

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021605.D
 Acq On : 23 Dec 2021 11:39
 Operator : SY/VA
 Sample : M5174-01
 Misc : 4.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC12

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 01/02/2022

Quant Time: Dec 24 00:32:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114834	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	80670	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20393	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33513	16.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.080%		
7) Chloroethane-d5	2.873	69	26418	19.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.440%		
11) 1,1-Dichloroethene-d2	4.013	63	39748	14.255	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.040%		
21) 2-Butanone-d5	7.080	46	20407	69.221	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	138.440%#		
24) Chloroform-d	7.647	84	68837	21.510	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.040%		
26) 1,2-Dichloroethane-d4	8.305	65	40088	23.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.200%		
32) Benzene-d6	8.269	84	120521	27.256	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.040%		
36) 1,2-Dichloropropane-d6	9.275	67	36243	30.562	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.240%#		
41) Toluene-d8	10.323	98	100779	22.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	10.579	79	13570	24.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.400%		
47) 2-Hexanone-d5	10.921	63	16655	94.977	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	189.960%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25073	24.595	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.400%		
66) 1,2-Dichlorobenzene-d4	13.847	152	14825	18.758	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.040%		
Target Compounds						Qvalue
13) Acetone	4.154	43	3167	11.983	ug/L	95
22) 2-Butanone	7.183	43	901	2.611	ug/L	86
29) Cyclohexane	7.958	56	845m	0.526	ug/L	
35) Methylcyclohexane	9.329	83	2719	1.336	ug/L	89
42) Toluene	10.390	91	10522	2.047	ug/L	93
46) Tetrachloroethene	10.860	164	4406	3.760	ug/L	95
52) Ethylbenzene	11.731	91	6895	1.174	ug/L	98
53) m,p-Xylene	11.835	106	5250	2.216	ug/L	86
54) o-Xylene	12.164	106	3451	1.535	ug/L	93
60) Isopropylbenzene	12.463	105	1745	0.630	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	6569	2.786	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	13620	5.855	ug/L	99

