

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015605.D
 Acq On : 16 Sep 2023 06:18
 Operator : SY/MD
 Sample : 04419-19
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLIND-DUPLICATE-1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 16 07:03:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	66579	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	101009	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	83077	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	35000	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	34101	47.779	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.560%			
35) Dibromofluoromethane	7.728	113	30838	53.005	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.191	98	115818	54.971	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.940%			
62) 4-Bromofluorobenzene	12.489	95	34905	44.627	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.260%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.709	106	5287	4.243	ug/l	99
69) o-Xylene	12.044	106	3179	2.670	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	94496	42.973	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	255585	117.063	ug/l	98
86) p-Isopropyltoluene	13.379	119	4342	1.803	ug/l	95
95) Naphthalene	15.245	128	60853	34.870	ug/l	98

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

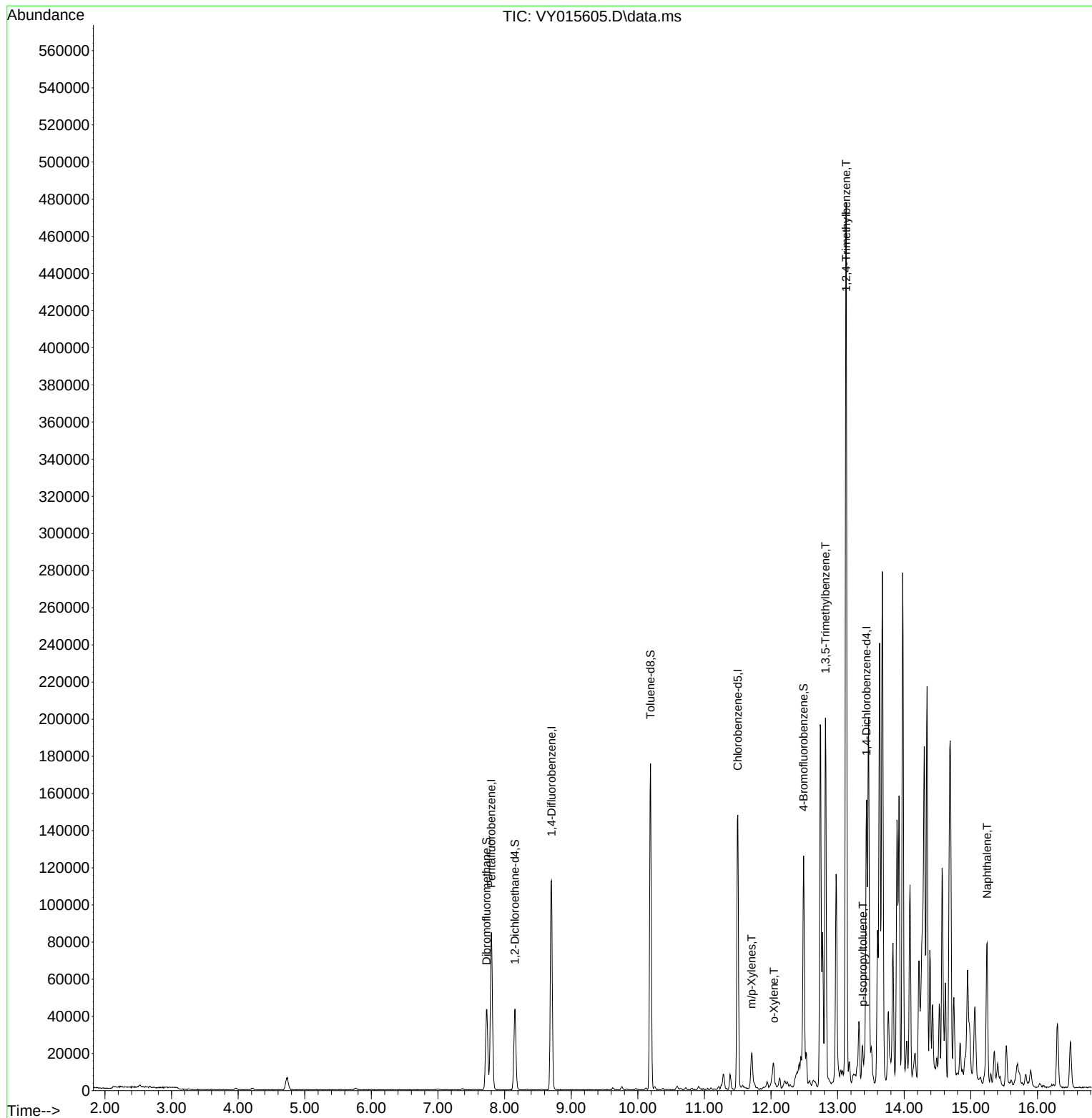
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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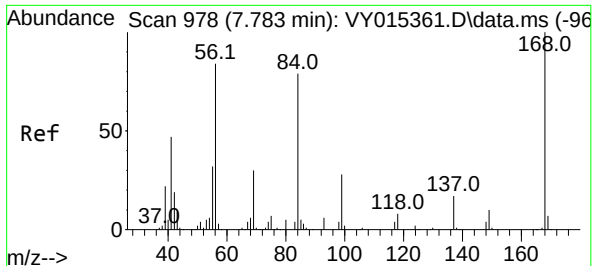
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1

