

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021611.D
 Acq On : 23 Dec 2021 14:03
 Operator : SY/VA
 Sample : M5174-07
 Misc : 6.59g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC18

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 00:33:26 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	8.848	114	84347	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	53144	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	26729	17.400	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.600%		
7) Chloroethane-d5	2.873	69	19913	19.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.440%		
11) 1,1-Dichloroethene-d2	4.007	63	29519	14.413	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.640%		
21) 2-Butanone-d5	7.086	46	20045	92.569	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	185.140%#		
24) Chloroform-d	7.647	84	55900	23.782	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.120%		
26) 1,2-Dichloroethane-d4	8.305	65	37322	29.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	119.400%		
32) Benzene-d6	8.275	84	94181	32.331	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	129.320%		
36) 1,2-Dichloropropane-d6	9.274	67	29914	38.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	153.160%#		
41) Toluene-d8	10.323	98	70103	23.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.200%		
43) trans-1,3-Dichloroprop...	10.579	79	12166	33.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	135.280%#		
47) 2-Hexanone-d5	10.920	63	16285	140.967	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	281.940%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	26834	39.956	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	159.840%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	10373	20.992	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.960%		
Target Compounds						Qvalue
13) Acetone	4.153	43	23907	123.154	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	3823m	3.377	ug/L	
20) cis-1,2-Dichloroethene	7.165	96	1415	1.185	ug/L	65
22) 2-Butanone	7.189	43	8877m	35.016	ug/L	
33) Benzene	8.323	78	30918	10.680	ug/L	100
34) Trichloroethene	9.091	95	688	0.847	ug/L	91
35) Methylcyclohexane	9.341	83	801	0.598	ug/L	# 91
42) Toluene	10.390	91	33259	9.823	ug/L	95
52) Ethylbenzene	11.731	91	5690	1.471	ug/L	100
53) m,p-Xylene	11.835	106	3216	2.060	ug/L	88
54) o-Xylene	12.164	106	1332	0.899	ug/L	92

