

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021129.D
 Acq On : 04 Dec 2021 19:40
 Operator : SY/VA
 Sample : M4885-15
 Misc : 3.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/07/2021
 Supervised By : Mahesh Dadoda 12/08/2021

Quant Time: Dec 06 00:51:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	60321	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	43637	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	14446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26893	31.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.000%	
7) Chloroethane-d5	2.885	69	19679	34.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.920%	
11) 1,1-Dichloroethene-d2	4.013	63	30349	22.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 90.400%	
21) 2-Butanone-d5	7.080	46	12485	65.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.260%	
24) Chloroform-d	7.653	84	45412	30.061	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.240%	
26) 1,2-Dichloroethane-d4	8.305	65	25759	31.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 124.680%	
32) Benzene-d6	8.275	84	88229	39.543	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 158.160%#	
36) 1,2-Dichloropropane-d6	9.274	67	24721	39.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 159.480%#	
41) Toluene-d8	10.323	98	75843	33.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.600%#	
43) trans-1,3-Dichloroprop...	10.579	79	7441	26.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.720%	
47) 2-Hexanone-d5	10.920	63	9188	77.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 154.900%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17085	29.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	14145	27.328	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 109.320%	
Target Compounds						
						Qvalue
13) Acetone	4.135	43	1606	9.197	ug/L	96
16) Methylene chloride	4.915	84	4820	5.072	ug/L	81
17) trans-1,2-Dichloroethene	5.440	96	1694m	2.032	ug/L	
20) cis-1,2-Dichloroethene	7.171	96	19207	21.717	ug/L	76
25) Chloroform	7.677	83	1291	0.870	ug/L	96
27) 1,2-Dichloroethane	8.403	62	2788	2.872	ug/L	96
33) Benzene	8.323	78	24328	9.804	ug/L	100
34) Trichloroethene	9.098	95	2683918	3920.422	ug/L	92
42) Toluene	10.390	91	28788	10.157	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9353	19.891	ug/L	93
46) Tetrachloroethene	10.866	164	881777	1406.605	ug/L	92
53) m,p-Xylene	11.835	106	4520	3.424	ug/L	89
54) o-Xylene	12.170	106	805	0.647	ug/L	64
55) Styrene	12.176	104	6718	3.168	ug/L	88
62) 1,3,5-Trimethylbenzene	12.938	105	1663	0.989	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2420	1.431	ug/L	88

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

Instrument :

MSVOA_W

ClientSampleId :

EW9M2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/07/2021

Supervised By :Mahesh Dadoda 12/08/2021

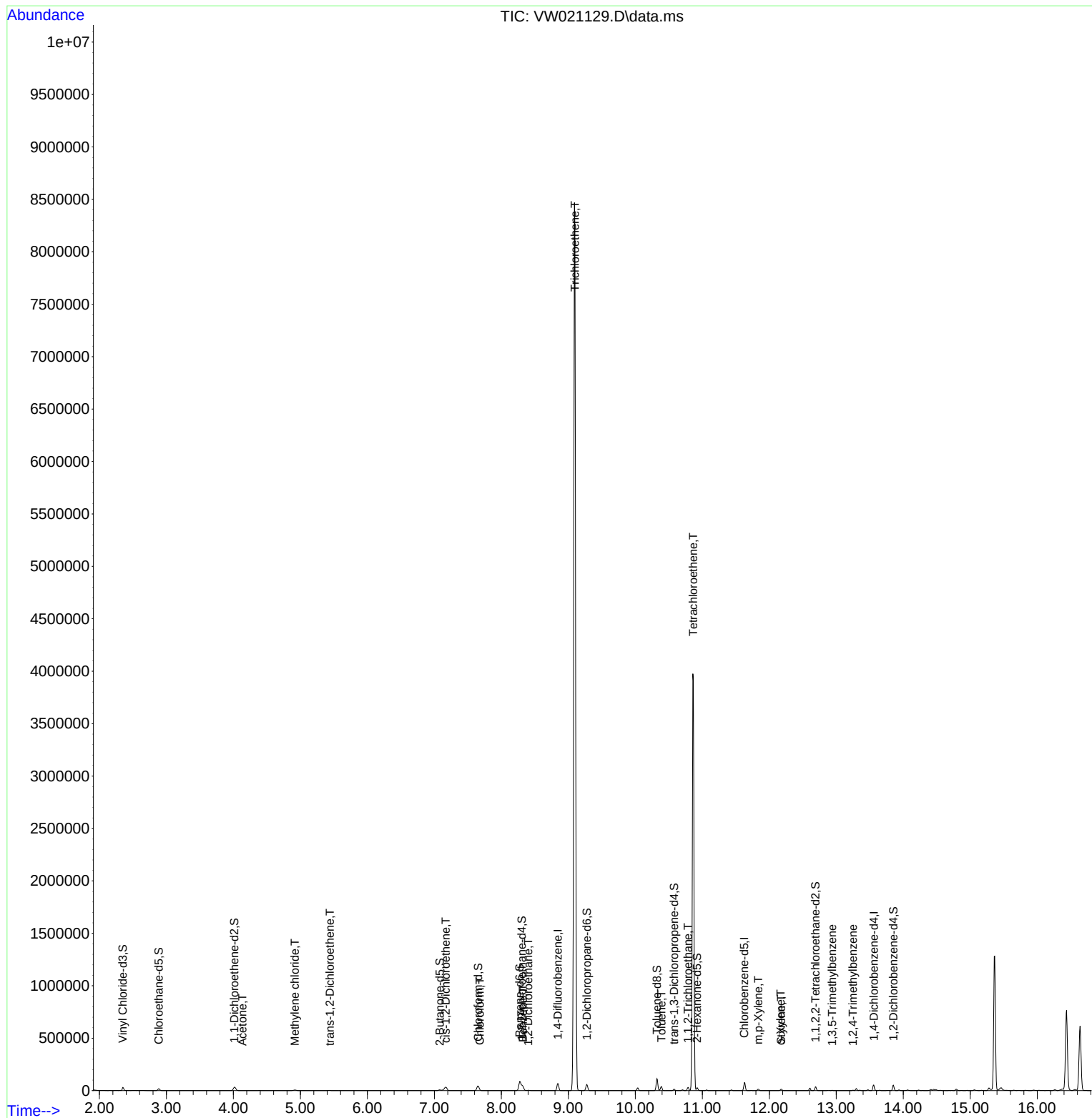
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021129.D
Acq On : 04 Dec 2021 19:40
Operator : SY/VA
Sample : M4885-15
Misc : 3.01g/10.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