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

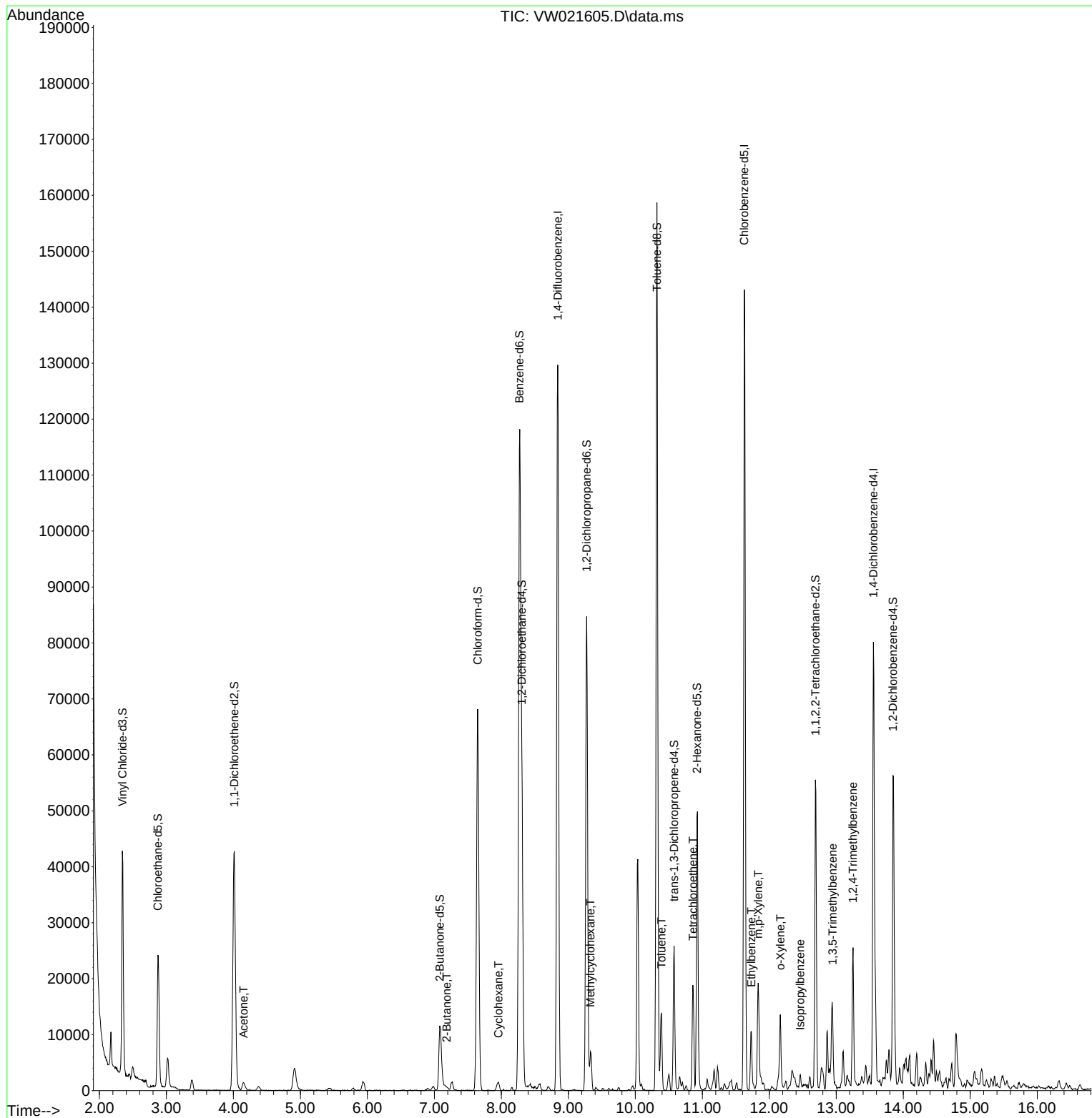
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021605.D
Acq On : 23 Dec 2021 11:39
Operator : SY/VA
Sample : M5174-01
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
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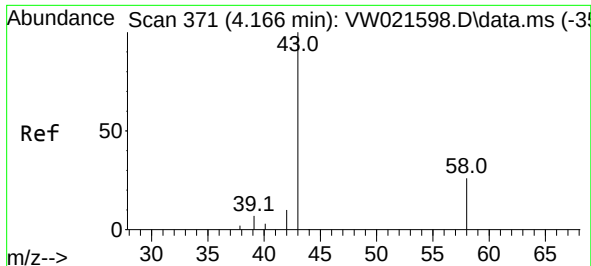
Instrument :
MSVOA_W
ClientSampleId :
GBC12

Quant Time: Dec 24 00:32:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration

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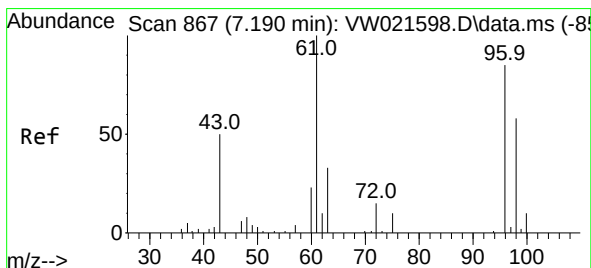
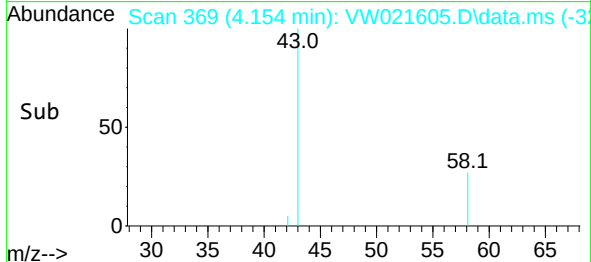
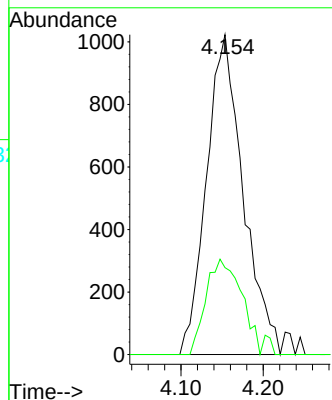
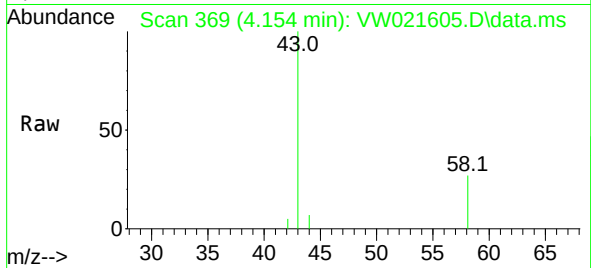
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Acetone
Concen: 11.983 ug/L
RT: 4.154 min Scan# 316
Delta R.T. -0.012 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Instrument :
MSVOA_W
ClientSampleId :
GBC12

Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 28.9 0.0 52.8

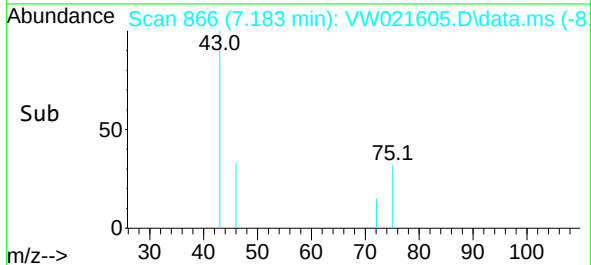
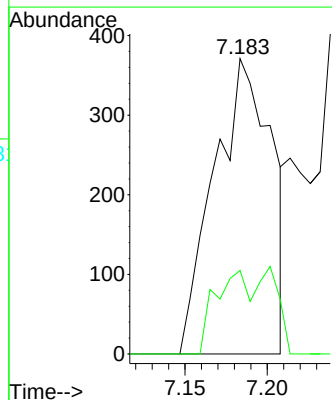
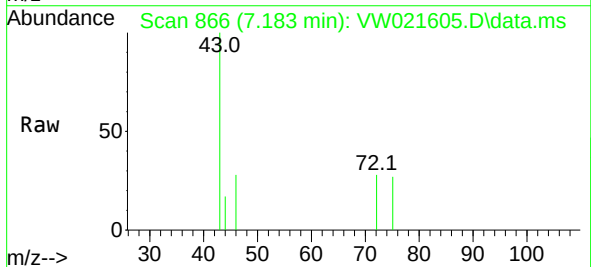
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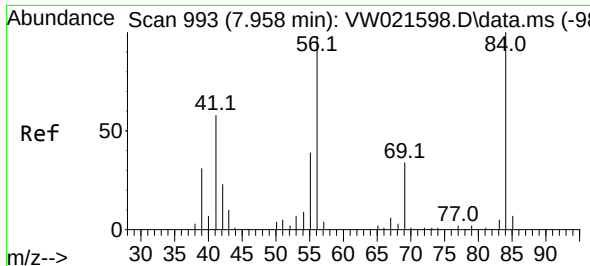
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#22
2-Butanone
Concen: 2.611 ug/L
RT: 7.183 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
72 16.9 11.8 35.4





#29

Cyclohexane

Concen: 0.526 ug/L m

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021605.D

Acq: 23 Dec 2021 11:39

Instrument :

MSVOA_W

ClientSampleId :