Quant Time: Sep 16 07:03:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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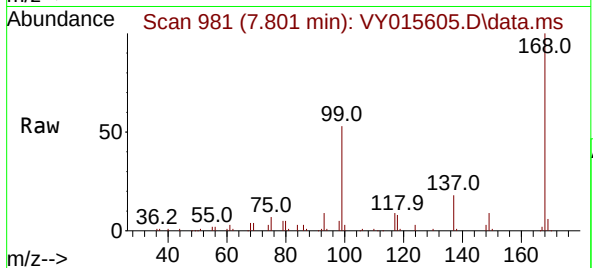
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

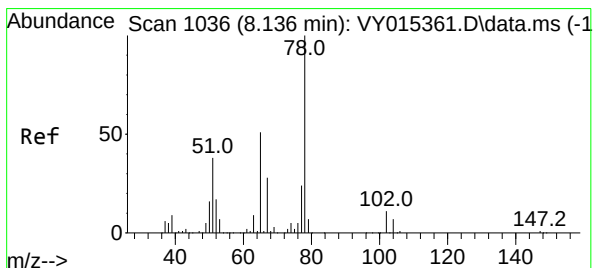
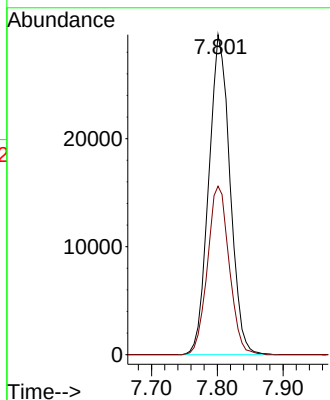
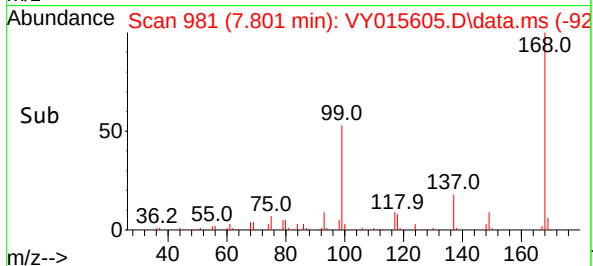
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1



Tgt Ion:168 Resp: 66579
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0

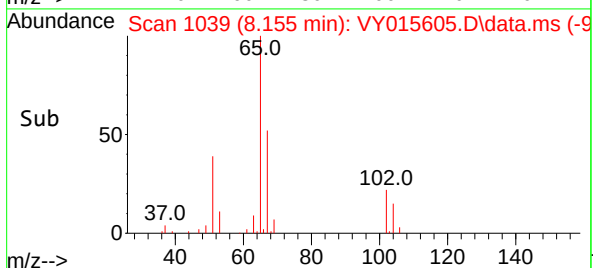
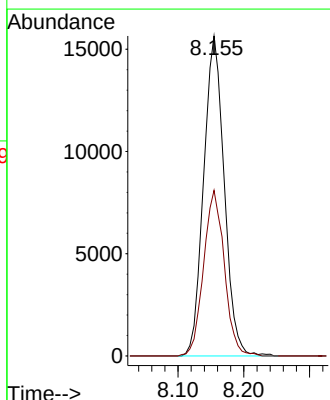
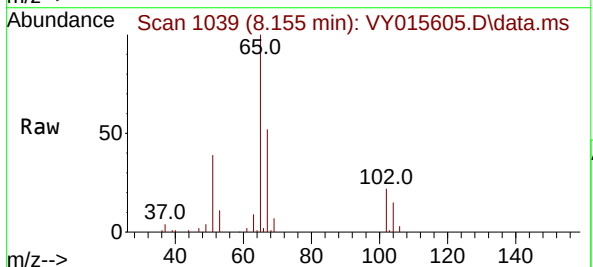
Manual Integrations
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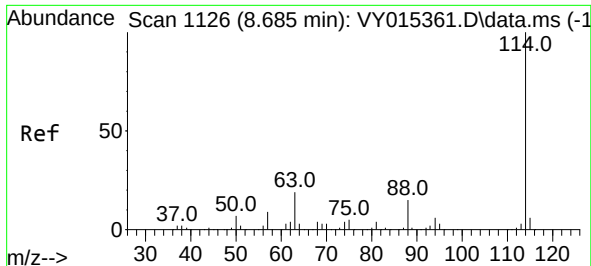
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#33
1,2-Dichloroethane-d4
Concen: 47.779 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