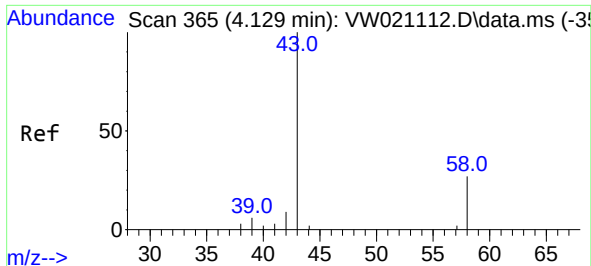
Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Quant Time: Dec 06 00:51:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021





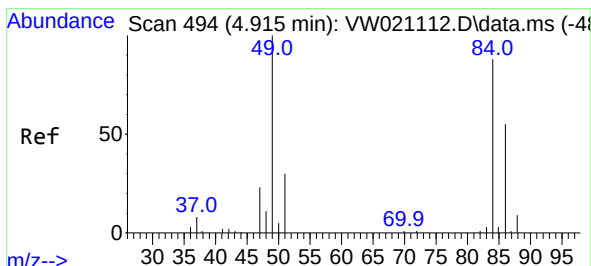
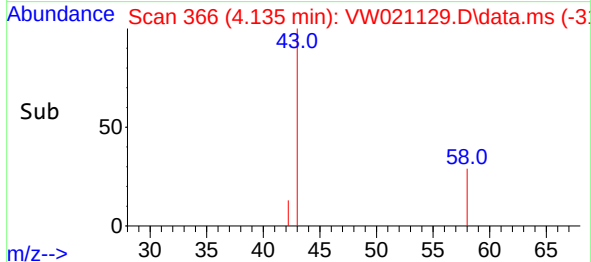
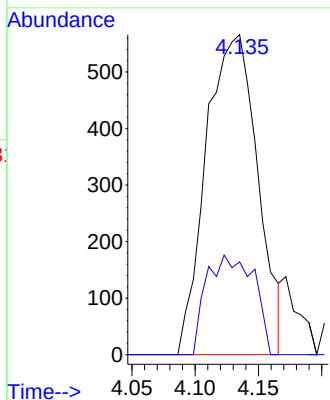
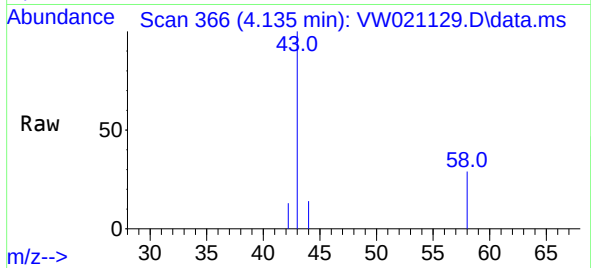
#13
Acetone
Concen: 9.197 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 28.6 0.0 52.8

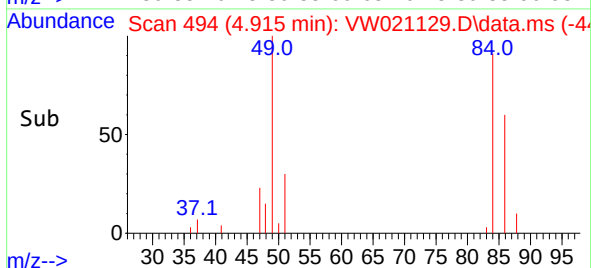
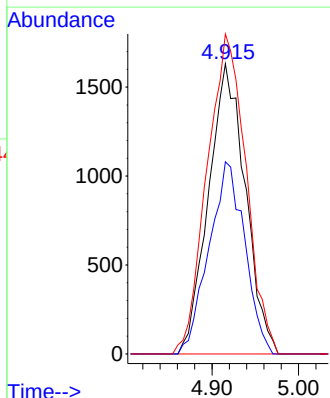
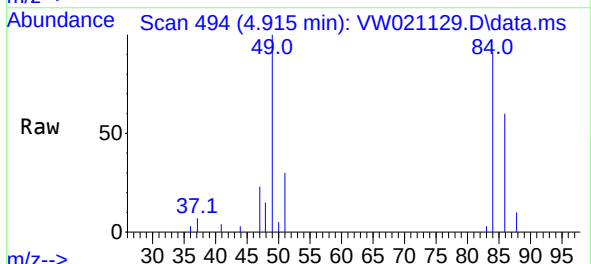
Manual Integrations
APPROVED