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

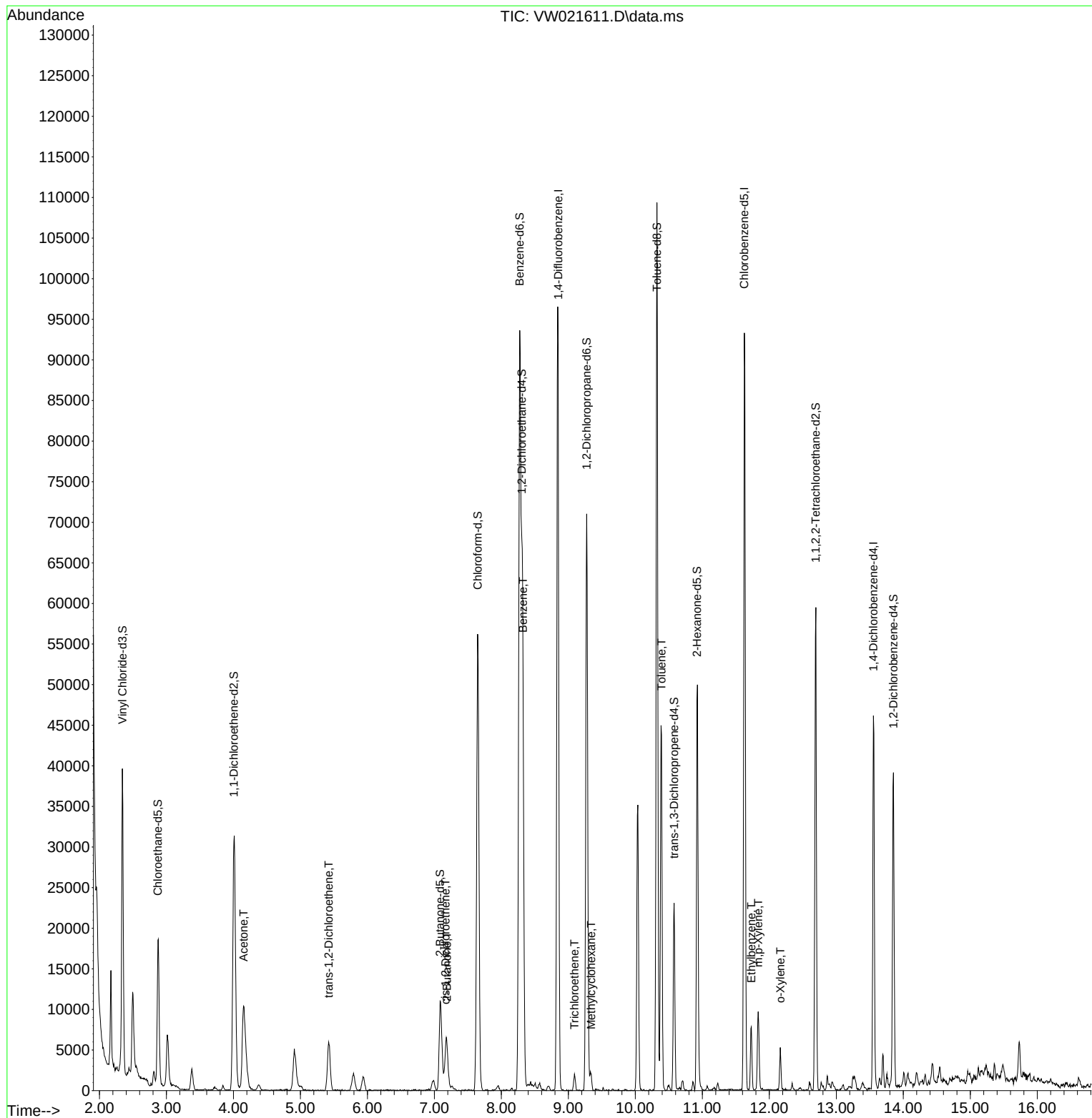
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021611.D
Acq On : 23 Dec 2021 14:03
Operator : SY/VA
Sample : M5174-07
Misc : 6.59g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

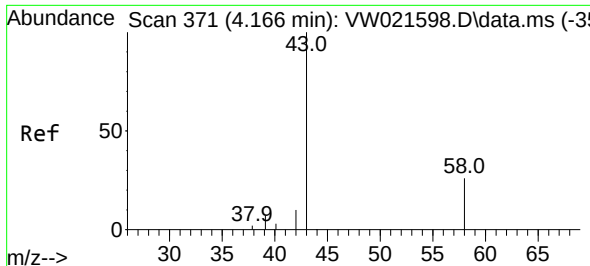
Instrument :
MSVOA_W
ClientSampleId :
GBC18

Quant Time: Dec 24 00:33:26 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

