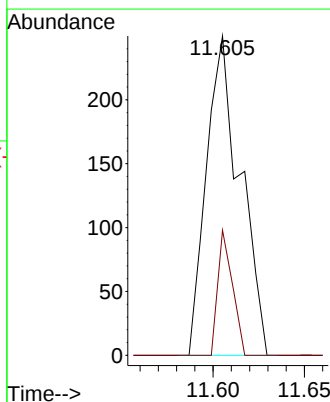
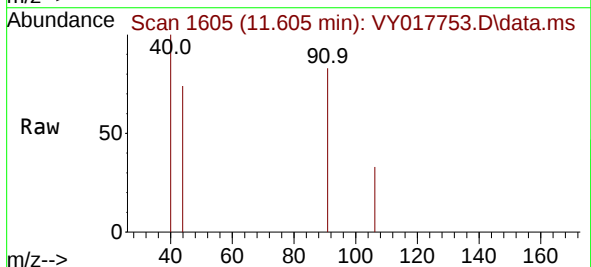
Manual Integrations
APPROVED

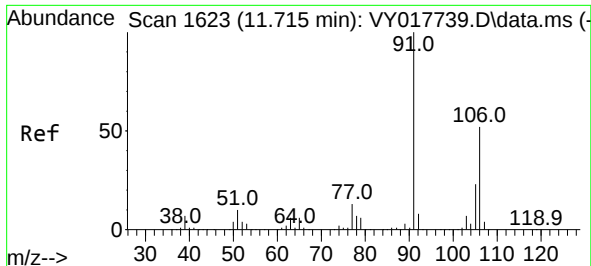
Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#67
Ethyl Benzene
Concen: 1.023 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Tgt Ion: 91 Resp: 321
Ion Ratio Lower Upper
91 100
106 39.2 24.5 36.7#





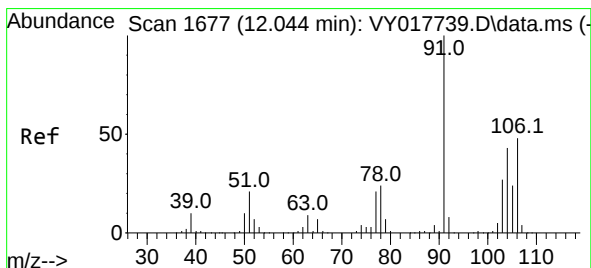
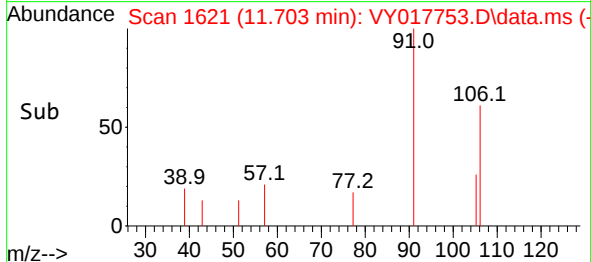
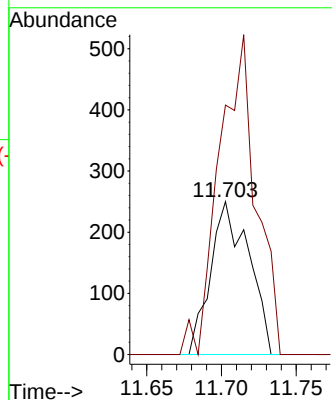
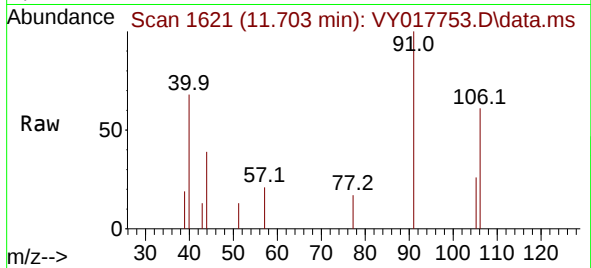
#68
m/p-Xylenes
Concen: 3.664 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.012 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

