

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021848.D
 Acq On : 11 Jan 2022 21:44
 Operator : SY/VA
 Sample : N1084-08
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN1

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 00:52:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80232	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.640	117	42531	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.542	152	165465	25.000	ug/L	#-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37277	24.997	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.000%			
7) Chloroethane-d5	2.885	69	32727	24.303	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	4.019	63	30925	13.136	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.560%			
21) 2-Butanone-d5	7.098	46	19711m	93.647	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 187.300%#			
24) Chloroform-d	7.653	84	56488	21.793	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.160%			
26) 1,2-Dichloroethane-d4	8.323	65	47537	37.979	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 151.920%#			
32) Benzene-d6	8.281	84	100313	36.349	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.400%#			
36) 1,2-Dichloropropane-d6	9.275	67	31874	43.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 175.280%#			
41) Toluene-d8	10.335	98	81175	29.179	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.720%			
43) trans-1,3-Dichloroprop...	10.579	79	9472	30.670	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.680%			
47) 2-Hexanone-d5	10.927	63	14919	151.154	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 302.300%#			
56) 1,1,2,2-Tetrachloroeth...	12.713	84	55089	96.853	ug/L	0.02
Spiked Amount 25.000	Range 45 - 120		Recovery = 387.400%#			
66) 1,2-Dichlorobenzene-d4	13.871	152	142031m	20.876	ug/L	0.02
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.520%			
Target Compounds						
5) Vinyl chloride	2.355	62	46550	28.256	ug/L	Qvalue 94
13) Acetone	4.147	43	119325	686.187	ug/L	97
14) Carbon disulfide	4.385	76	18547636	5915.640	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	2643m	2.042	ug/L	
19) 1,1-Dichloroethane	6.214	63	16464	8.675	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	835354	627.512	ug/L	68
29) Cyclohexane	7.958	56	338988	356.277	ug/L	96
33) Benzene	8.317	78	31428296m	12051.004	ug/L	
34) Trichloroethene	9.092	95	1003242	1325.953	ug/L	88
35) Methylcyclohexane	9.342	83	726563	583.943	ug/L	87
40) 4-Methyl-2-pentanone	10.220	43	1582844	5930.710	ug/L #	86
42) Toluene	10.384	91	29487937m	10081.443	ug/L	
46) Tetrachloroethene	10.866	164	104243	139.326	ug/L	93
51) Chlorobenzene	11.664	112	86603	41.934	ug/L #	88
52) Ethylbenzene	11.725	91	31874213m	9809.600	ug/L	
53) m,p-Xylene	11.866	106	35077541m	25816.878	ug/L	
54) o-Xylene	12.176	106	19980810m	15840.397	ug/L	
60) Isopropylbenzene	12.469	105	2394542	106.271	ug/L	96
62) 1,3,5-Trimethylbenzene	12.963	105	8218080m	440.441	ug/L	

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Instrument :
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 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	13.249	105	23897986m	1298.652	ug/L	

