

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021500.D
 Acq On : 20 Dec 2021 16:00
 Operator : SY/VA
 Sample : M5171-10
 Misc : 6.57g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA6

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2021
 Supervised By : Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	152461	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	124725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	41525	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25016	9.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.040%
7) Chloroethane-d5	2.885	69	22530	12.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.080%
11) 1,1-Dichloroethene-d2	4.013	63	41330	11.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.640%#
21) 2-Butanone-d5	7.080	46	29463	75.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.540%#
24) Chloroform-d	7.647	84	136435	32.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.440%
26) 1,2-Dichloroethane-d4	8.305	65	63227	27.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.920%
32) Benzene-d6	8.275	84	197097	28.830	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.320%
36) 1,2-Dichloropropane-d6	9.274	67	63538	34.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.600%#
41) Toluene-d8	10.323	98	172684	24.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.880%
43) trans-1,3-Dichloroprop...	10.579	79	23808	28.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.800%
47) 2-Hexanone-d5	10.921	63	25966	95.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	191.540%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	31244	19.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	36153m	22.465	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.840%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	54343	154.874	ug/L	86
14) Carbon disulfide	4.379	76	11756	2.409	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	39243	18.183	ug/L	69
29) Cyclohexane	7.927	56	38056	15.329	ug/L	# 1
33) Benzene	8.323	78	109380	16.098	ug/L	100
35) Methylcyclohexane	9.335	83	122348	38.887	ug/L	89
42) Toluene	10.390	91	1290472	162.397	ug/L	93
46) Tetrachloroethene	10.866	164	898	0.496	ug/L	94
51) Chlorobenzene	11.658	112	290069	54.523	ug/L	91
52) Ethylbenzene	11.731	91	5820508	640.972	ug/L	96
53) m,p-Xylene	11.841	106	7081615	1933.144	ug/L	76
54) o-Xylene	12.164	106	1611254	463.458	ug/L	86
60) Isopropylbenzene	12.463	105	12555240	2225.147	ug/L	# 90
62) 1,3,5-Trimethylbenzene	12.945	105	4625715	963.406	ug/L	91
63) 1,2,4-Trimethylbenzene	13.255	105	10491384	2215.030	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	262172	111.892	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	12599	7.875	ug/L	# 1

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Instrument :
MSVOA_W
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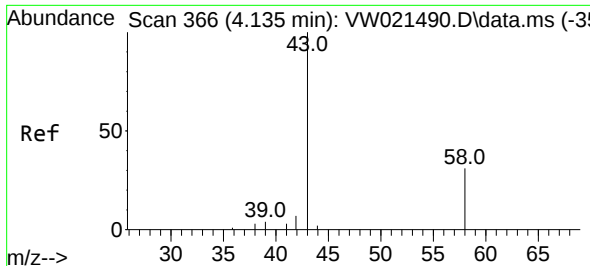
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

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

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



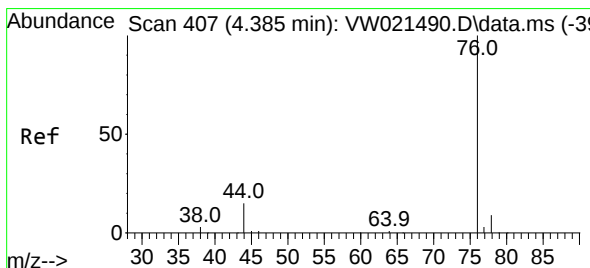
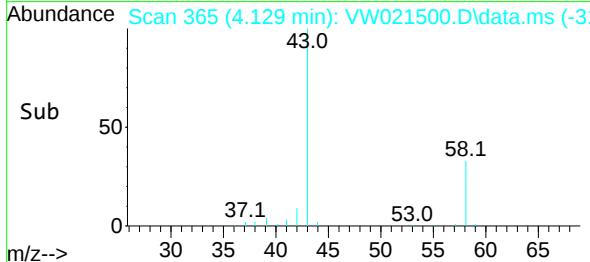
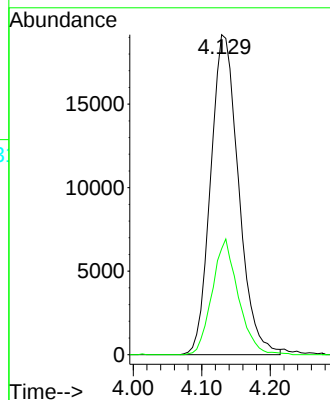
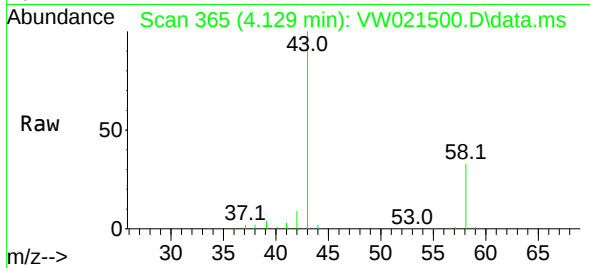
#13
Acetone
Concen: 154.874 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Tgt Ion: 43 Resp: 5434
Ion Ratio Lower Upper
43 100
58 33.4 0.0 52.8