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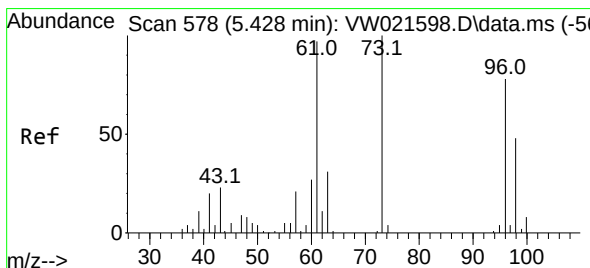
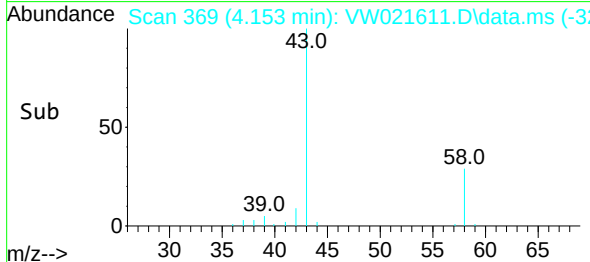
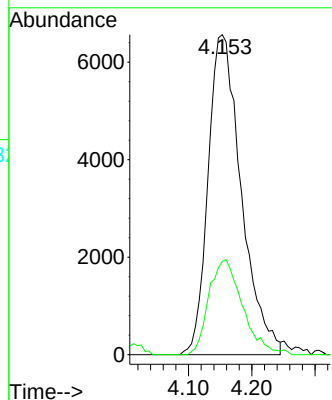
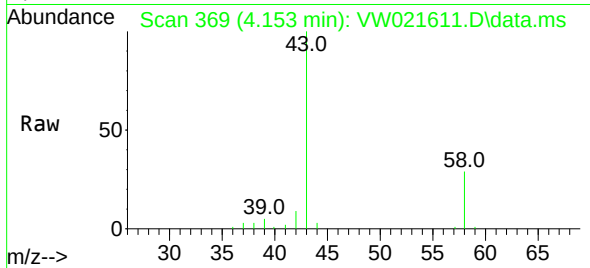
#13
Acetone
Concen: 123.154 ug/L
RT: 4.153 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Instrument :
MSVOA_W
ClientSampleId :
GBC18

Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 30.0 0.0 52.8

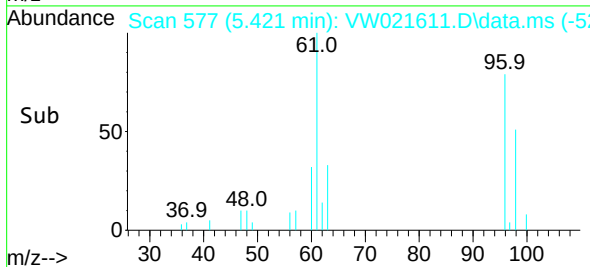
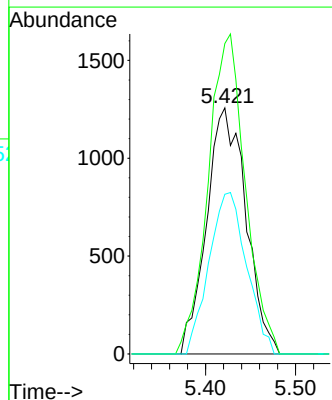
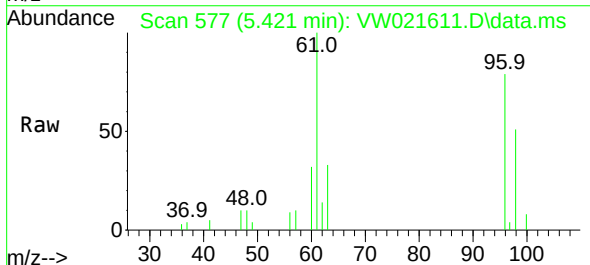
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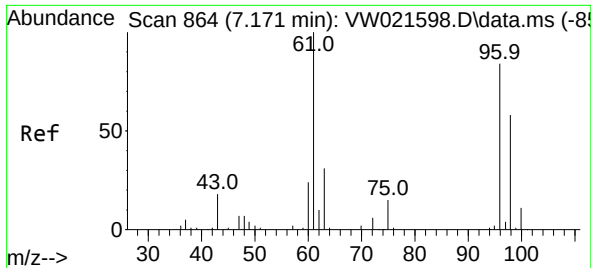
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#17
trans-1,2-Dichloroethene
Concen: 3.377 ug/L m
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

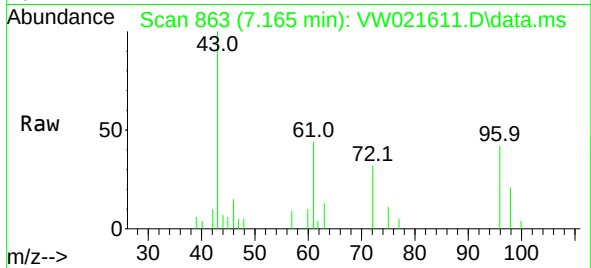
Tgt Ion: 96 Resp: 3823
Ion Ratio Lower Upper
96 100
61 126.2 107.4 199.4
98 64.9 41.2 76.6