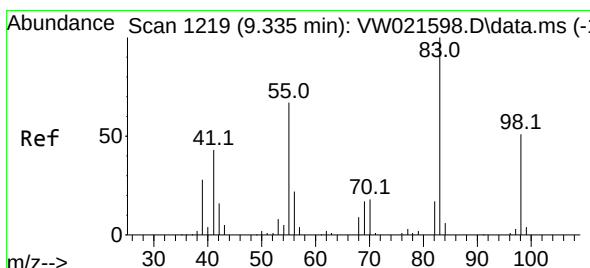
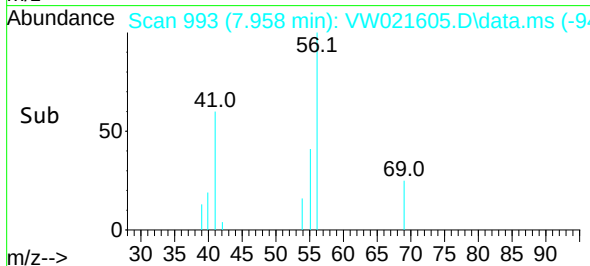
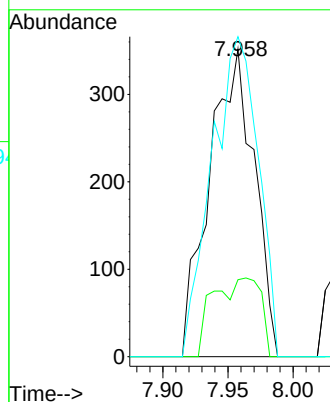
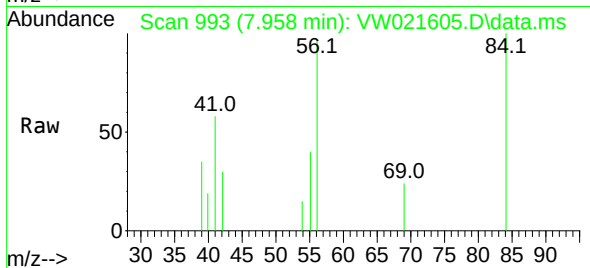
GBC12

Tgt Ion:	56	Resp:	84
Ion Ratio	Lower	Upper	
56	100		
69	14.7	23.5	35.3
84	107.5	63.4	95.2

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#35

Methylcyclohexane

Concen: 1.336 ug/L

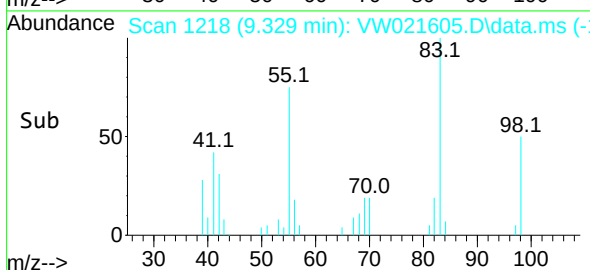
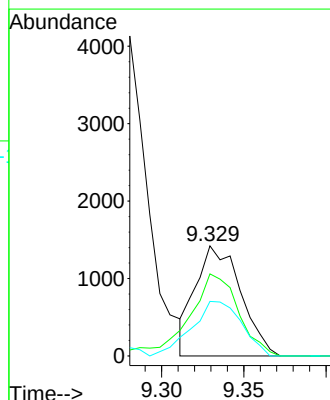
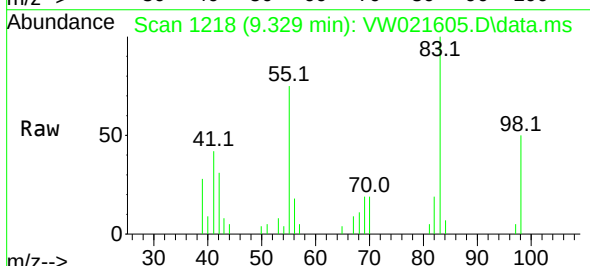
RT: 9.329 min Scan# 1218

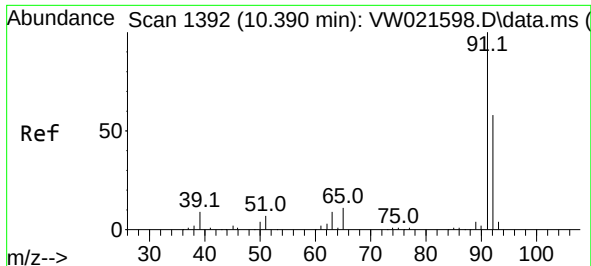
Delta R.T. -0.006 min

Lab File: VW021605.D

Acq: 23 Dec 2021 11:39

Tgt Ion:	83	Resp:	2719
Ion Ratio	Lower	Upper	
83	100		
55	78.3	70.8	106.2
98	54.6	37.7	56.5