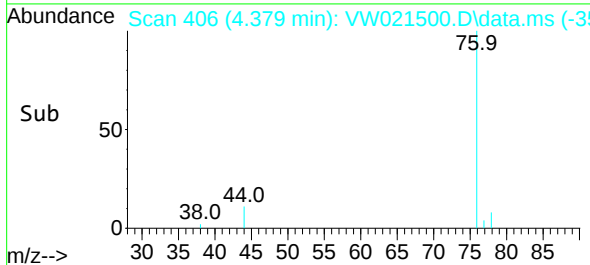
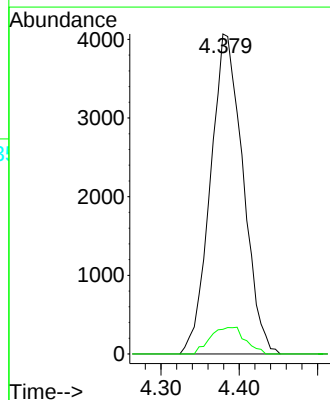
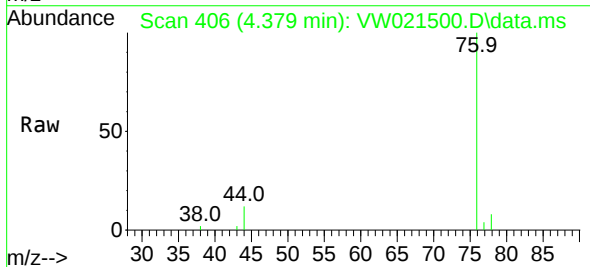
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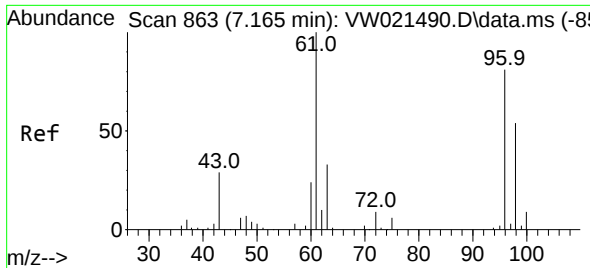
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#14
Carbon disulfide
Concen: 2.409 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

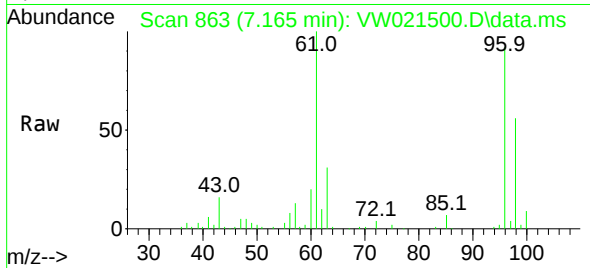
Tgt Ion: 76 Resp: 11756
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7





#20
 cis-1,2-Dichloroethene
 Concen: 18.183 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021500.D
 Acq: 20 Dec 2021 16:00

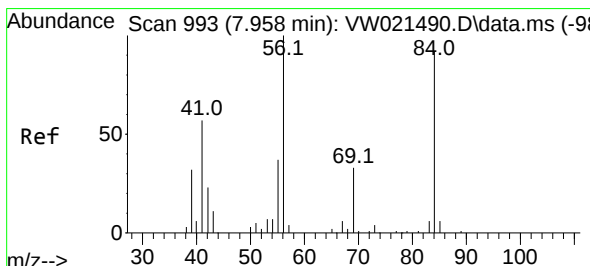
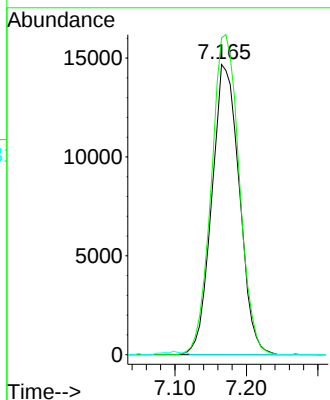
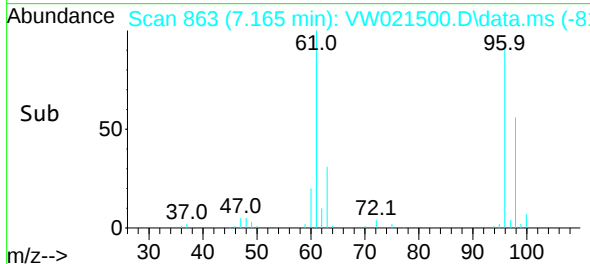
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA6



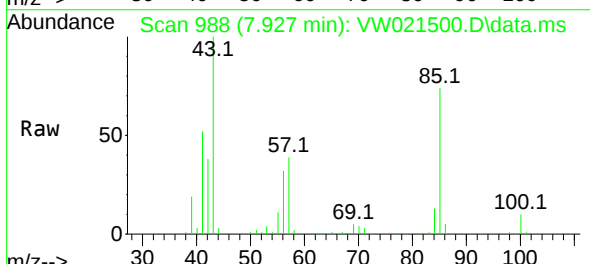
Tgt Ion: 96 Resp: 3924
 Ion Ratio Lower Upper
 96 100
 61 109.1 103.7 192.7
 68 0.0 0.0 0.0