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

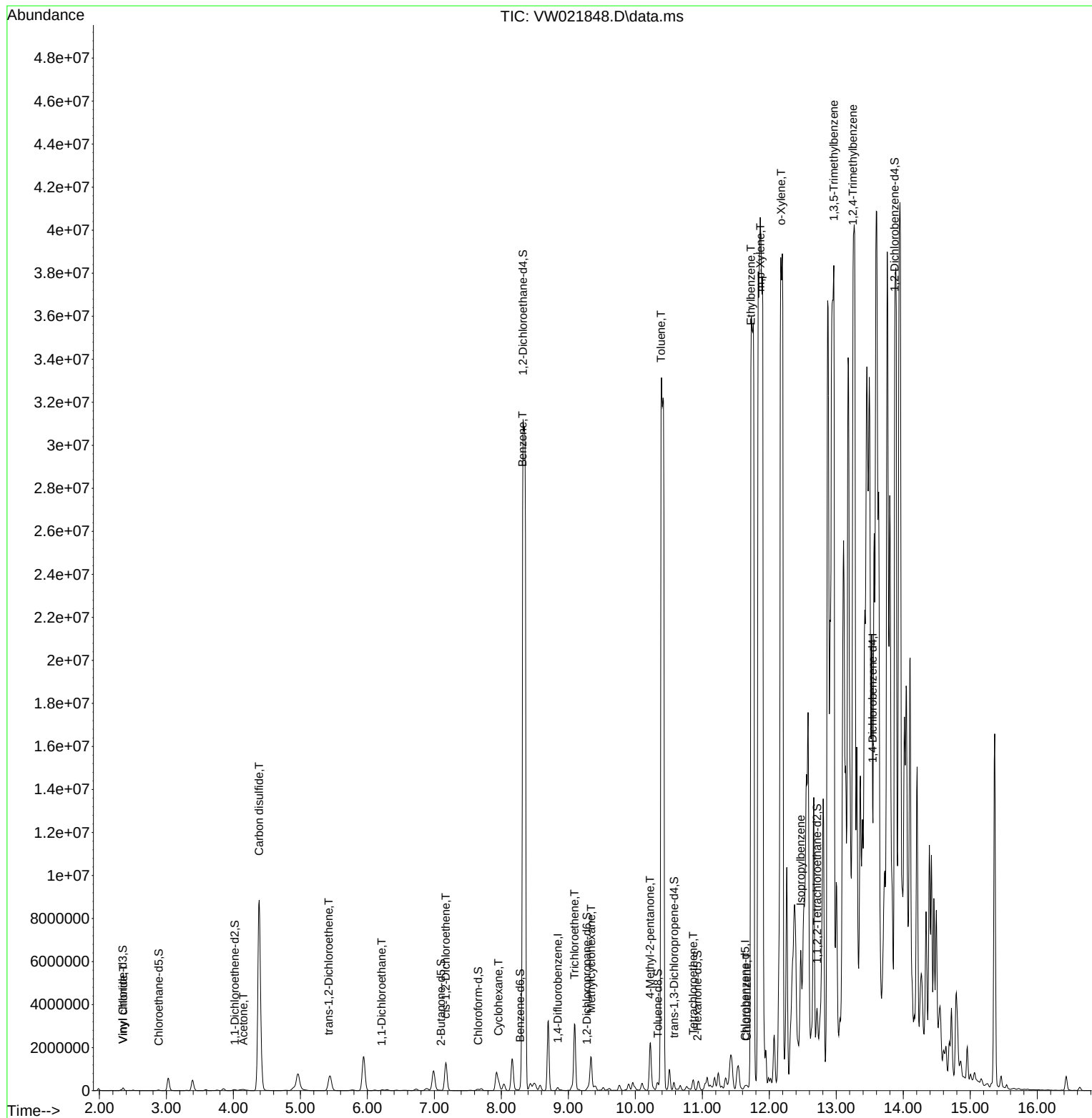
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021848.D
Acq On : 11 Jan 2022 21:44
Operator : SY/VA
Sample : N1084-08
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

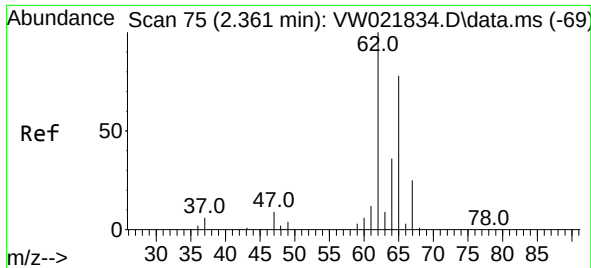
Instrument :
MSVOA_W
ClientSampleId :
BGLN1

Quant Time: Jan 12 00:52:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration

Manual Integrations
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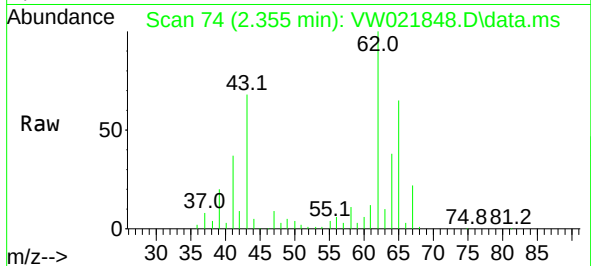
Reviewed By : Semsettin Yesilyurt 01/12/2022
Supervised By : Mahesh Dadoda 01/12/2022