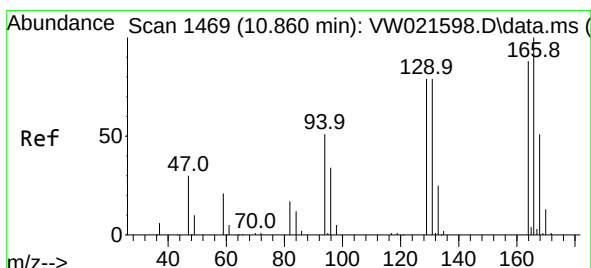
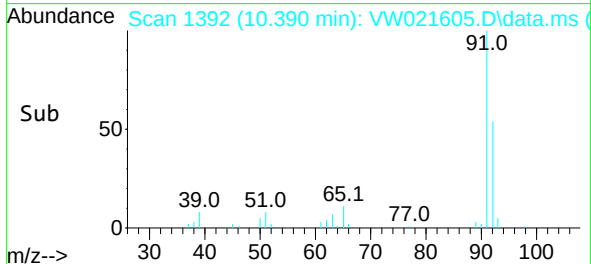
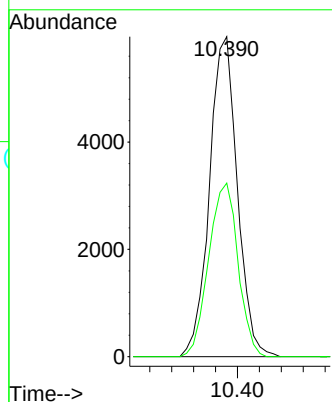
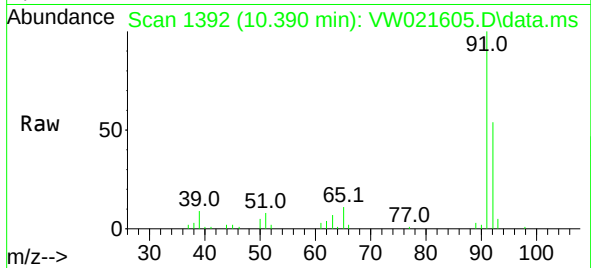
#42
Toluene
Concen: 2.047 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Instrument :
MSVOA_W
ClientSampleId :
GBC12

Tgt Ion: 91 Resp: 1052
Ion Ratio Lower Upper
91 100
92 54.2 41.7 77.5

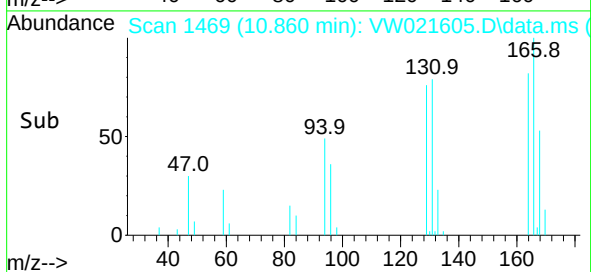
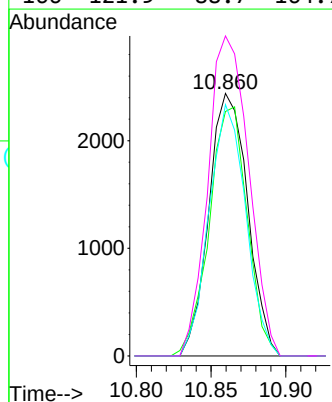
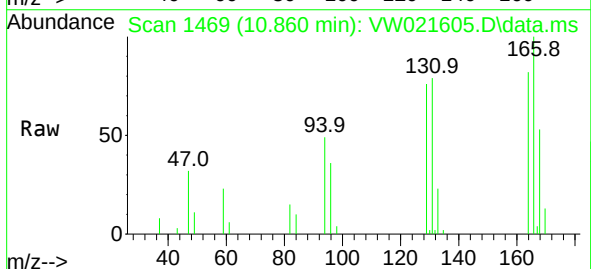
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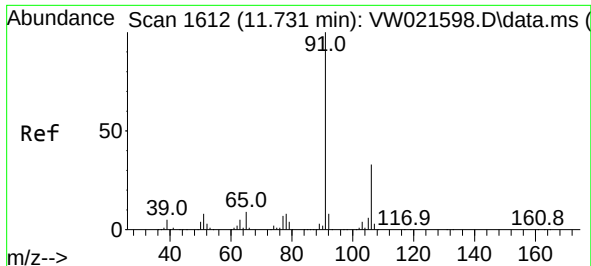
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#46
Tetrachloroethene
Concen: 3.760 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Tgt Ion:164 Resp: 4406
Ion Ratio Lower Upper
164 100
129 93.1 65.5 121.7
131 95.7 59.7 110.9
166 121.9 88.7 164.7