Tgt Ion: 65 Resp: 34101
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1126

Delta R.T. 0.018 min

Lab File: VY015605.D

Acq: 16 Sep 2023 06:18

Instrument :

MSVOA_Y

ClientSampleId :

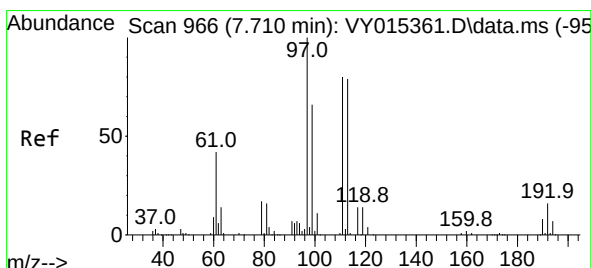
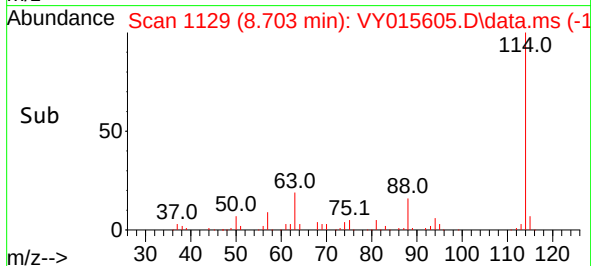
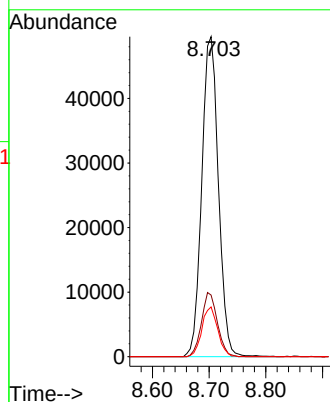
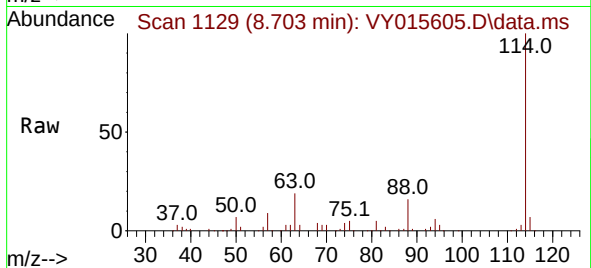
BLIND-DUPLICATE-1

Tgt Ion:114	Resp: 101009
Ion Ratio	Lower Upper
114 100	
63 19.3	0.0 42.4
88 15.5	0.0 30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 53.005 ug/l

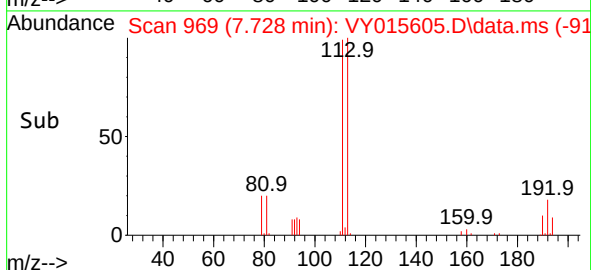
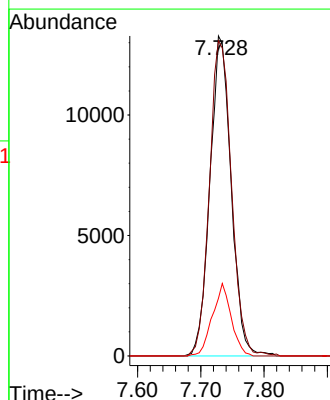
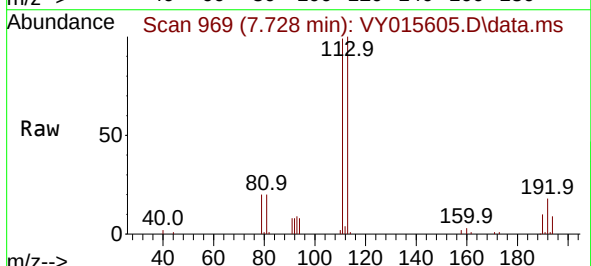
RT: 7.728 min Scan# 969