#20
cis-1,2-Dichloroethene
Concen: 1.185 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

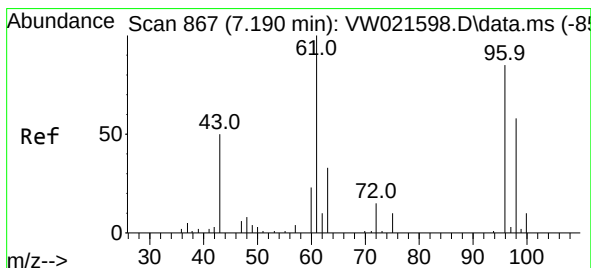
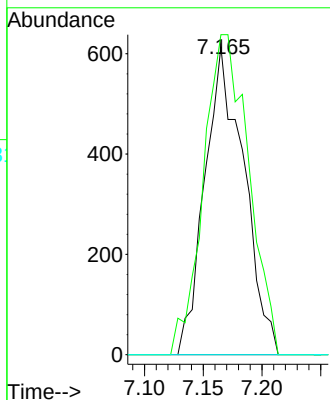
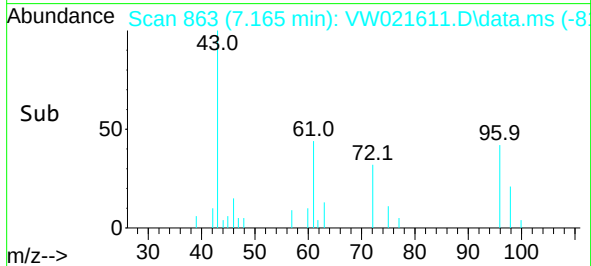
Instrument :
MSVOA_W
ClientSampleId :
GBC18



Tgt Ion: 96 Resp: 141
Ion Ratio Lower Upper
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61 103.9 103.7 192.7
68 0.0 0.0 0.0

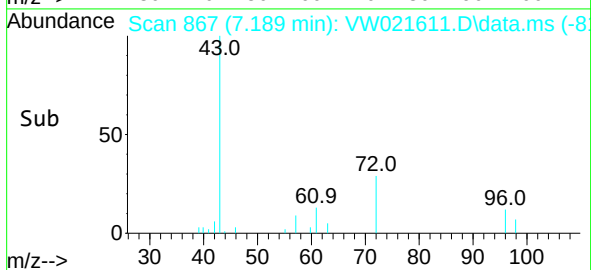
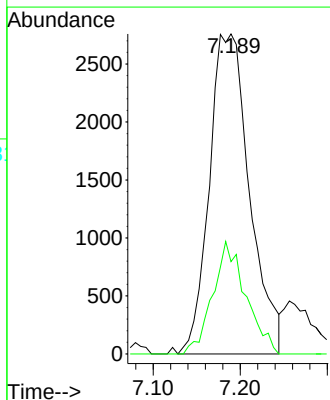
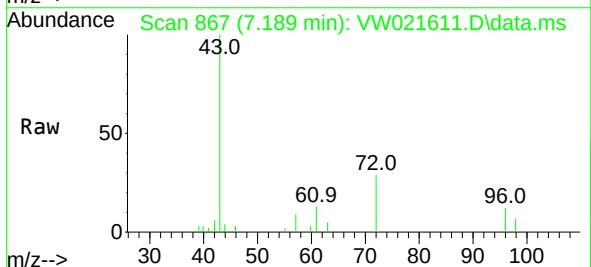
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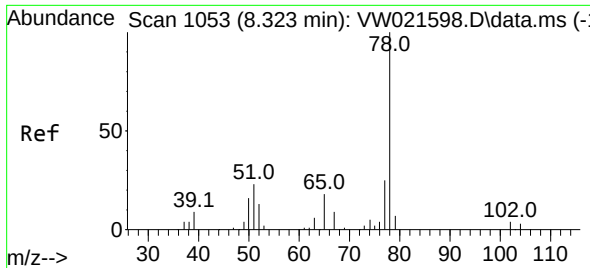
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#22
2-Butanone
Concen: 35.016 ug/L m
RT: 7.189 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Tgt Ion: 43 Resp: 8877
Ion Ratio Lower Upper
43 100
72 27.7 11.8 35.4