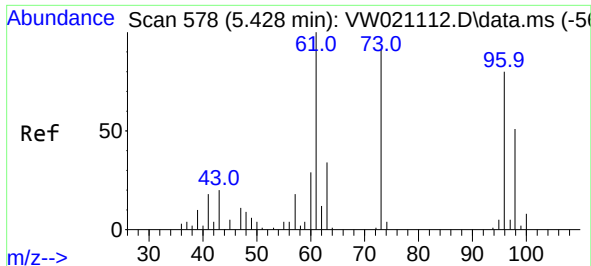
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#16
Methylene chloride
Concen: 5.072 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Tgt Ion: 84 Resp: 4820
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 110.2 100.5 186.7





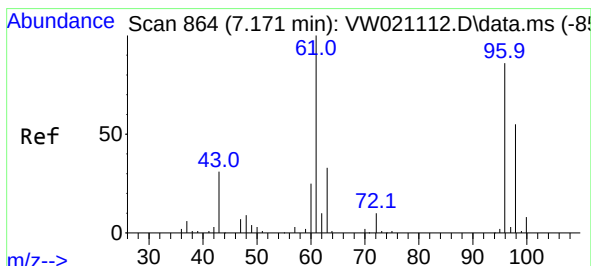
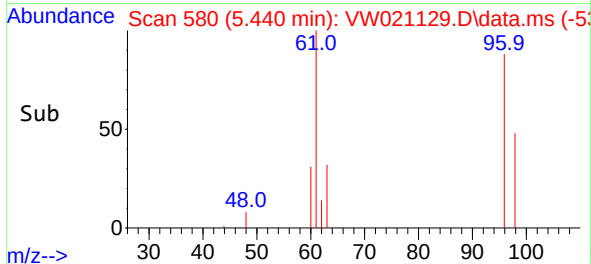
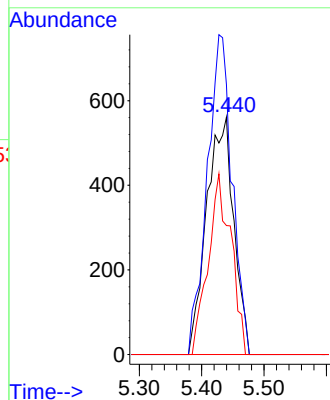
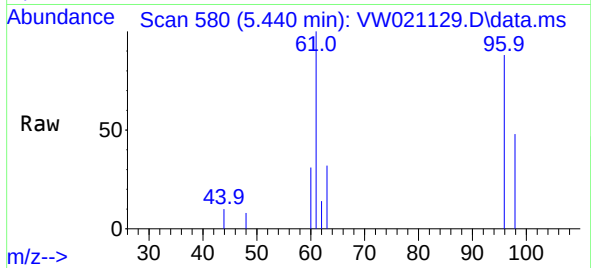
#17
trans-1,2-Dichloroethene
Concen: 2.032 ug/L m
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Tgt Ion: 96 Resp: 1694
Ion Ratio Lower Upper
96 100
61 113.7 107.4 199.4
98 54.4 41.2 76.6

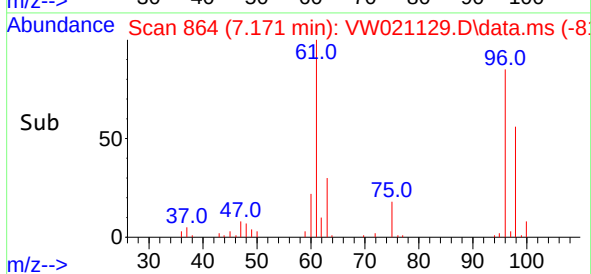
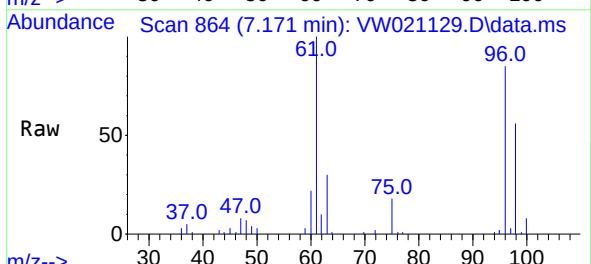
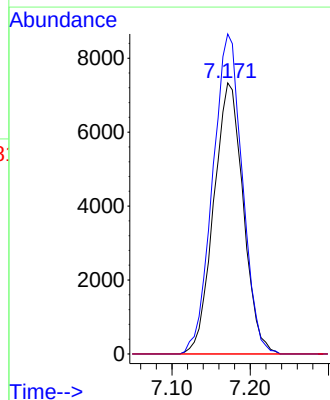
Manual Integrations
APPROVED