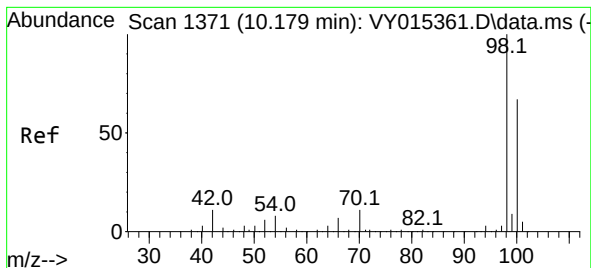
Delta R.T. 0.012 min

Lab File: VY015605.D

Acq: 16 Sep 2023 06:18

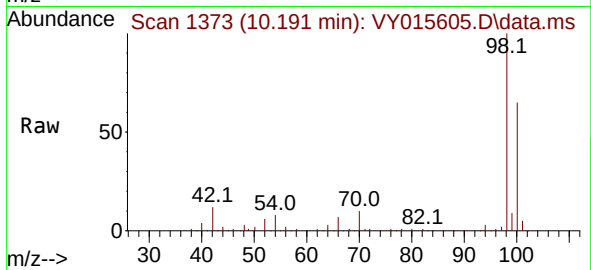
Tgt Ion:113	Resp: 30838
Ion Ratio	Lower Upper
113 100	
111 102.6	81.3 121.9
192 20.1	16.9 25.3





#50
Toluene-d8
Concen: 54.971 ug/l
RT: 10.191 min Scan# 115818
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

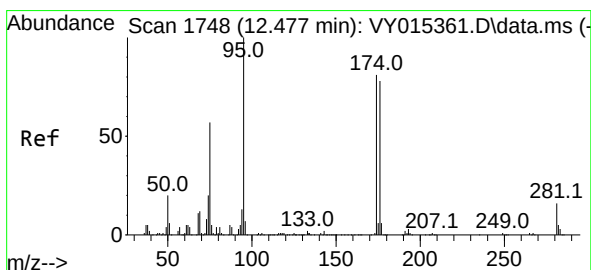
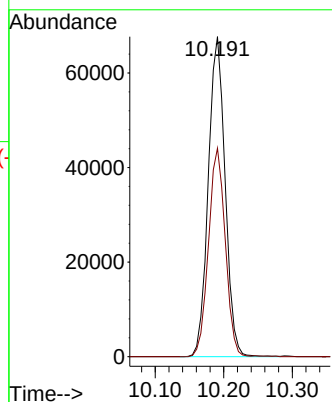
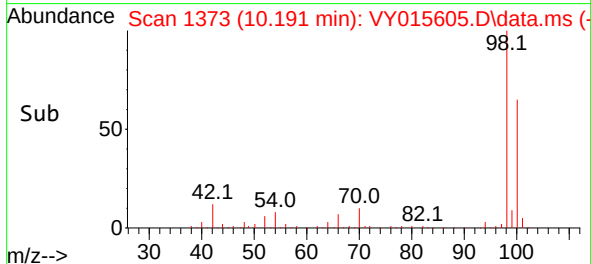
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1