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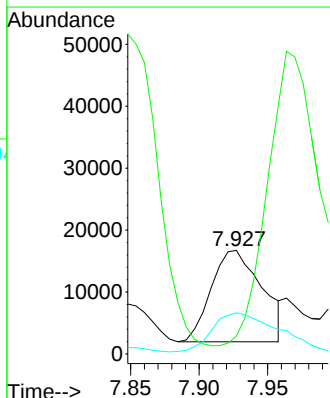
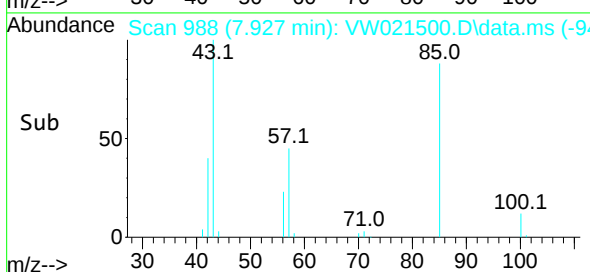
Reviewed By :Semsettin Yesilyurt 12/20/2021
 Supervised By :Amit Patel 12/24/2021

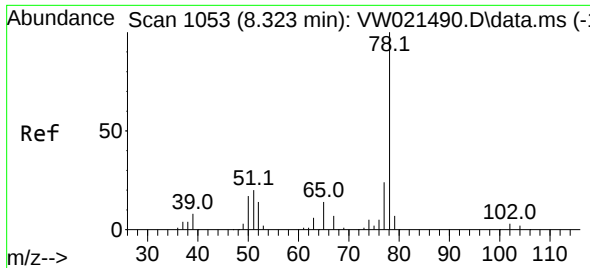


#29
 Cyclohexane
 Concen: 15.329 ug/L
 RT: 7.927 min Scan# 988
 Delta R.T. -0.024 min
 Lab File: VW021500.D
 Acq: 20 Dec 2021 16:00



Tgt Ion: 56 Resp: 38056
 Ion Ratio Lower Upper
 56 100
 69 353.6 23.5 35.3#
 84 62.1 63.4 95.2#





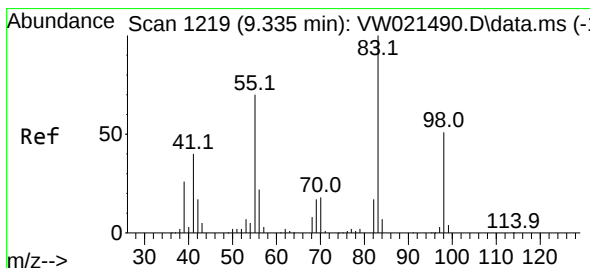
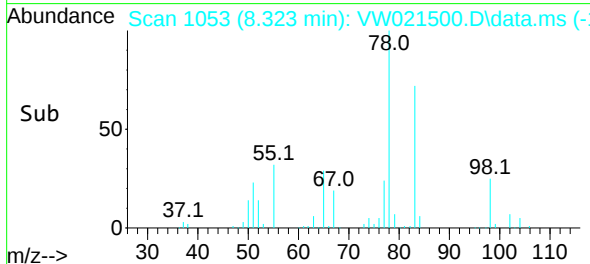
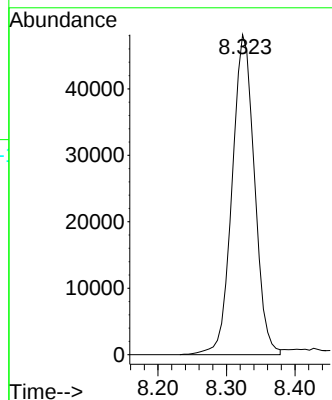
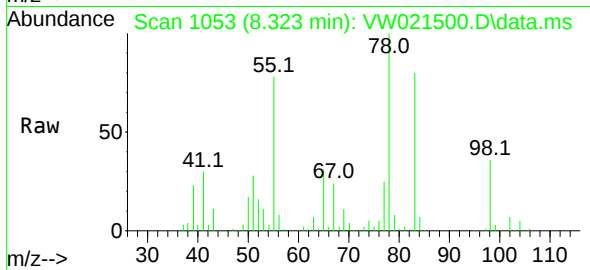
#33
Benzene
Concen: 16.098 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Tgt Ion: 78 Resp: 109380