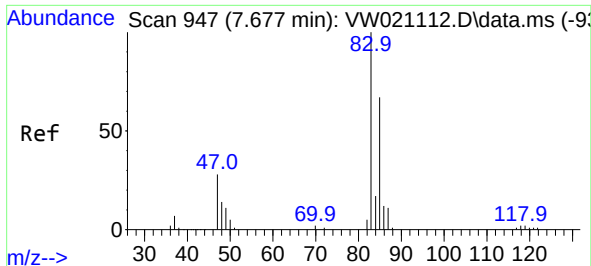
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#20
cis-1,2-Dichloroethene
Concen: 21.717 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Tgt Ion: 96 Resp: 19207
Ion Ratio Lower Upper
96 100
61 118.1 103.7 192.7
68 0.0 0.0 0.0





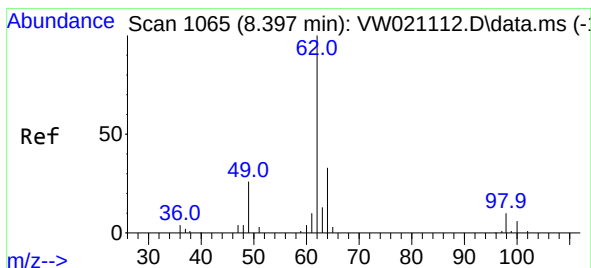
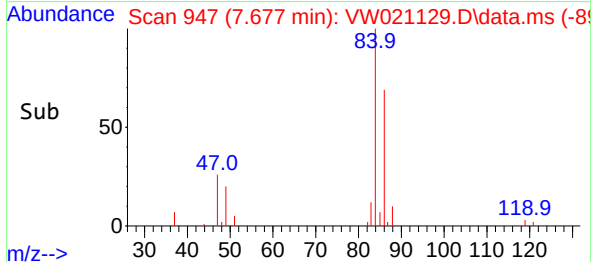
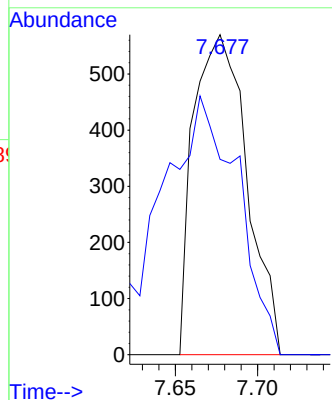
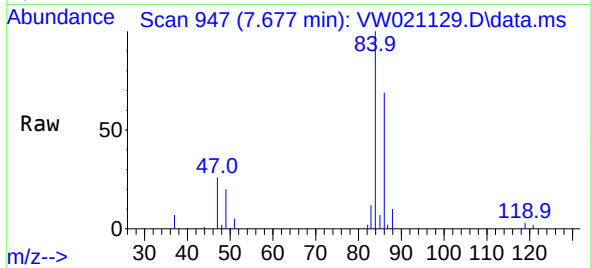
#25
Chloroform
Concen: 0.870 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Tgt Ion: 83 Resp: 129
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7

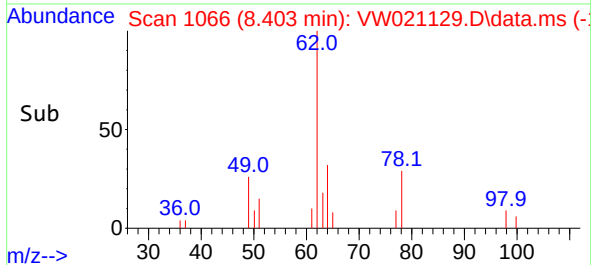
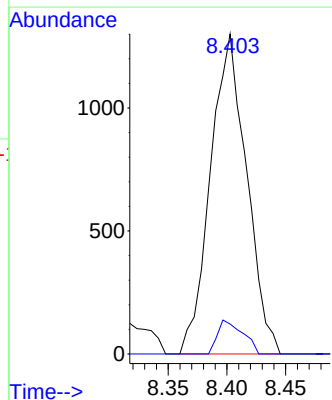
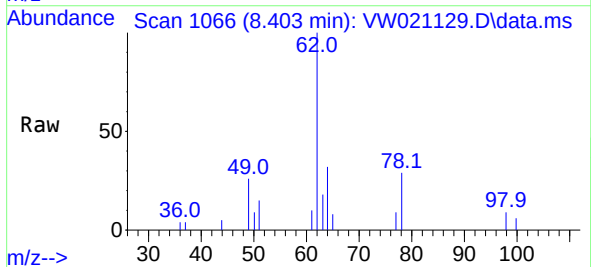
Manual Integrations
APPROVED

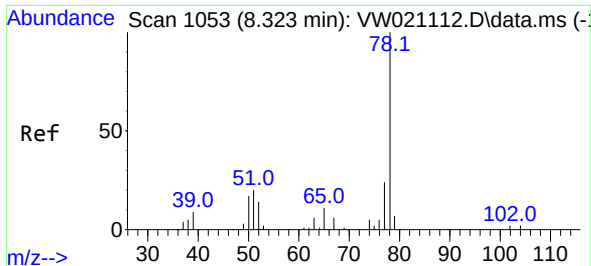
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#27
1,2-Dichloroethane
Concen: 2.872 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Tgt Ion: 62 Resp: 2788
Ion Ratio Lower Upper
62 100
98 9.4 6.5 9.7