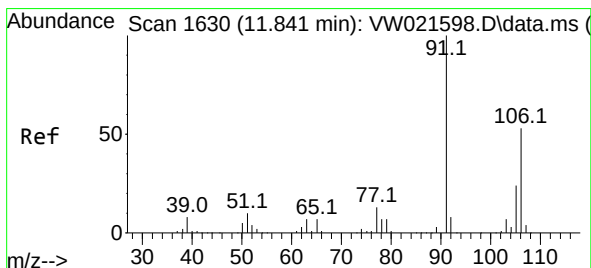
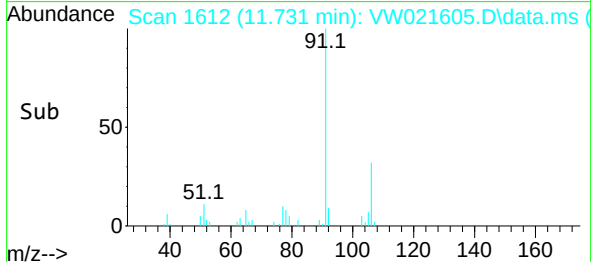
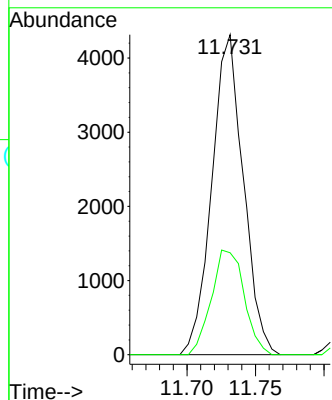
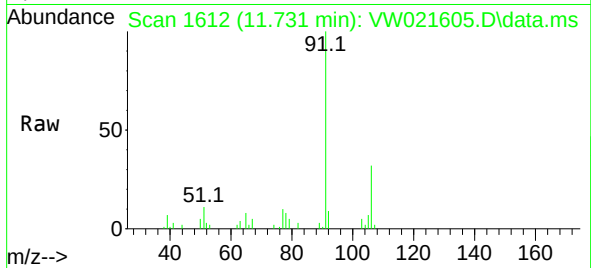
#52
Ethylbenzene
Concen: 1.174 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Instrument :
MSVOA_W
ClientSampleId :
GBC12

Tgt Ion: 91 Resp: 689
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9

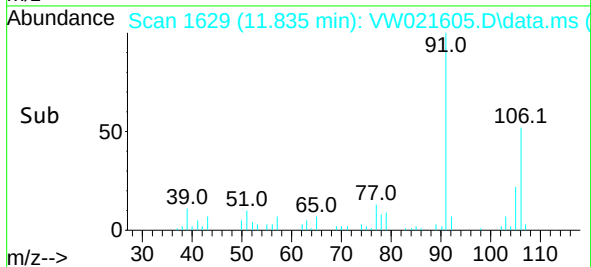
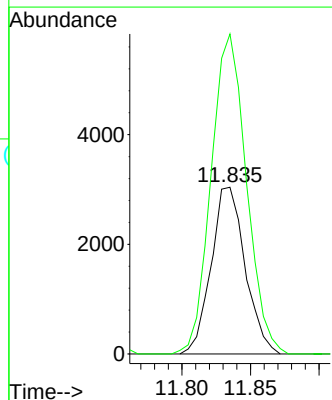
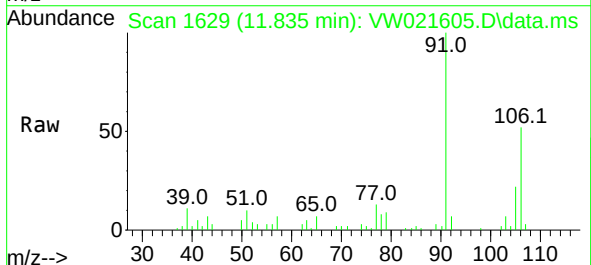
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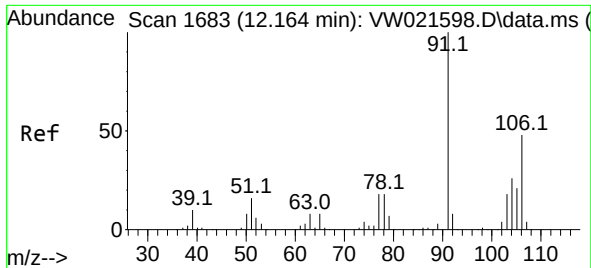
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#53
m,p-Xylene
Concen: 2.216 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Tgt Ion:106 Resp: 5250
Ion Ratio Lower Upper
106 100
91 191.9 149.9 278.3