Tgt Ion:106 Resp: 440
Ion Ratio Lower Upper
106 100
91 201.8 156.0 234.0

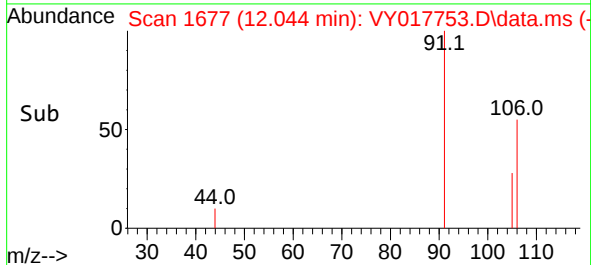
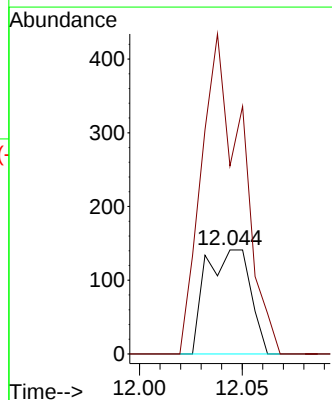
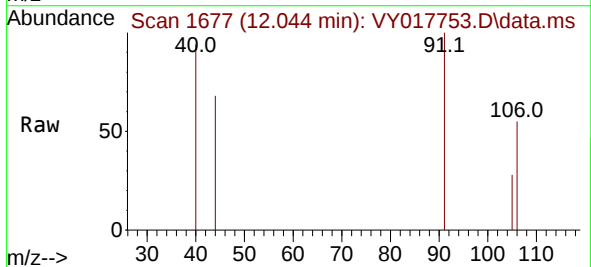
Manual Integrations
APPROVED

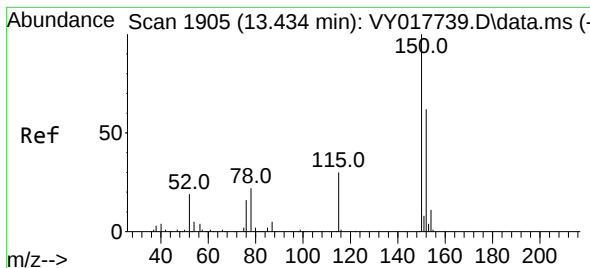
Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#69
o-Xylene
Concen: 1.908 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

Tgt Ion:106 Resp: 212
Ion Ratio Lower Upper
106 100
91 279.7 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017753.D

Acq: 25 Mar 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

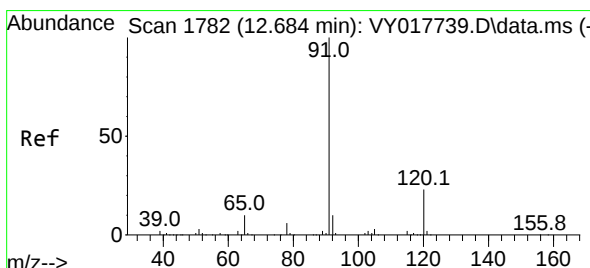
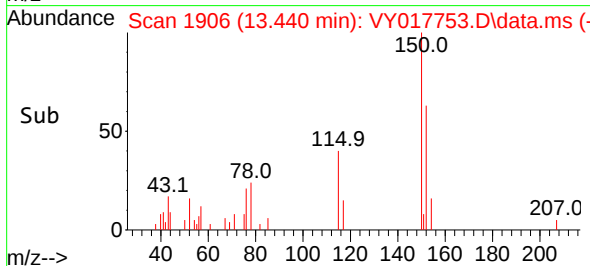
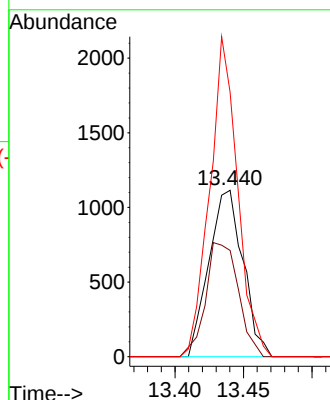
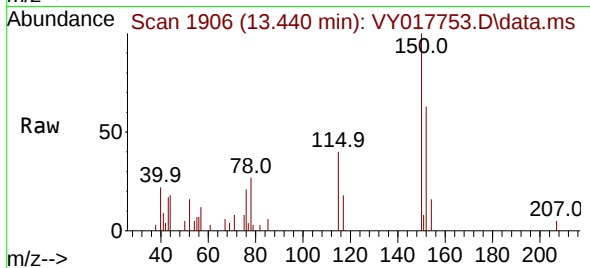
HD-02-03252024