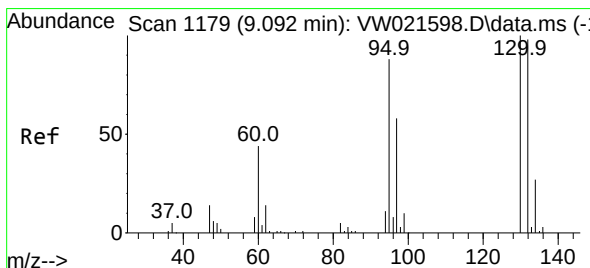
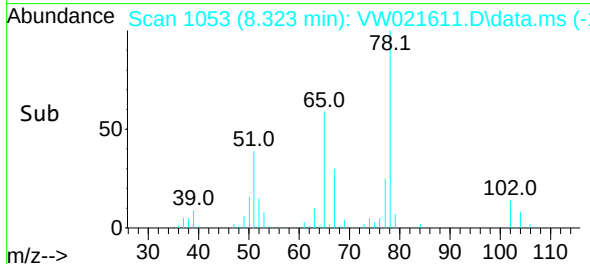
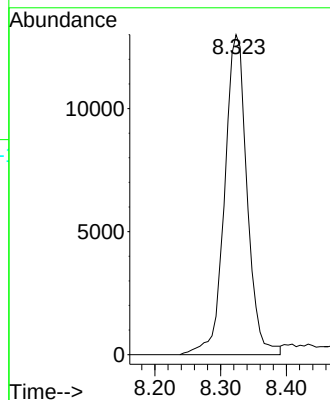
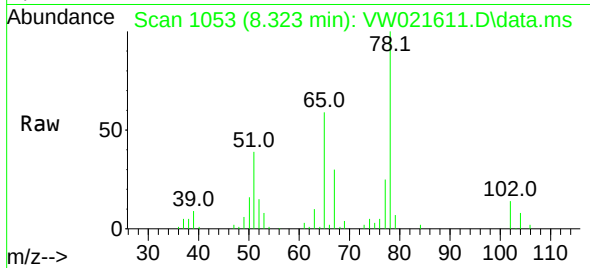
#33
Benzene
Concen: 10.680 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Instrument :
MSVOA_W
ClientSampleId :
GBC18