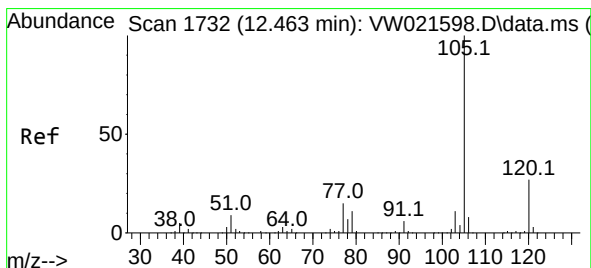
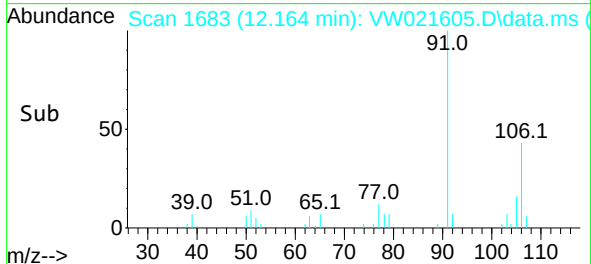
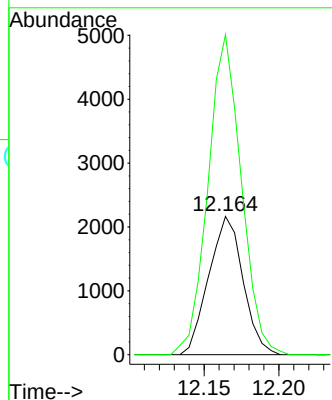
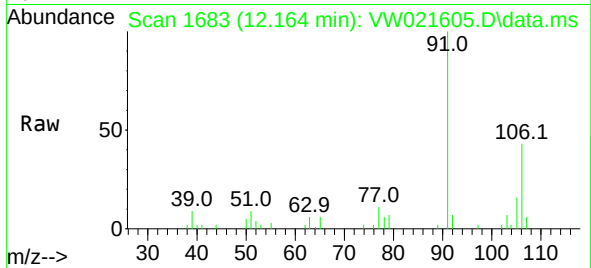
#54
o-Xylene
Concen: 1.535 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Instrument :
MSVOA_W
ClientSampleId :
GBC12