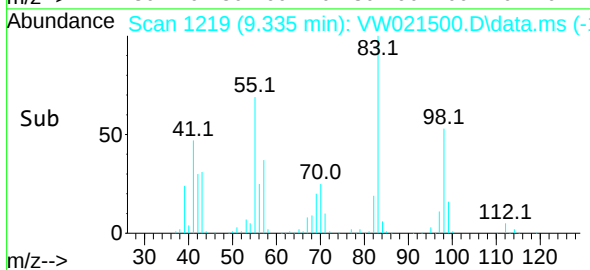
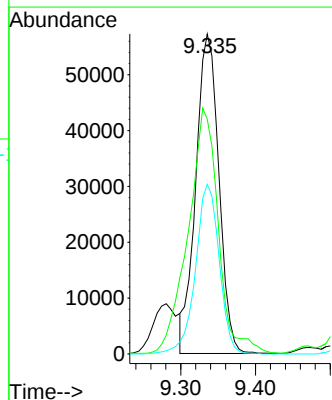
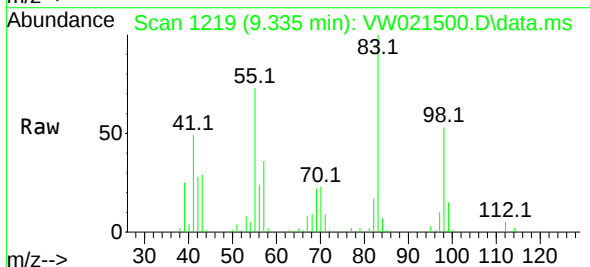
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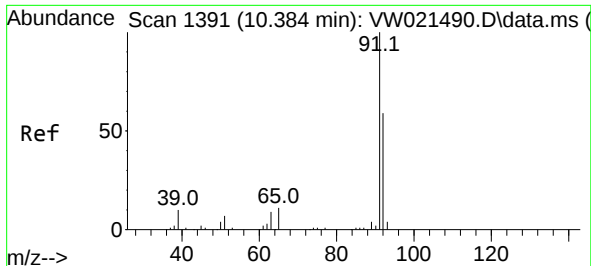
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#35
Methylcyclohexane
Concen: 38.887 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Tgt Ion: 83 Resp: 122348
Ion Ratio Lower Upper
83 100
55 98.1 70.8 106.2
98 54.8 37.7 56.5





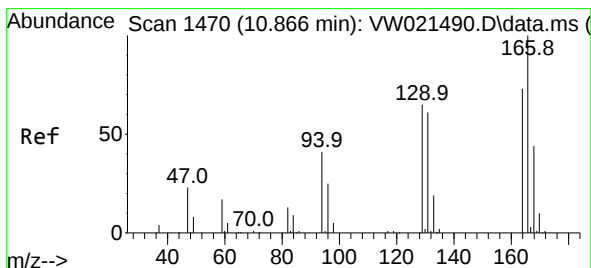
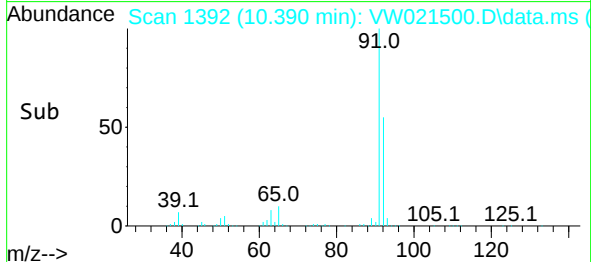
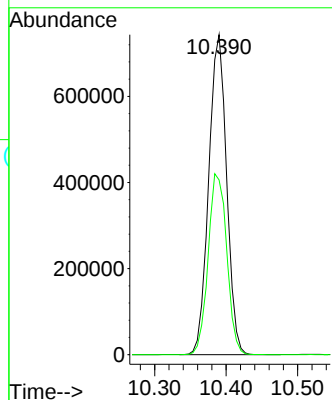
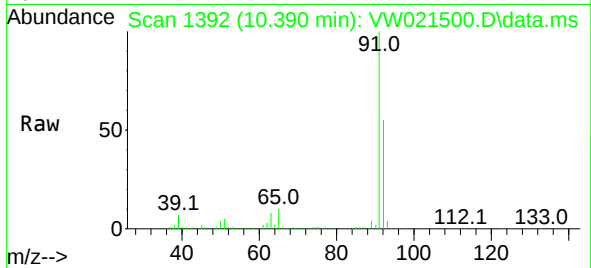
#42
Toluene
Concen: 162.397 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Tgt Ion: 91 Resp: 1290472
Ion Ratio Lower Upper
91 100
92 54.6 41.7 77.5

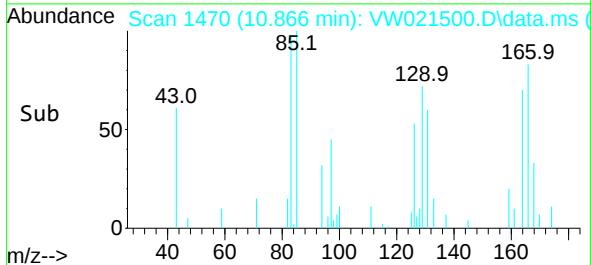
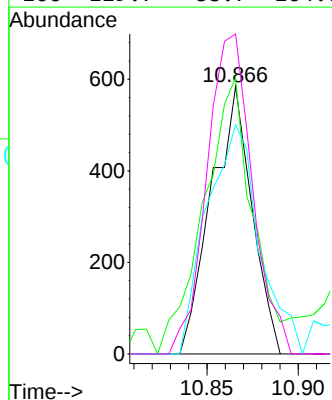
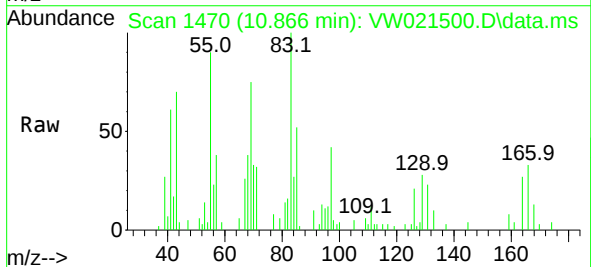
Manual Integrations
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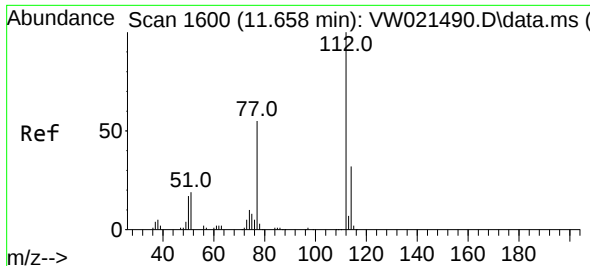
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#46
Tetrachloroethene
Concen: 0.496 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