#5
 Vinyl chloride
 Concen: 28.256 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021848.D
 Acq: 11 Jan 2022 21:44

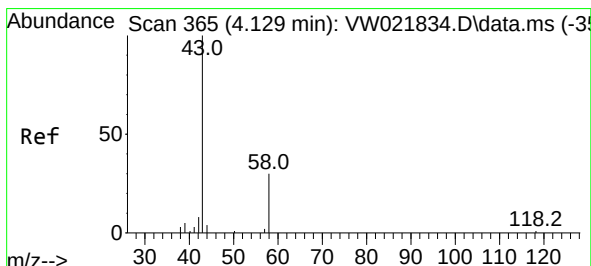
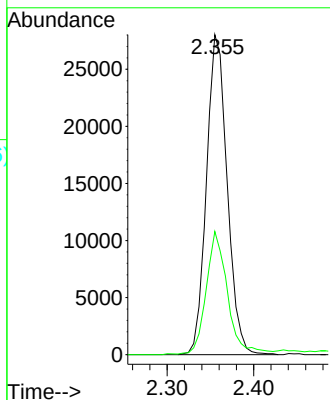
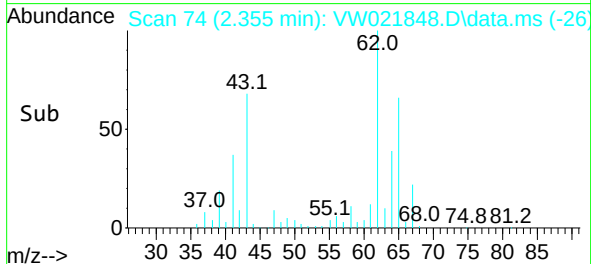
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN1



Tgt Ion: 62 Resp: 46550
 Ion Ratio Lower Upper
 62 100
 64 38.5 24.4 45.2

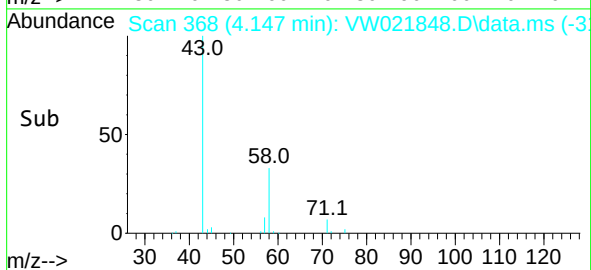
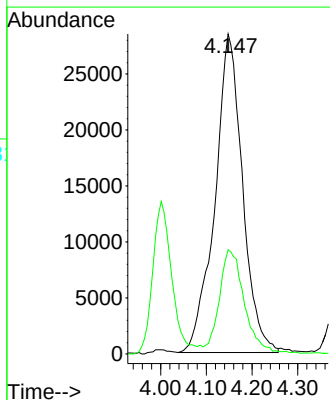
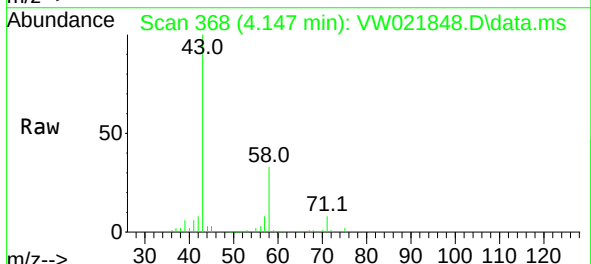
Manual Integrations
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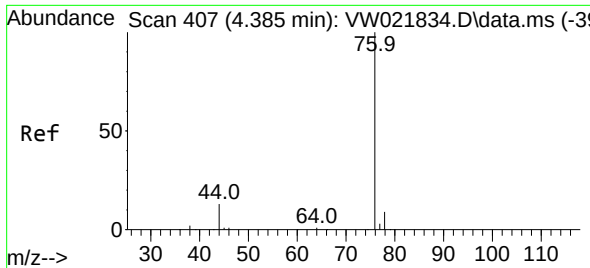
Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#13
 Acetone
 Concen: 686.187 ug/L
 RT: 4.147 min Scan# 368
 Delta R.T. 0.018 min
 Lab File: VW021848.D
 Acq: 11 Jan 2022 21:44