Tgt Ion: 98 Resp: 115818
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

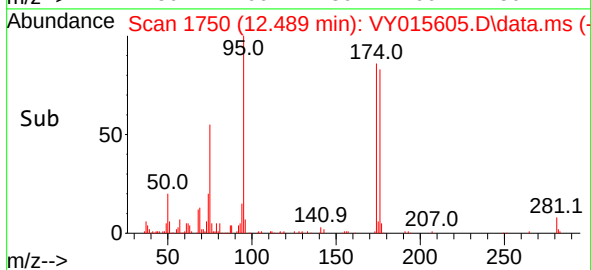
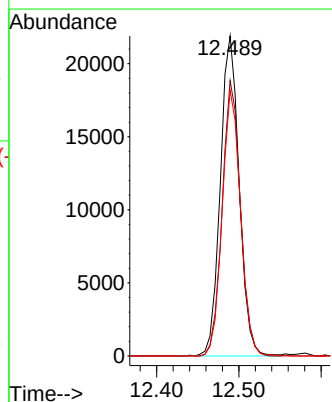
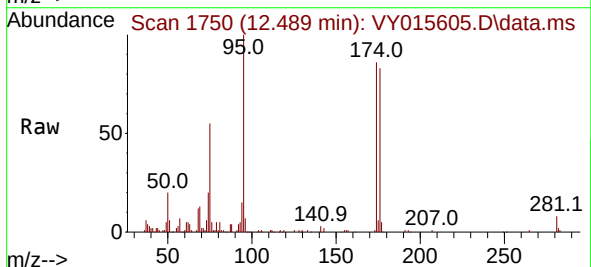
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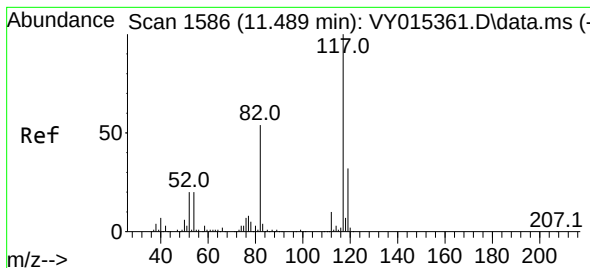
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#62
4-Bromofluorobenzene
Concen: 44.627 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

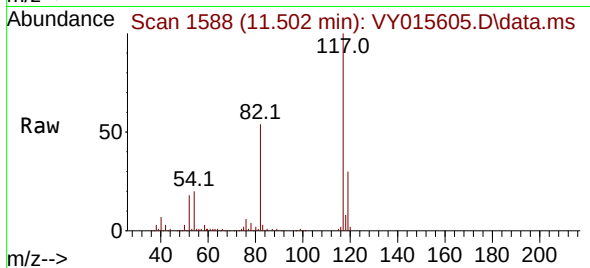
Tgt Ion: 95 Resp: 34905
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1150
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

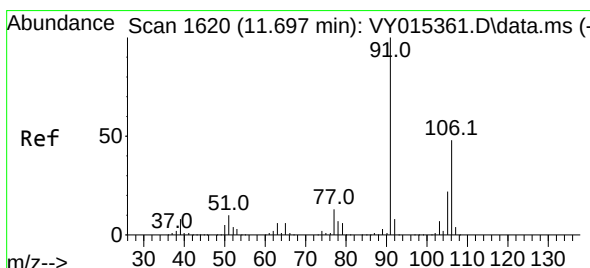
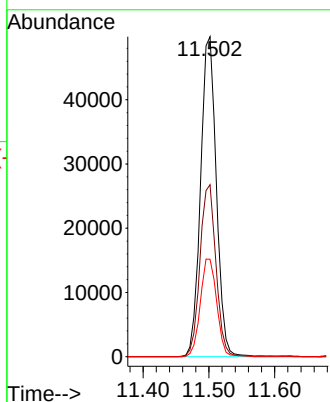
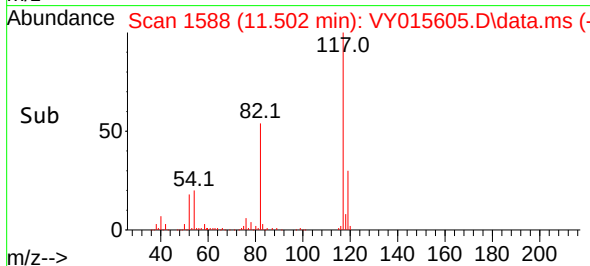
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1



Tgt Ion:117 Resp: 8307
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 30.5 26.3 39.5