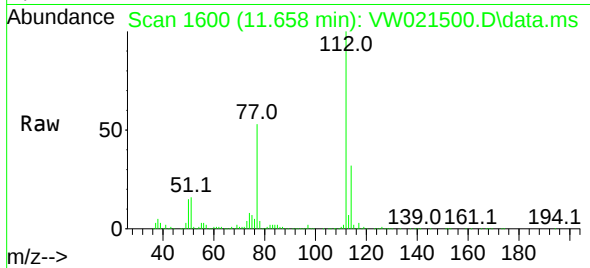
Tgt Ion:164 Resp: 898
Ion Ratio Lower Upper
164 100
129 103.3 65.5 121.7
131 85.8 59.7 110.9
166 119.7 88.7 164.7





#51
Chlorobenzene
Concen: 54.523 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

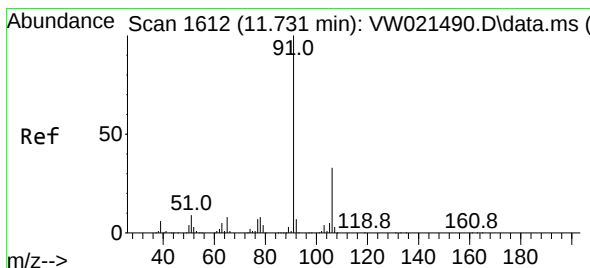
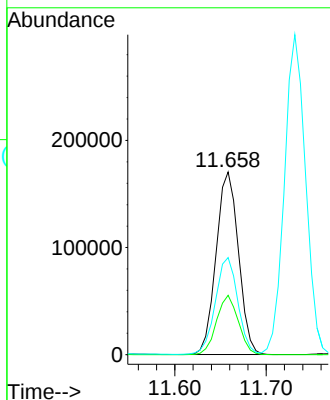
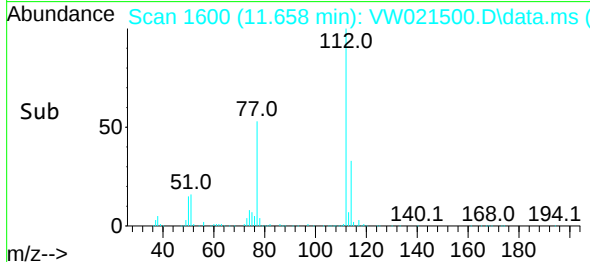
Instrument :
MSVOA_W
ClientSampleId :
BGLA6



Tgt Ion:112 Resp: 290069
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 53.2 50.2 75.4

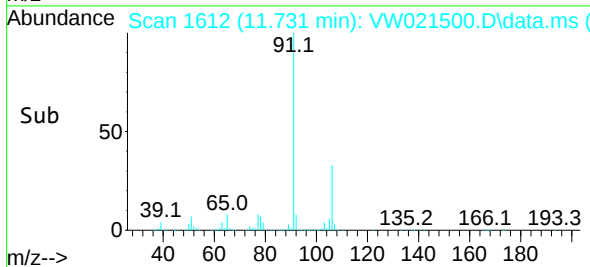
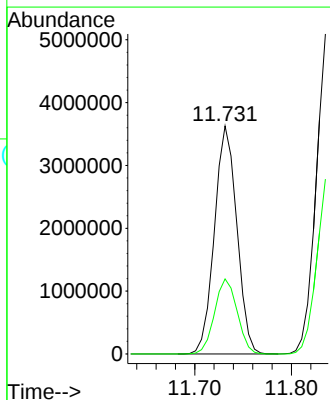
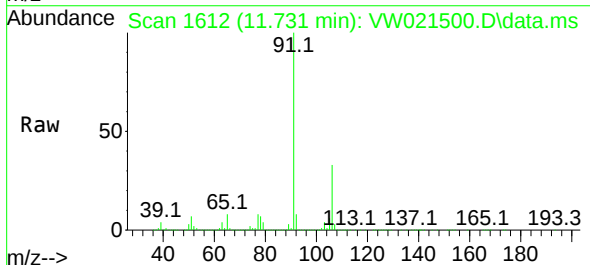
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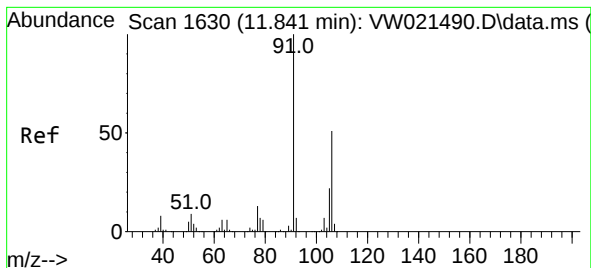
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#52
Ethylbenzene
Concen: 640.972 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Tgt Ion: 91 Resp: 5820508
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9