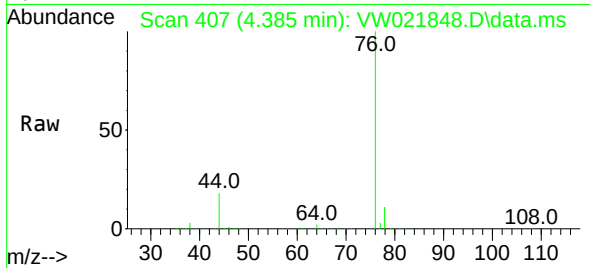
Tgt Ion: 43 Resp: 119325
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 52.8





#14
Carbon disulfide
Concen: 5915.640 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

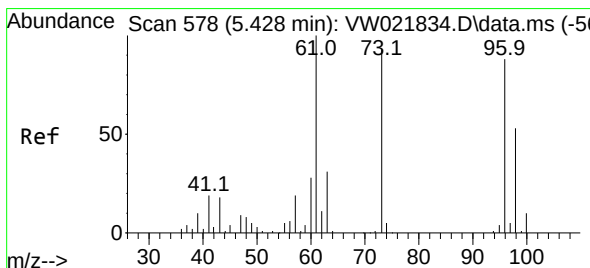
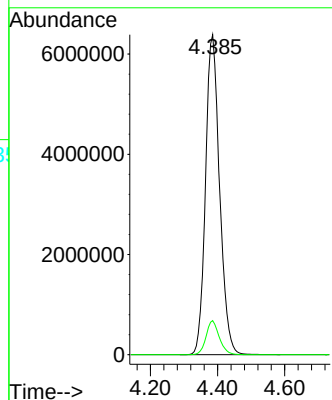
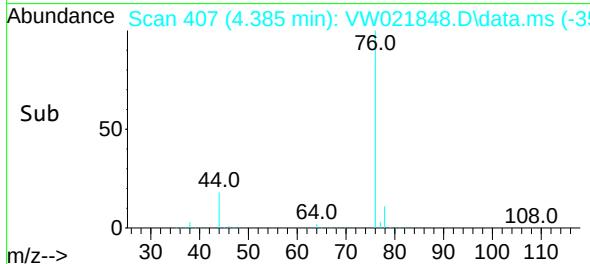
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



Tgt Ion: 76 Resp: 1854763
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7

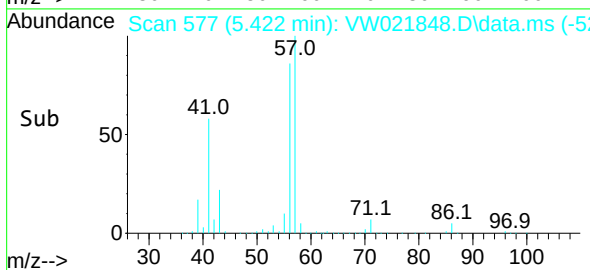
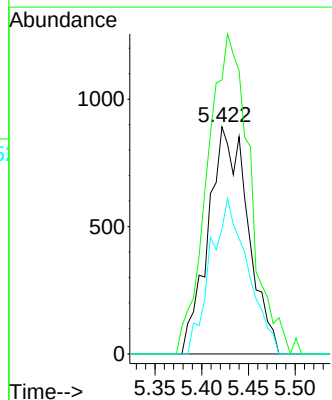
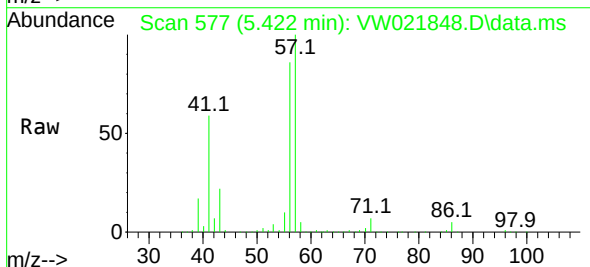
Manual Integrations
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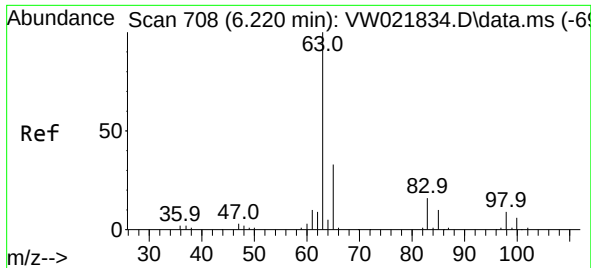
Reviewed By : Semsettin Yesilyurt 01/12/2022
Supervised By : Mahesh Dadoda 01/12/2022