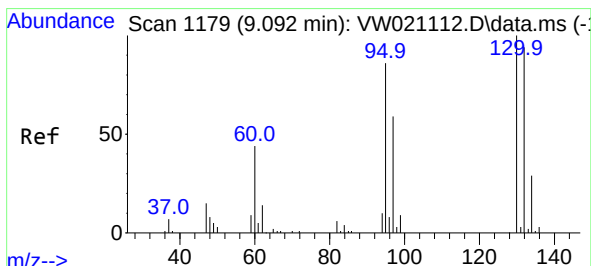
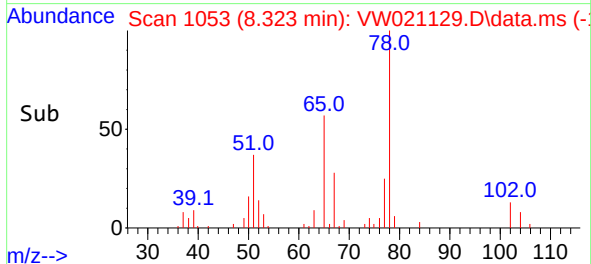
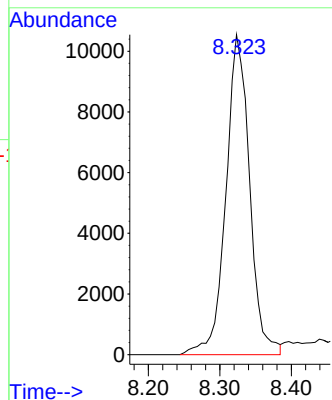
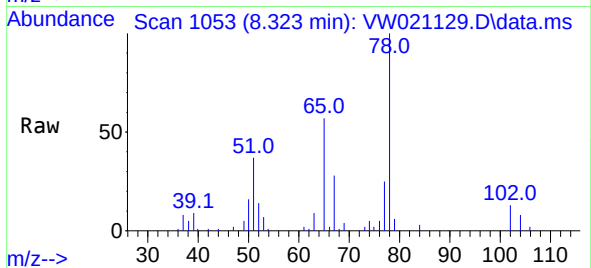
#33
Benzene
Concen: 9.804 ug/L
RT: 8.323 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Tgt Ion: 78 Resp: 24328

Manual Integrations
APPROVED

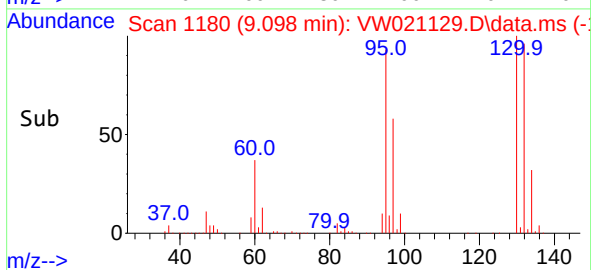
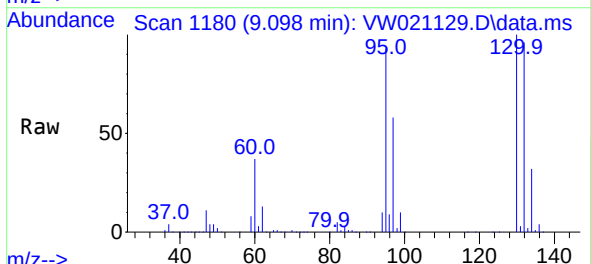
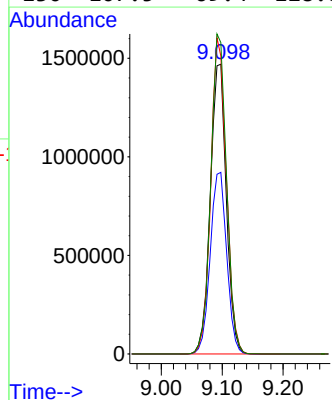
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021

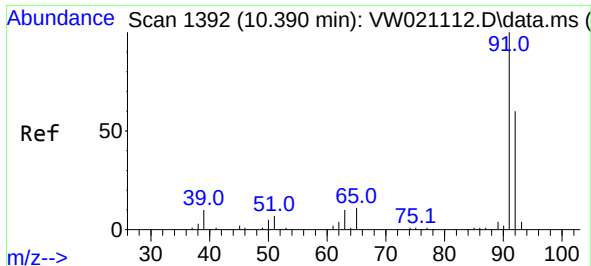


#34
Trichloroethene
Concen: 3920.422 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Tgt Ion: 95 Resp: 2683918

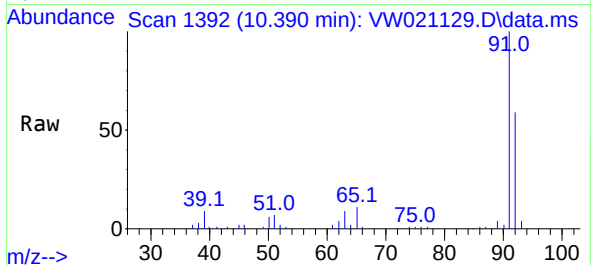
Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.0	87.2
132	102.8	65.5	121.6
130	107.5	69.4	128.8