Tgt Ion:106 Resp: 345
Ion Ratio Lower Upper
106 100
91 231.3 153.6 285.3

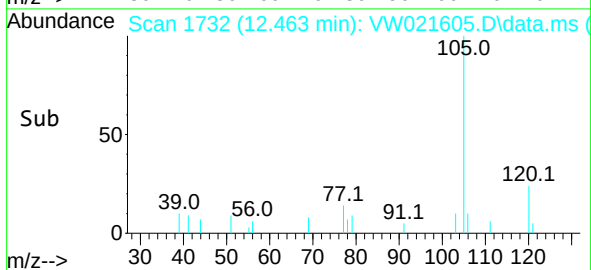
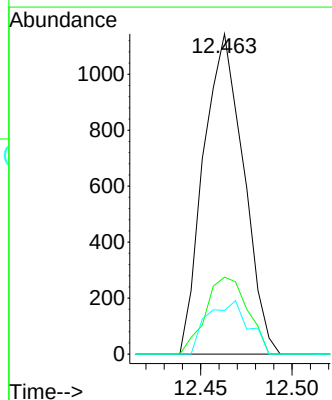
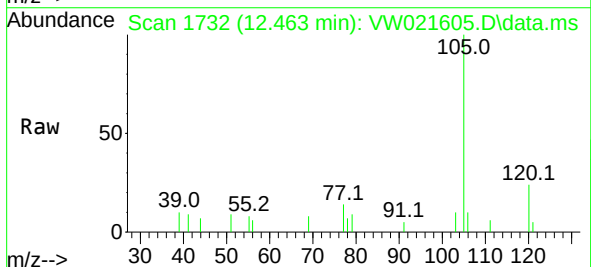
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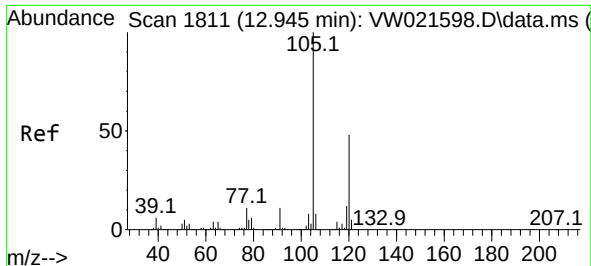
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#60
Isopropylbenzene
Concen: 0.630 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

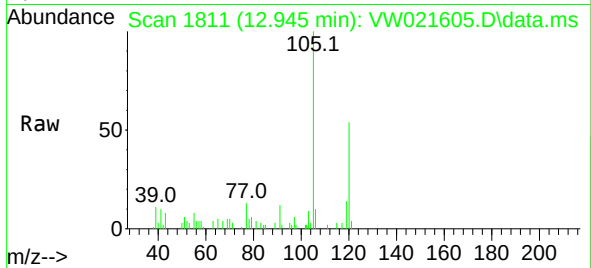
Tgt Ion:105 Resp: 1745
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.0 13.8 20.8





#62
1,3,5-Trimethylbenzene
Concen: 2.786 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

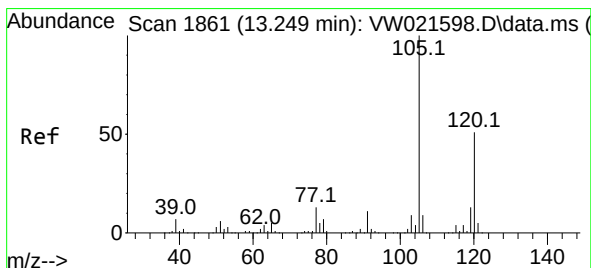
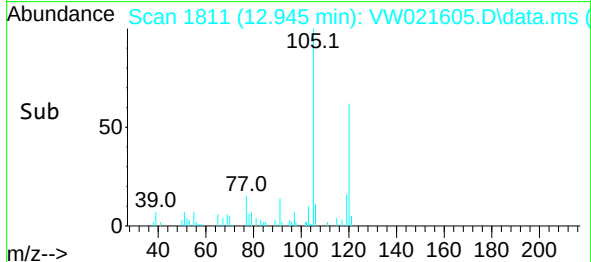
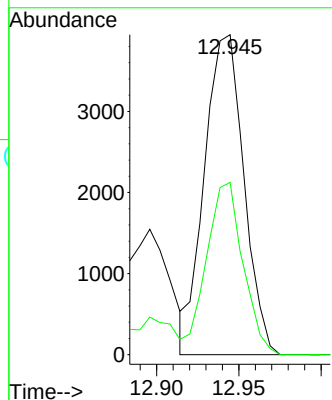
Instrument :
MSVOA_W
ClientSampleId :
GBC12



Tgt Ion:105 Resp: 6569
Ion Ratio Lower Upper
105 100
120 50.0 37.4 56.2

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 5.855 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021605.D
Acq: 23 Dec 2021 11:39

Tgt Ion:105 Resp: 13620
Ion Ratio Lower Upper
105 100
120 44.1 35.0 52.6