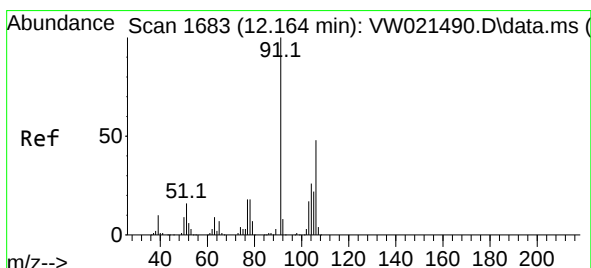
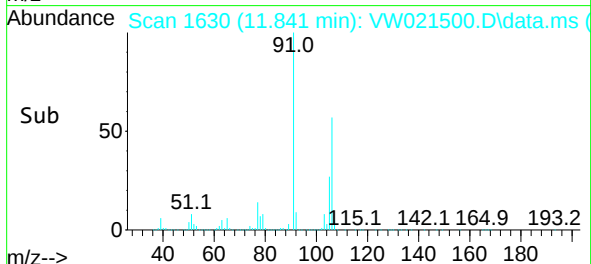
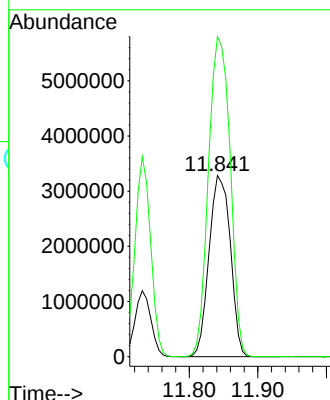
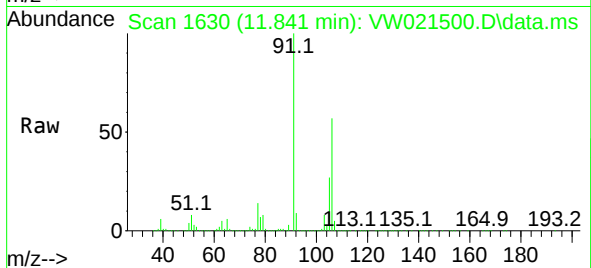
#53
m,p-Xylene
Concen: 1933.144 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Tgt Ion:106 Resp: 708161
Ion Ratio Lower Upper
106 100
91 176.5 149.9 278.3

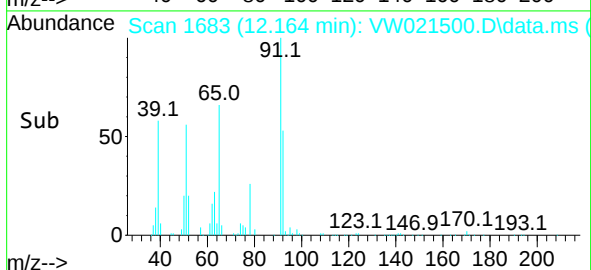
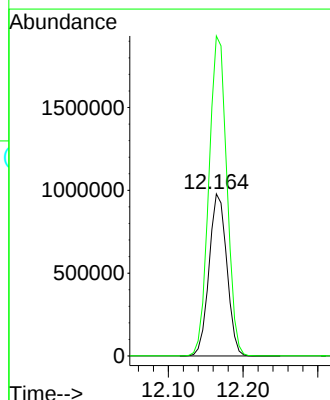
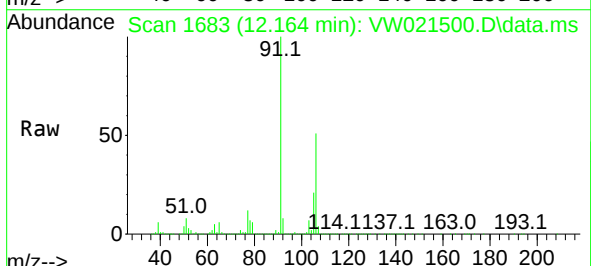
Manual Integrations
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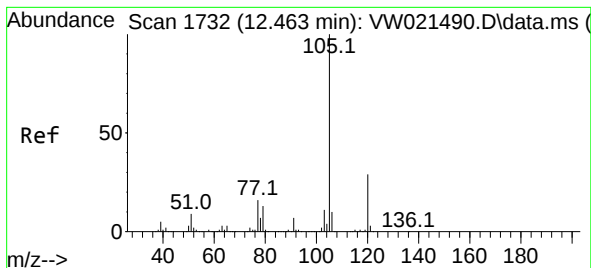
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#54
o-Xylene
Concen: 463.458 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