Tgt Ion: 78 Resp: 30918

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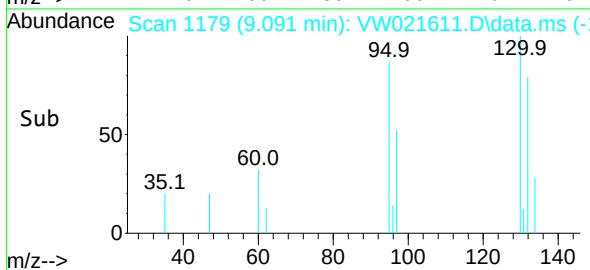
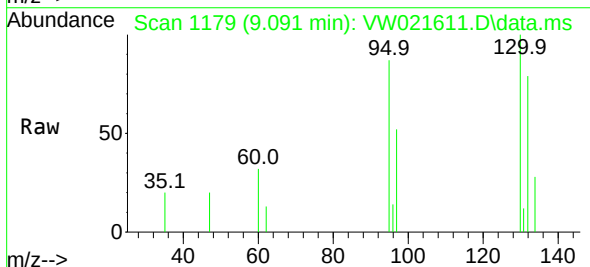
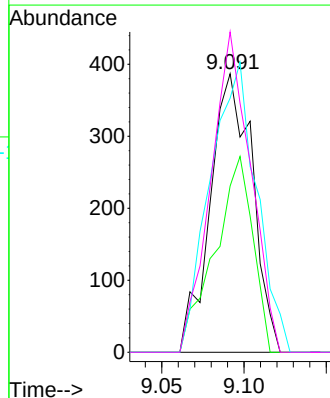
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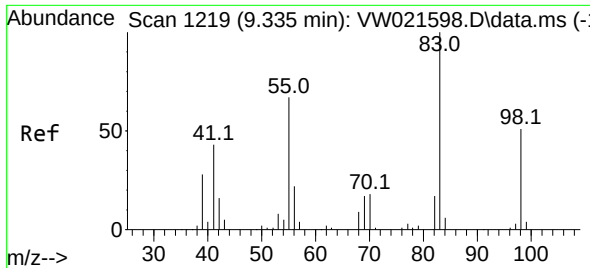


#34
Trichloroethene
Concen: 0.847 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Tgt Ion: 95 Resp: 688

Ion	Ratio	Lower	Upper
95	100		
97	59.7	47.0	87.2
132	91.2	65.5	121.6
130	115.0	69.4	128.8





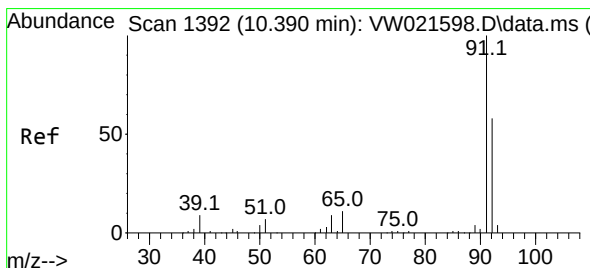
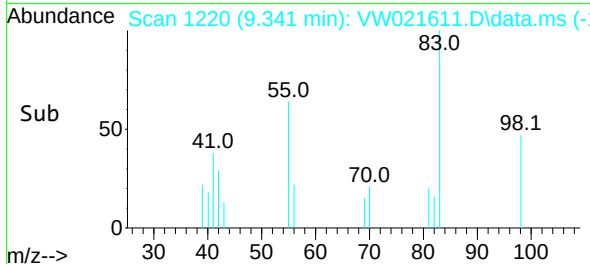
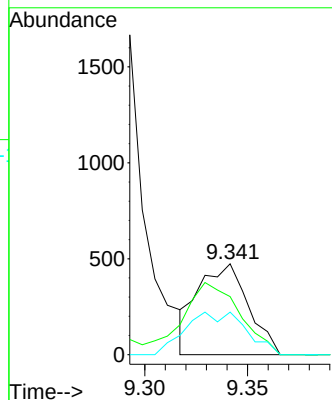
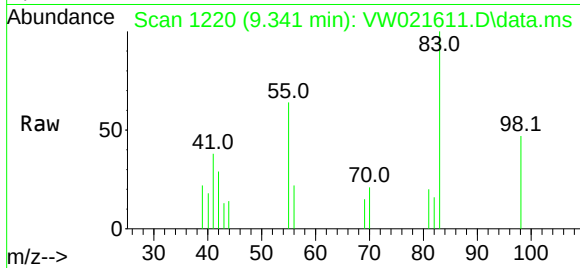
#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 9.341 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Instrument :
MSVOA_W
ClientSampleId :
GBC18

Tgt Ion: 83 Resp: 800
Ion Ratio Lower Upper
83 100
55 91.3 70.8 106.2
98 33.5 37.7 56.5