#17
trans-1,2-Dichloroethene
Concen: 2.042 ug/L m
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

Tgt Ion: 96 Resp: 2643
Ion Ratio Lower Upper
96 100
61 120.8 107.4 199.4
98 55.1 41.2 76.6





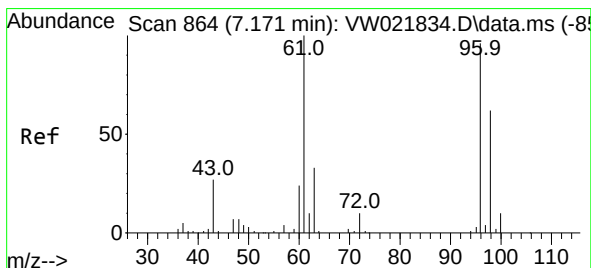
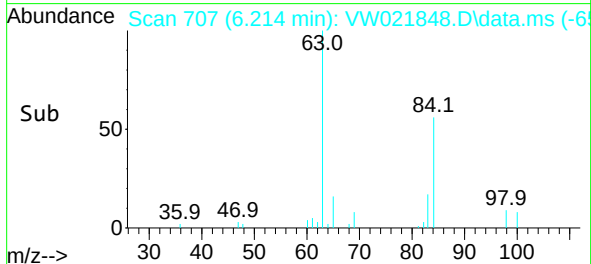
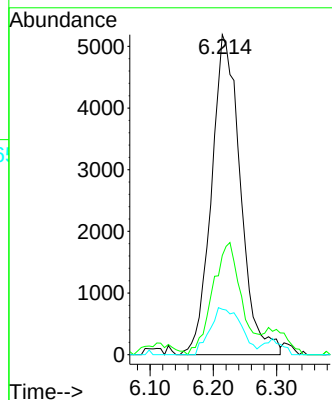
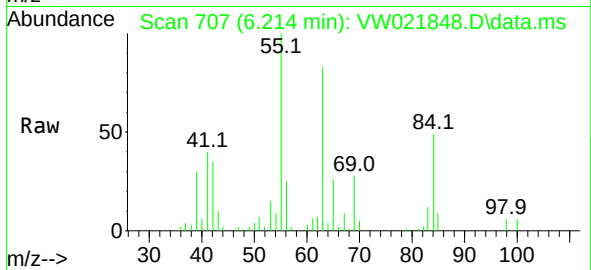
#19
1,1-Dichloroethane
Concen: 8.675 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

Instrument :
MSVOA_W
ClientSampleId :
BGLN1

Tgt Ion: 63 Resp: 16464
Ion Ratio Lower Upper
63 100
65 31.0 22.1 41.1
83 14.2 9.2 17.2