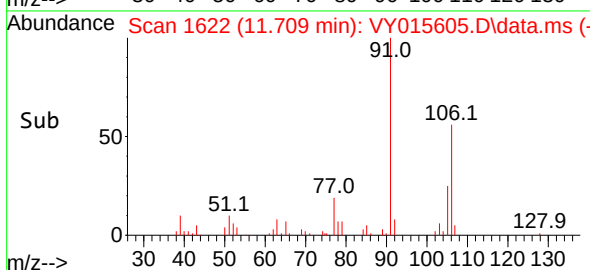
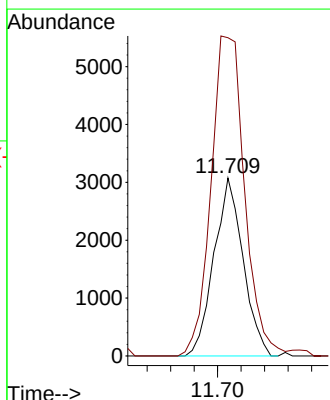
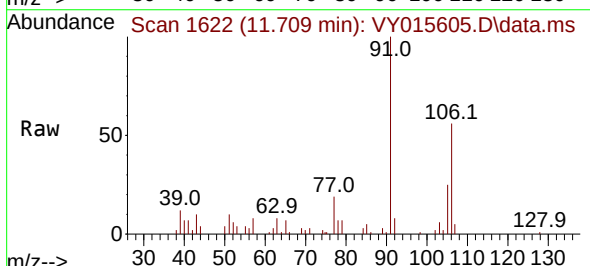
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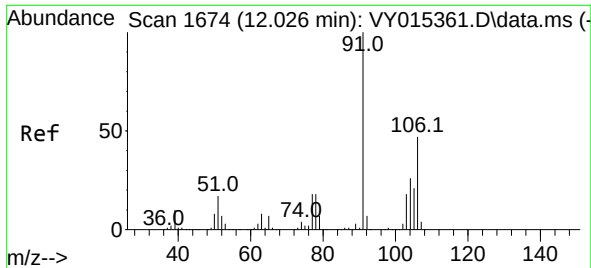
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#68
m/p-Xylenes
Concen: 4.243 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

Tgt Ion:106 Resp: 5287
Ion Ratio Lower Upper
106 100
91 209.5 166.1 249.1





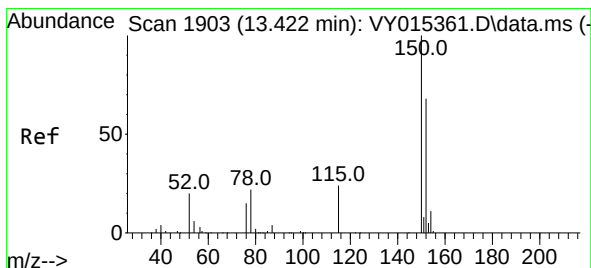
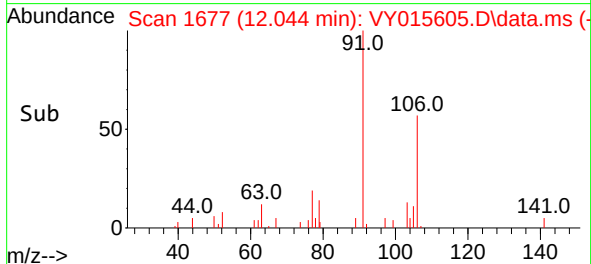
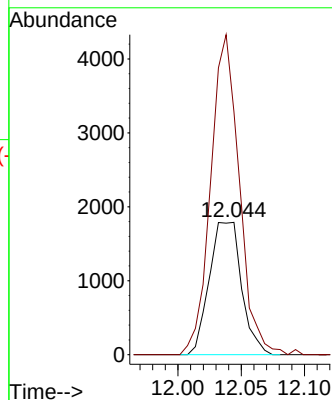
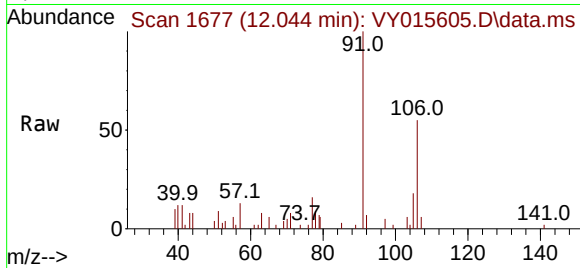
#69
o-Xylene
Concen: 2.670 ug/l
RT: 12.044 min Scan# 106
Delta R.T. 0.018 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1