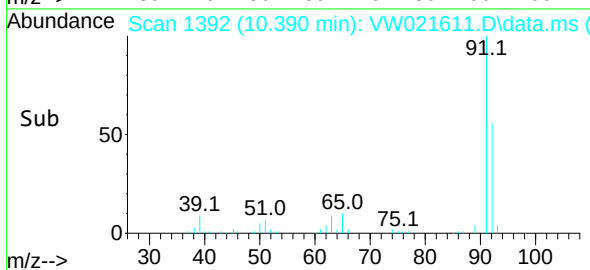
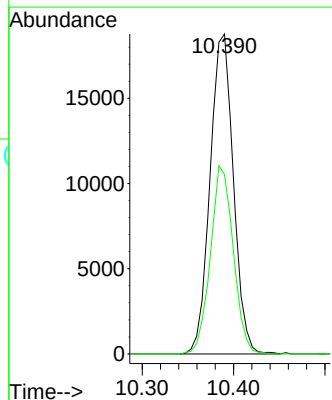
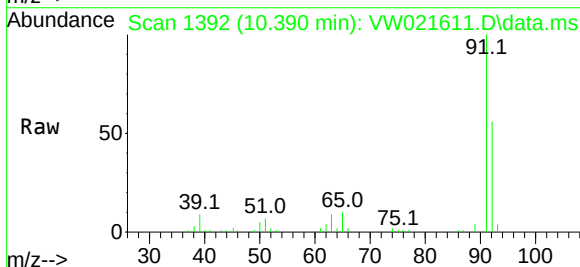
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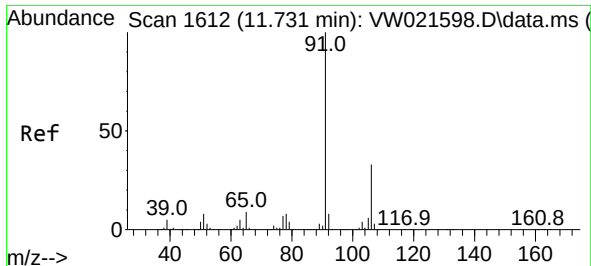
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#42
Toluene
Concen: 9.823 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Tgt Ion: 91 Resp: 33259
Ion Ratio Lower Upper
91 100
92 56.0 41.7 77.5





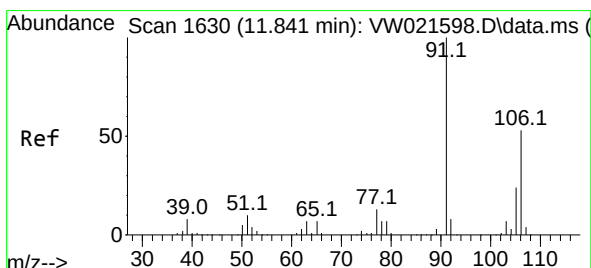
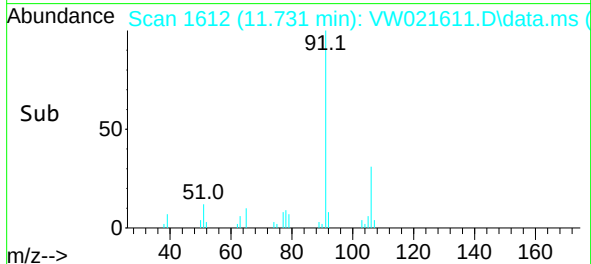
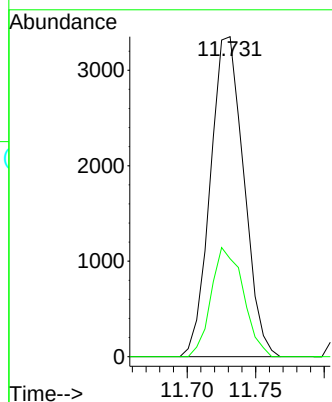
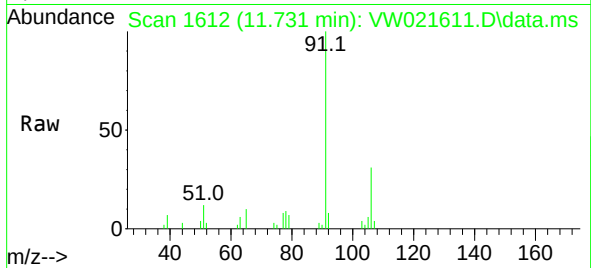
#52
Ethylbenzene
Concen: 1.471 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Instrument :
MSVOA_W
ClientSampleId :
GBC18