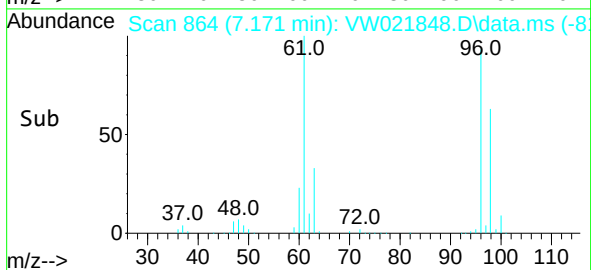
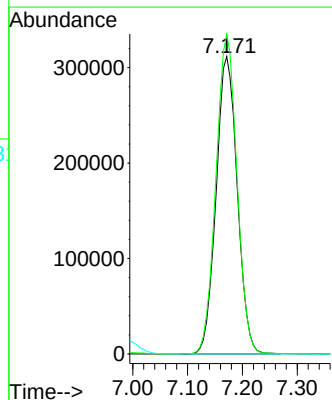
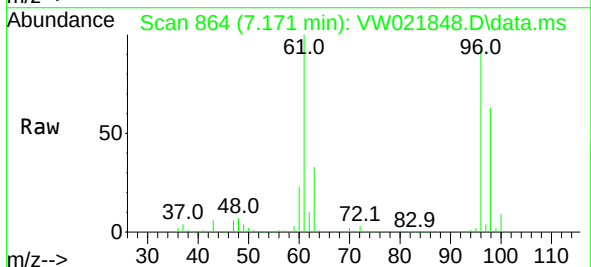
Manual Integrations
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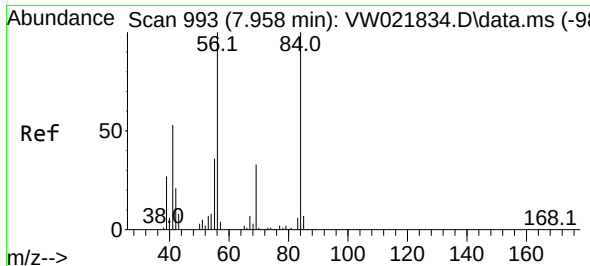
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
cis-1,2-Dichloroethene
Concen: 627.512 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

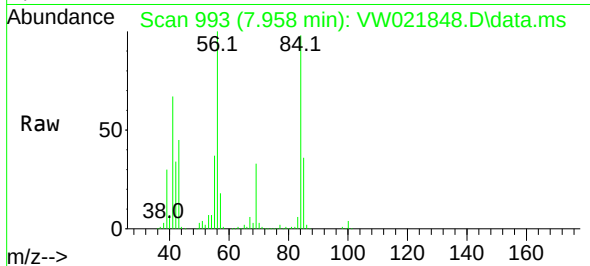
Tgt Ion: 96 Resp: 835354
Ion Ratio Lower Upper
96 100
61 107.6 103.7 192.7
68 0.0 0.0 0.0





#29
Cyclohexane
Concen: 356.277 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

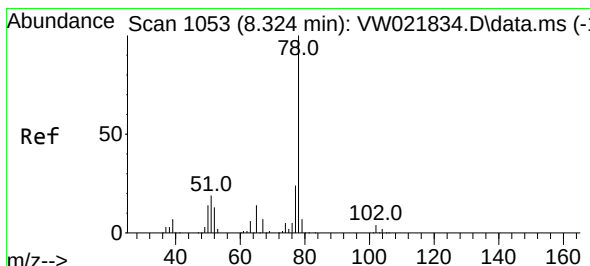
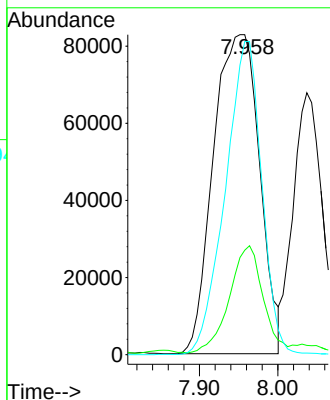
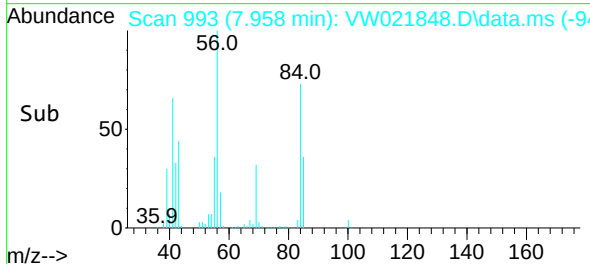
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