#42
Toluene
Concen: 10.157 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

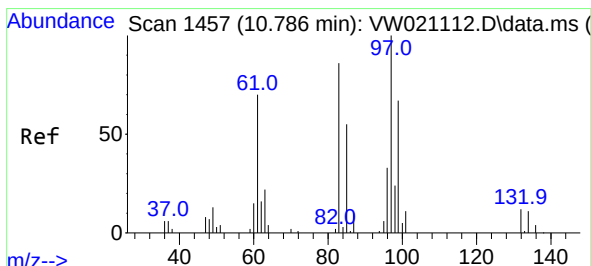
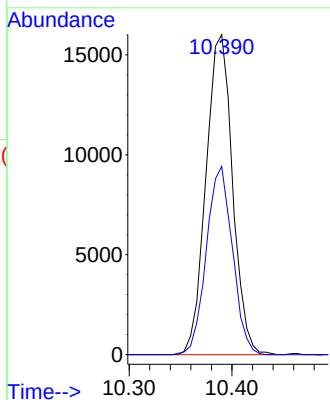
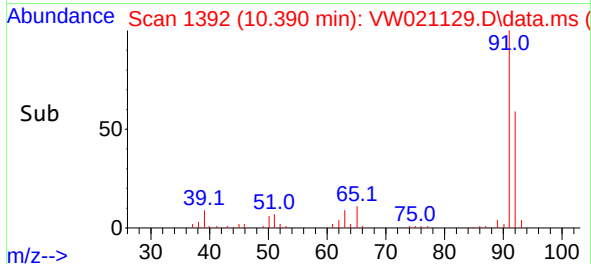
Instrument :
MSVOA_W
ClientSampleId :
EW9M2



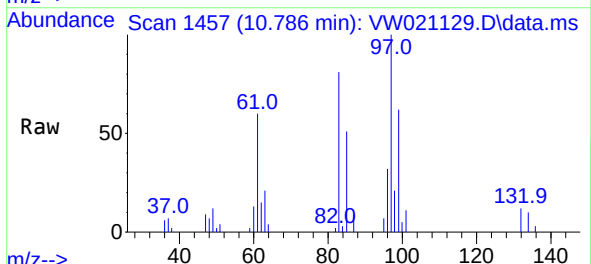
Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
92 58.9 41.7 77.5

Manual Integrations
APPROVED

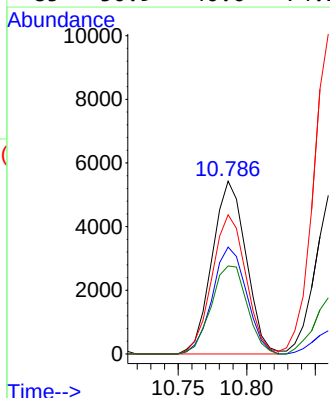
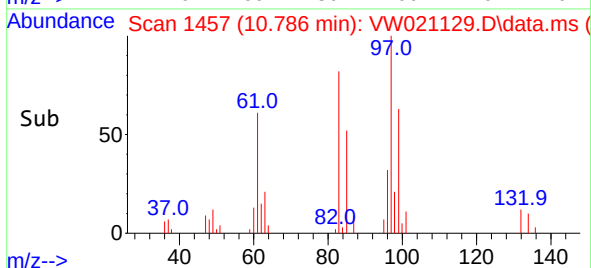
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021

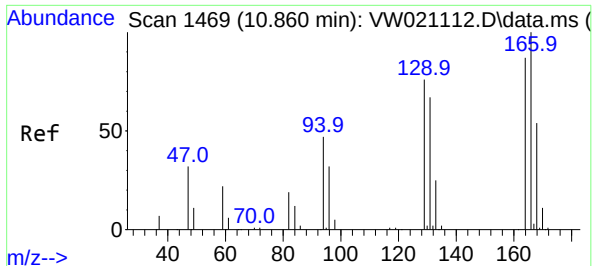


#45
1,1,2-Trichloroethane
Concen: 19.891 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40



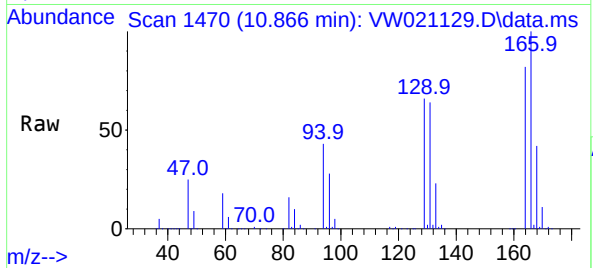
Tgt Ion: 97 Resp: 9353
Ion Ratio Lower Upper
97 100
99 61.9 43.0 79.8
83 80.5 62.6 116.3
85 50.9 40.0 74.2





#46
Tetrachloroethene
Concen: 1406.605 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

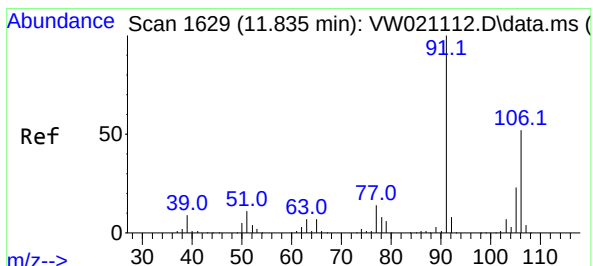
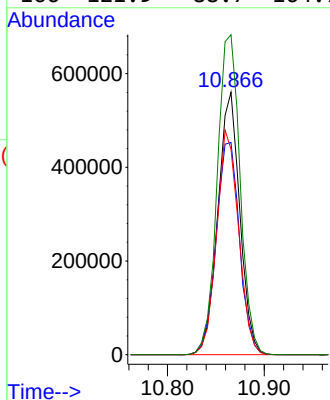
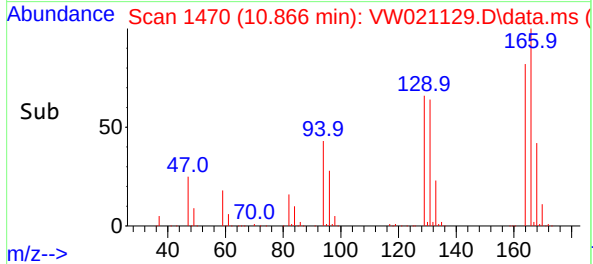
Instrument :
MSVOA_W
ClientSampleId :
EW9M2