Tgt Ion: 91 Resp: 5690
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9

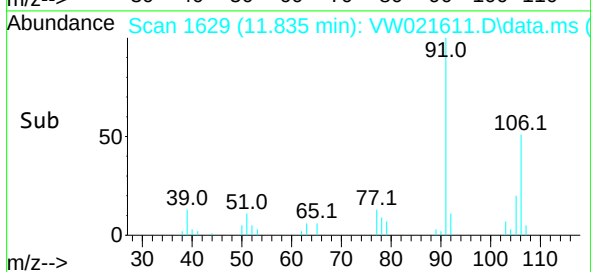
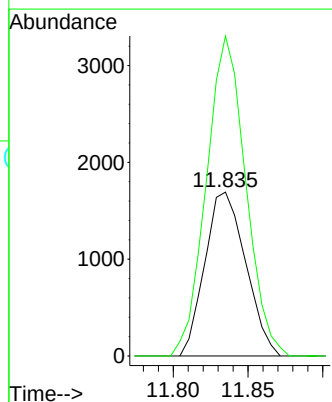
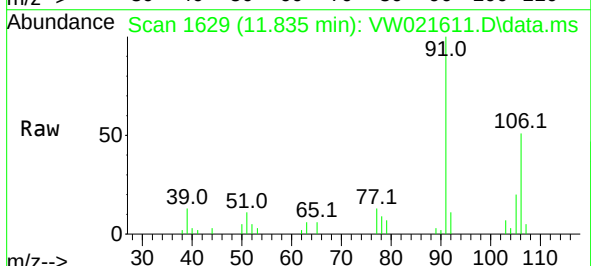
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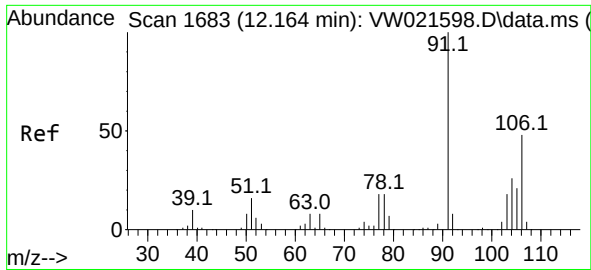
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022



#53
m,p-Xylene
Concen: 2.060 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

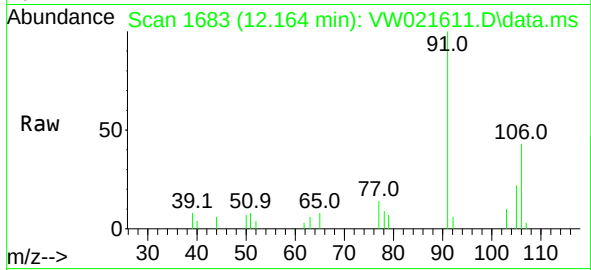
Tgt Ion:106 Resp: 3216
Ion Ratio Lower Upper
106 100
91 195.3 149.9 278.3





#54
o-Xylene
Concen: 0.899 ug/L
RT: 12.164 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW021611.D
Acq: 23 Dec 2021 14:03

Instrument :
MSVOA_W
ClientSampleId :
GBC18



Tgt Ion:106 Resp: 1332
Ion Ratio Lower Upper
106 100
91 232.2 153.6 285.3

Manual Integrations
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