Tgt Ion:	152	Resp:	193
Ion Ratio	Lower	Upper	
152	100		
115	65.5	28.2	84.7
150	156.8	0.0	345.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024



#78

n-propylbenzene

Concen: 3.505 ug/l

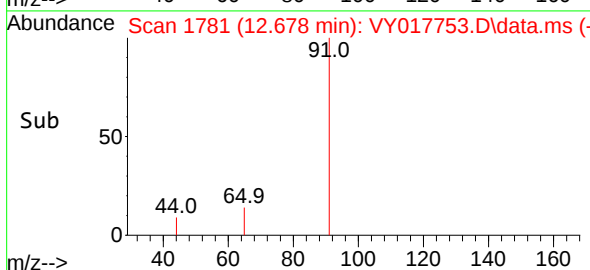
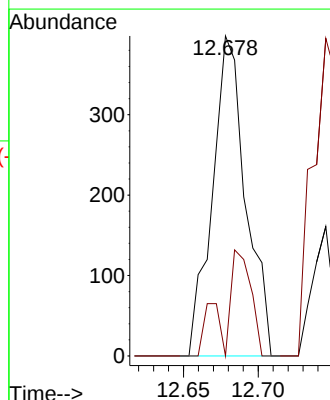
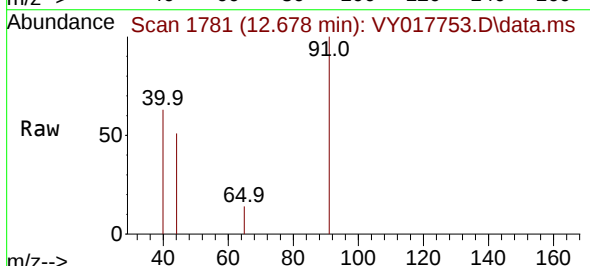
RT: 12.678 min Scan# 1781

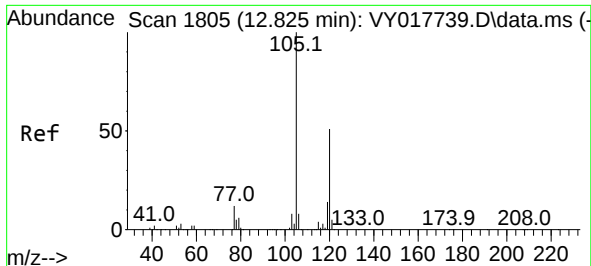
Delta R.T. -0.006 min

Lab File: VY017753.D

Acq: 25 Mar 2024 15:52

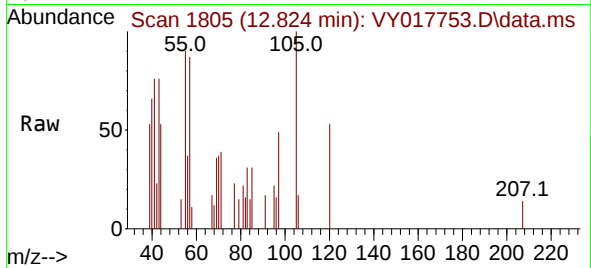
Tgt Ion:	91	Resp:	620
Ion Ratio	Lower	Upper	
91	100		
120	27.1	11.5	34.4





#80
1,3,5-Trimethylbenzene
Concen: 6.339 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52

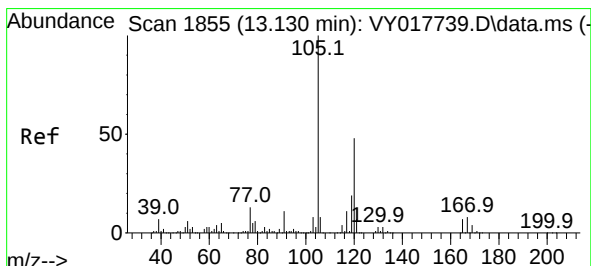
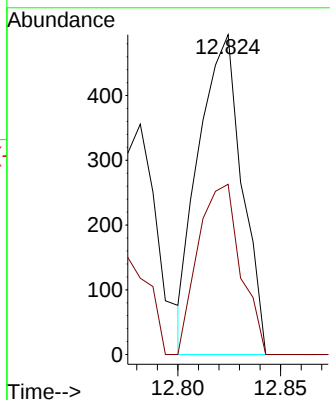
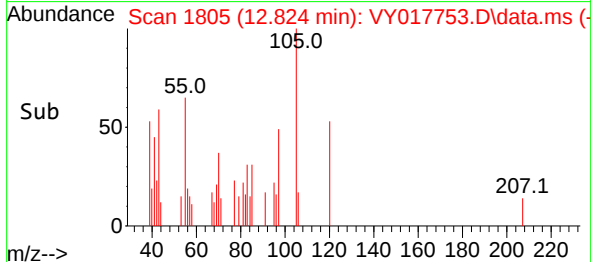
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024