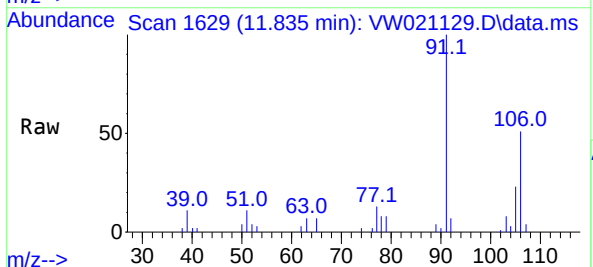
Tgt Ion:164 Resp: 88177
Ion Ratio Lower Upper
164 100
129 80.8 65.5 121.7
131 78.3 59.7 110.9
166 121.9 88.7 164.7

Manual Integrations
APPROVED

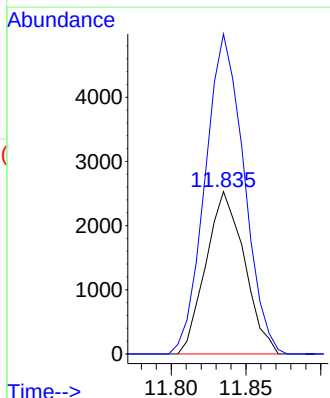
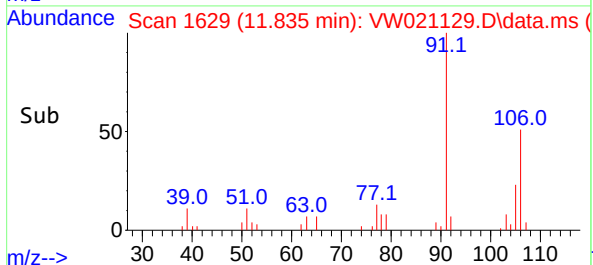
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021

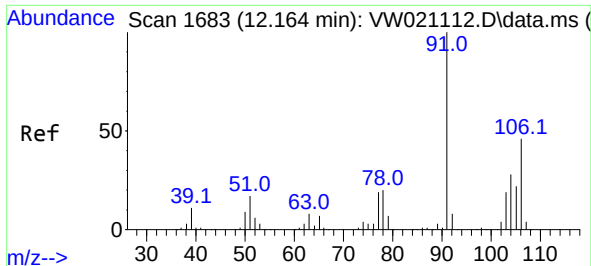


#53
m,p-Xylene
Concen: 3.424 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40



Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 197.0 149.9 278.3





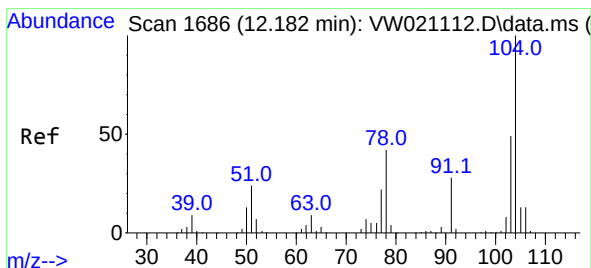
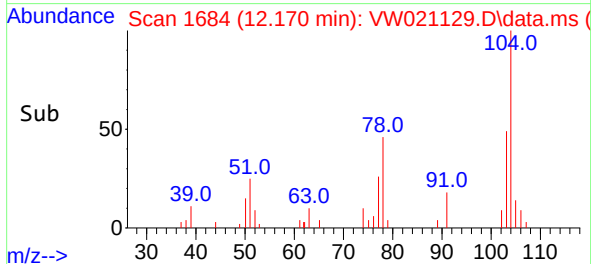
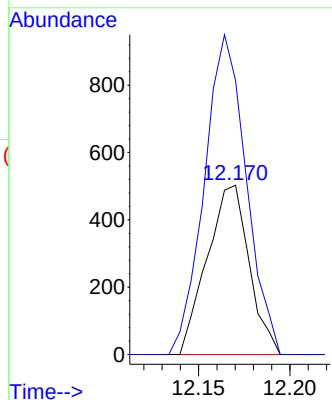
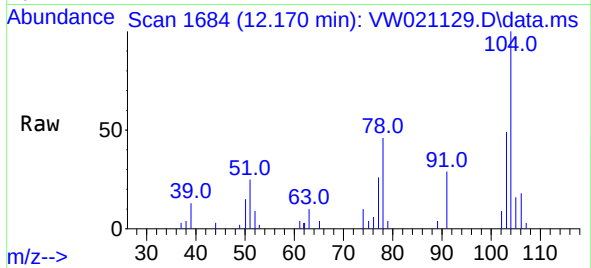
#54
o-Xylene
Concen: 0.647 ug/L
RT: 12.170 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
EW9M2