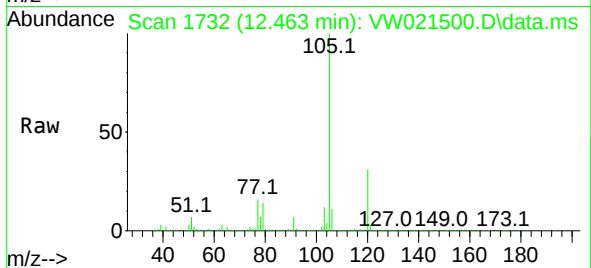
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Ion Ratio Lower Upper
106 100
91 197.3 153.6 285.3





#60
Isopropylbenzene
Concen: 2225.147 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

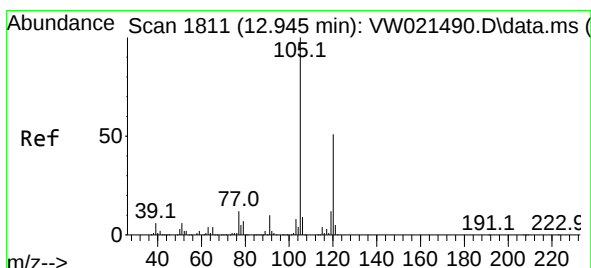
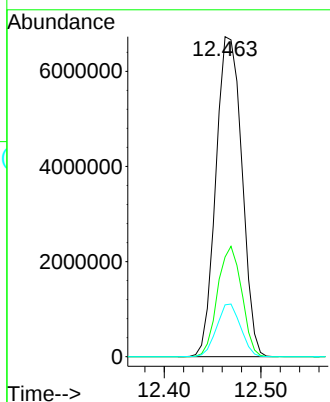
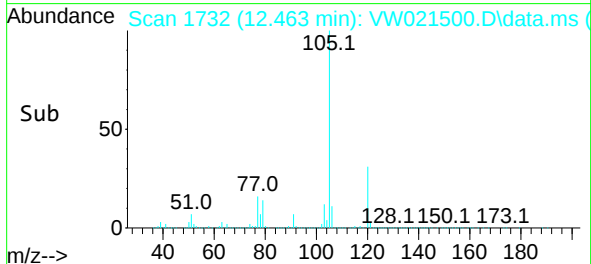
Instrument :
MSVOA_W
ClientSampleId :
BGLA6



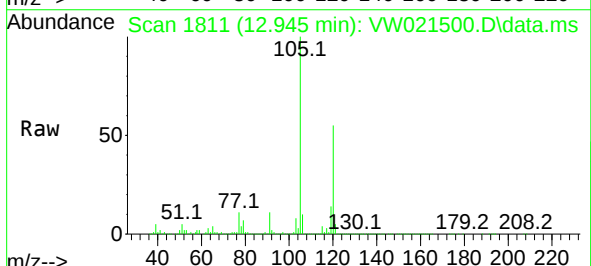
Tgt Ion:105 Resp:12555240
Ion Ratio Lower Upper
105 100
120 32.1 20.1 30.1
77 15.1 13.8 20.8

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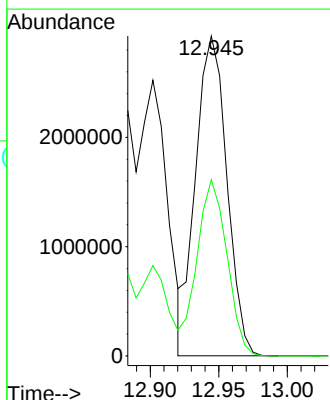
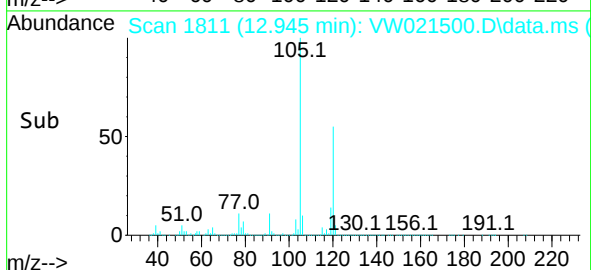
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

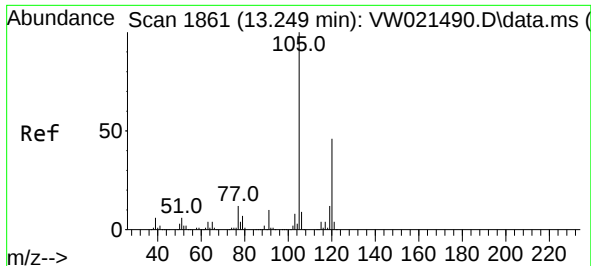


#62
1,3,5-Trimethylbenzene
Concen: 963.406 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00