Tgt Ion:106 Resp: 3179
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3

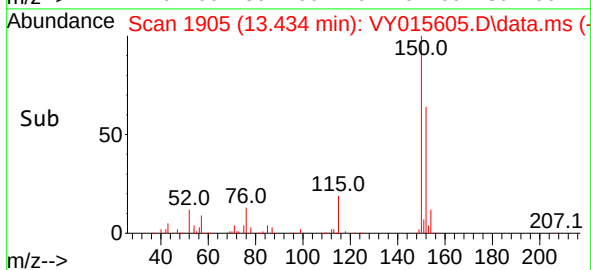
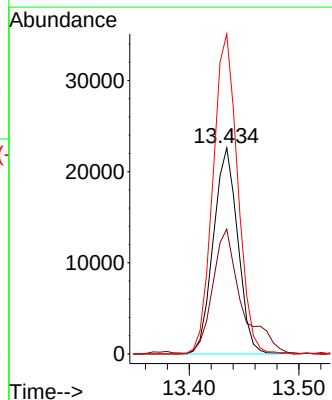
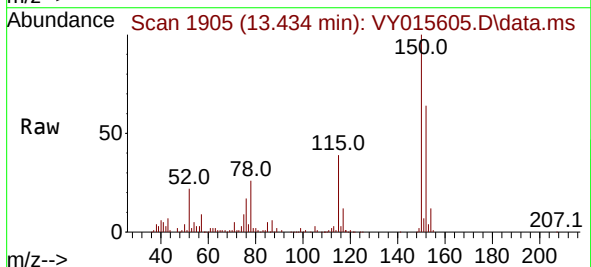
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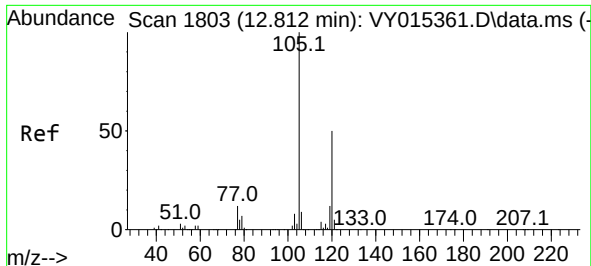
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Supervised By :Semsettin Yesilyurt 09/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

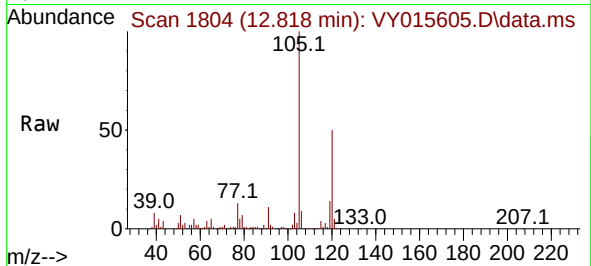
Tgt Ion:152 Resp: 35000
Ion Ratio Lower Upper
152 100
115 70.8 28.8 86.5
150 157.4 0.0 348.8





#80
1,3,5-Trimethylbenzene
Concen: 42.973 ug/l
RT: 12.818 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

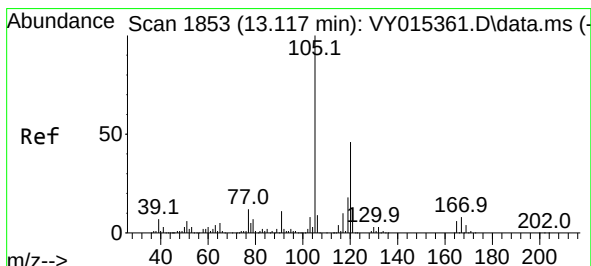
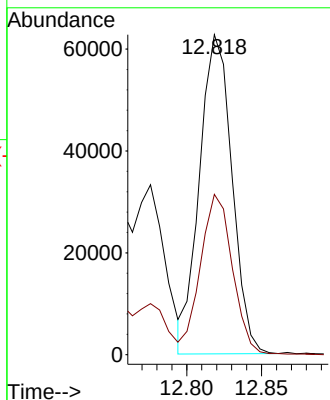
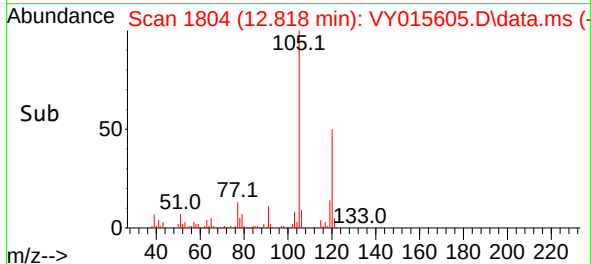
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1