Tgt Ion:106 Resp: 800
Ion Ratio Lower Upper
106 100
91 161.8 153.6 285.3

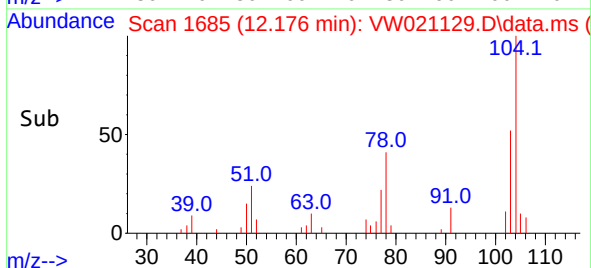
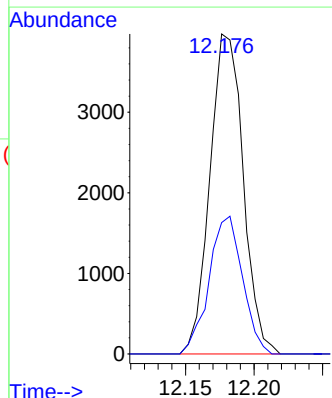
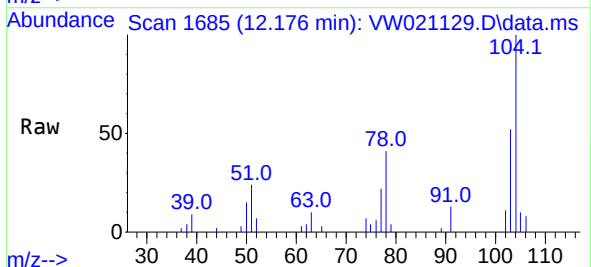
Manual Integrations
APPROVED

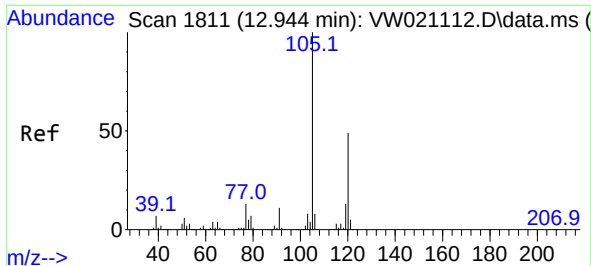
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#55
Styrene
Concen: 3.168 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021129.D
Acq: 04 Dec 2021 19:40

Tgt Ion:104 Resp: 6718
Ion Ratio Lower Upper
104 100
78 41.1 34.4 64.0





#62

1,3,5-Trimethylbenzene

Concen: 0.989 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021129.D

Acq: 04 Dec 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

EW9M2

Tgt Ion:105 Resp: 166

Ion Ratio Lower Upper

105 100

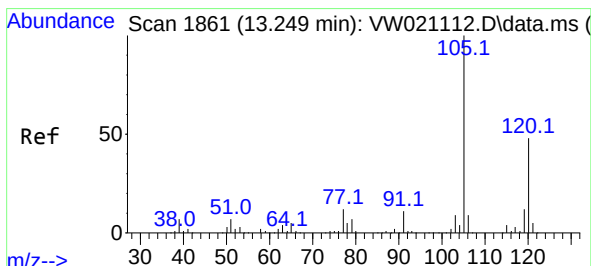
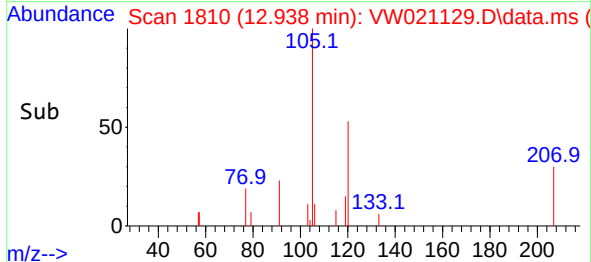
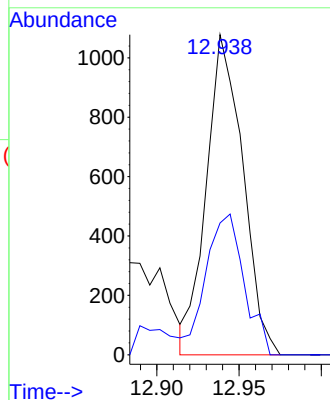
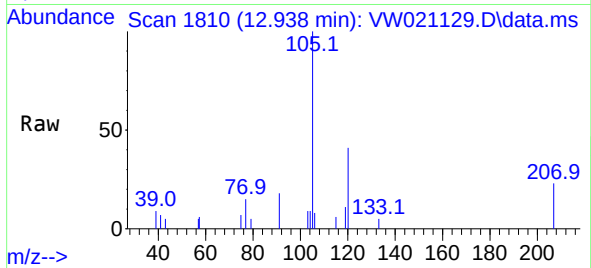
120 46.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/07/2021

Supervised By :Mahesh Dadoda 12/08/2021



#63

1,2,4-Trimethylbenzene

Concen: 1.431 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021129.D

Acq: 04 Dec 2021 19:40

Tgt Ion:105 Resp: 2420

Ion Ratio Lower Upper

105 100

120 51.4 35.0 52.6