Tgt Ion:105 Resp: 4625715
Ion Ratio Lower Upper
105 100
120 53.1 37.4 56.2





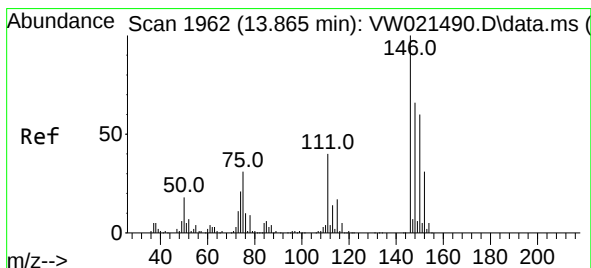
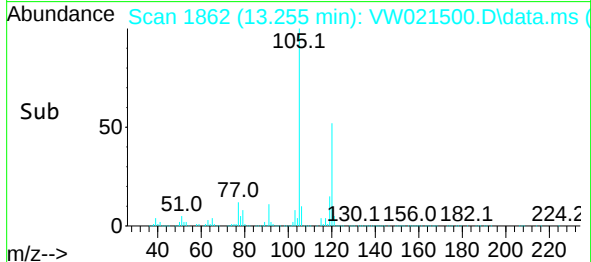
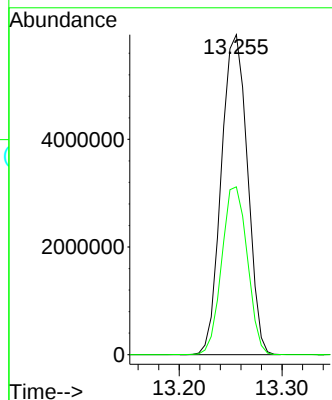
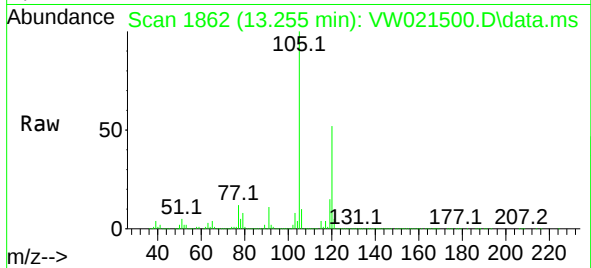
#63
1,2,4-Trimethylbenzene
Concen: 2215.030 ug/L
RT: 13.255 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Tgt Ion:105 Resp:10491384
Ion Ratio Lower Upper
105 100
120 51.5 35.0 52.6

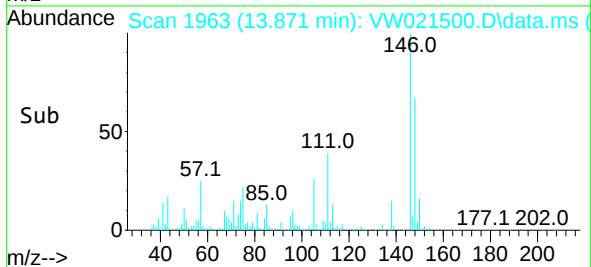
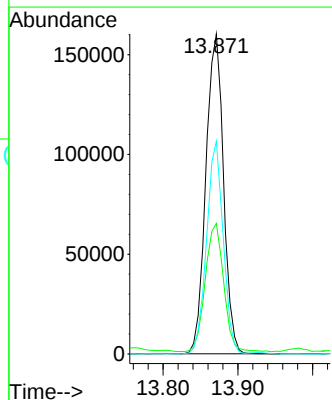
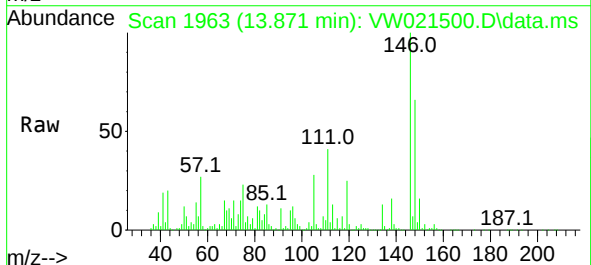
Manual Integrations
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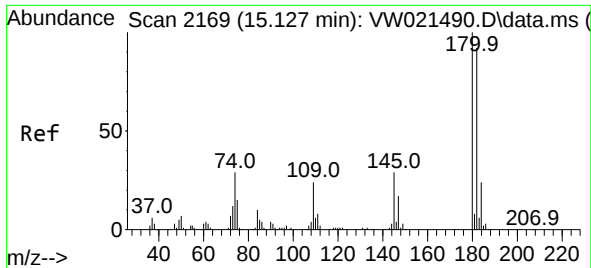
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#67
1,2-Dichlorobenzene
Concen: 111.892 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021500.D
Acq: 20 Dec 2021 16:00

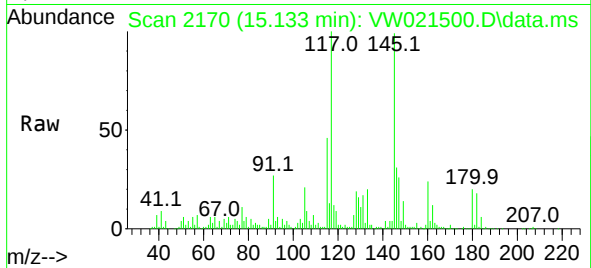
Tgt Ion:146 Resp: 262172
Ion Ratio Lower Upper
146 100
111 40.8 33.1 49.7
148 66.5 47.4 71.2





#70
 1,2,4-trichlorobenzene
 Concen: 7.875 ug/L
 RT: 15.133 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021500.D
 Acq: 20 Dec 2021 16:00

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA6



Tgt Ion:180 Resp: 1259
 Ion Ratio Lower Upper
 180 100
 182 94.2 79.0 118.6
 145 773.8 26.0 39.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
 Supervised By :Amit Patel 12/24/2021