Tgt Ion:105 Resp: 94490
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

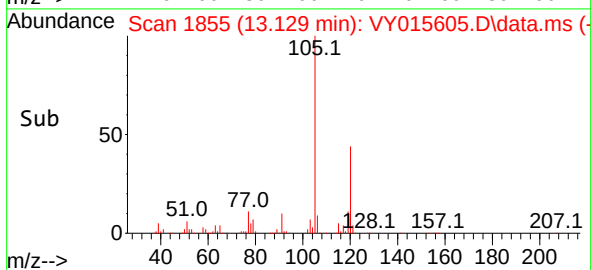
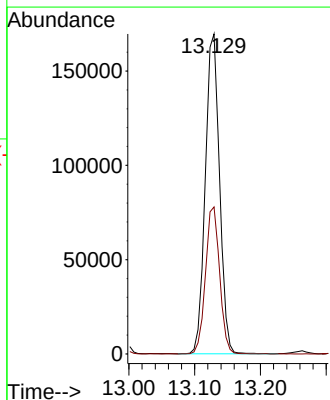
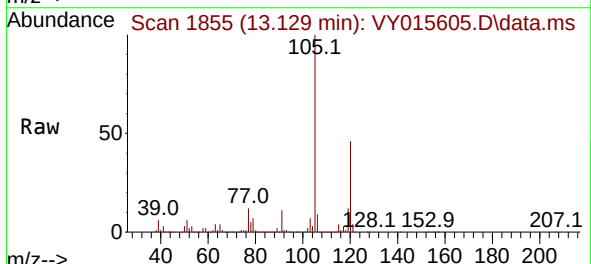
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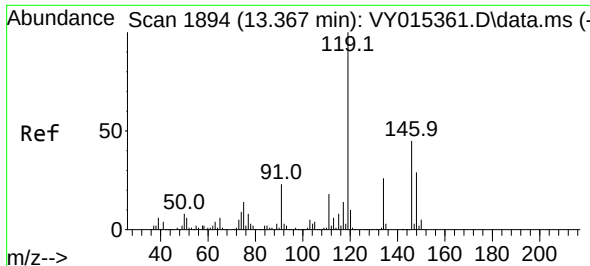
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 117.063 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

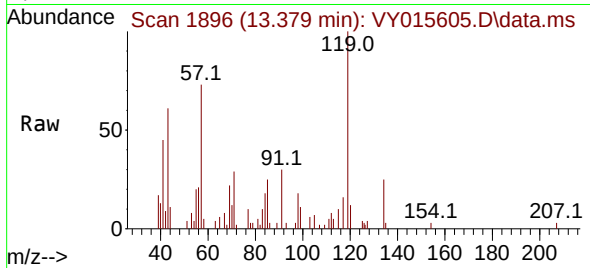
Tgt Ion:105 Resp: 255585
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#86
p-Isopropyltoluene
Concen: 1.803 ug/l
RT: 13.379 min Scan# 119
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

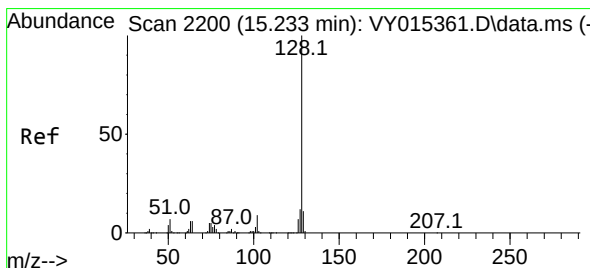
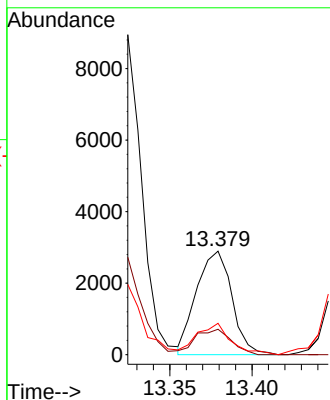
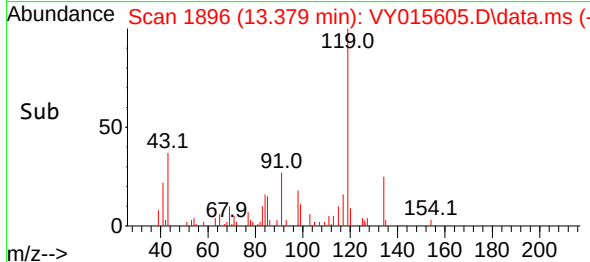
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1



Tgt Ion:119 Resp: 434
Ion Ratio Lower Upper
119 100
134 25.6 13.3 39.8
91 28.8 12.4 37.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/18/2023



#95
Naphthalene
Concen: 34.870 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY015605.D
Acq: 16 Sep 2023 06:18

Tgt Ion:128 Resp: 60853
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.4 8.6 13.0