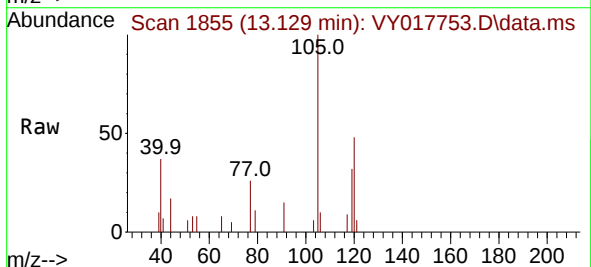
Tgt Ion:105 Resp: 725
Ion Ratio Lower Upper
105 100
120 52.3 25.1 75.2

Manual Integrations
APPROVED

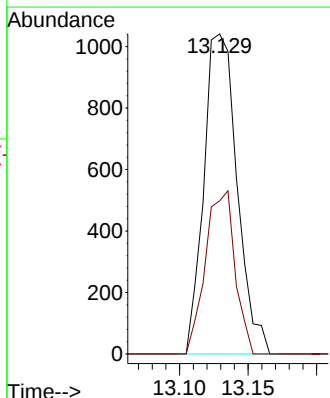
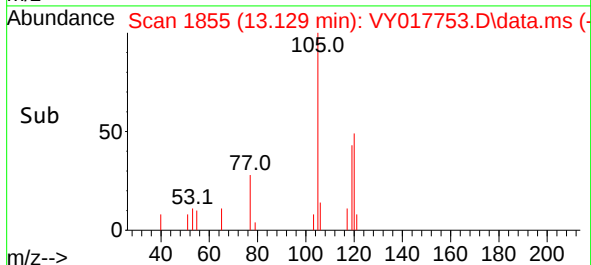
Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024

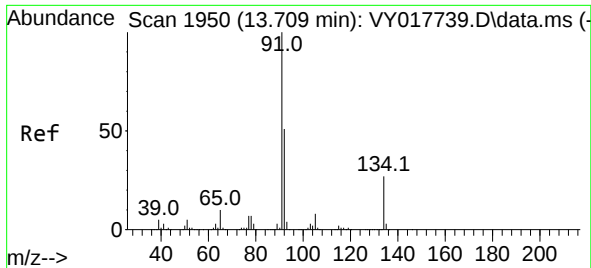


#84
1,2,4-Trimethylbenzene
Concen: 15.687 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY017753.D
Acq: 25 Mar 2024 15:52



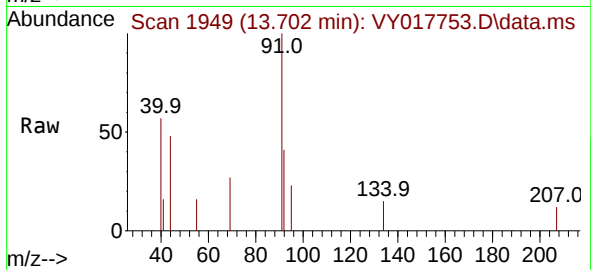
Tgt Ion:105 Resp: 1759
Ion Ratio Lower Upper
105 100
120 45.1 23.2 69.6





#89
 n-Butylbenzene
 Concen: 4.153 ug/l m
 RT: 13.702 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VY017753.D
 Acq: 25 Mar 2024 15:52

Instrument : MSVOA_Y
 ClientSampleId : HD-02-03252024



Tgt Ion: 91	Resp: 484
Ion Ratio	Lower Upper
91	100
92	42.6 26.6 79.7
134	0.0 12.9 38.7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
 Supervised By :Semsettin Yesilyurt 03/26/2024