Tgt Ion: 56 Resp: 33898
Ion Ratio Lower Upper
56 100
69 24.4 23.5 35.3
84 77.6 63.4 95.2

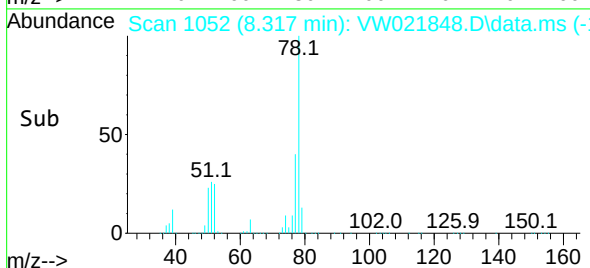
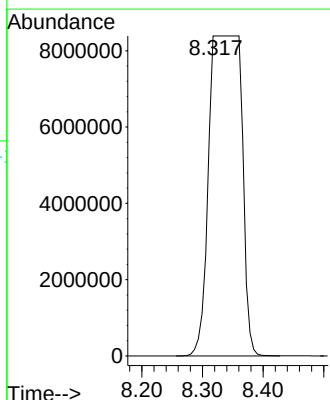
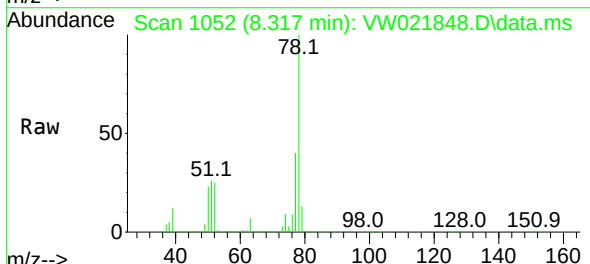
Manual Integrations
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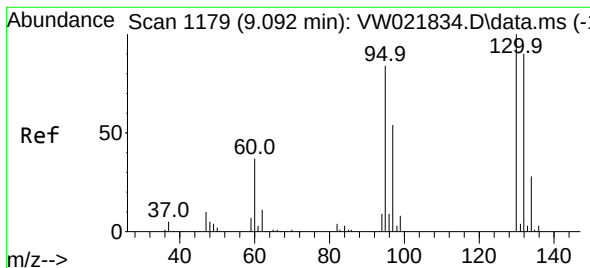
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#33
Benzene
Concen: 12051.004 ug/L m
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

Tgt Ion: 78 Resp:31428296





#34

Trichloroethene

Concen: 1325.953 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021848.D

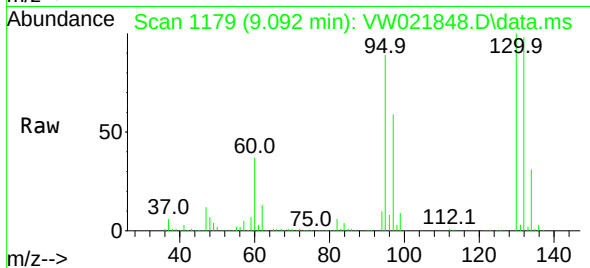
Acq: 11 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

BGLN1



Tgt Ion: 95 Resp: 100324

Ion Ratio Lower Upper

95 100

97 67.0 47.0 87.2

132 110.9 65.5 121.6

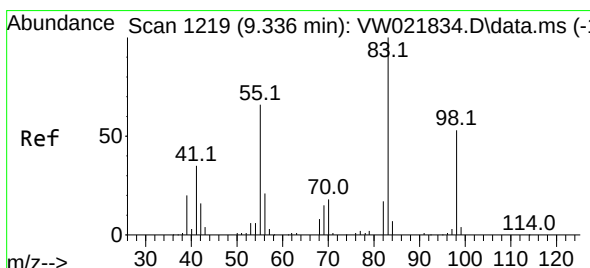
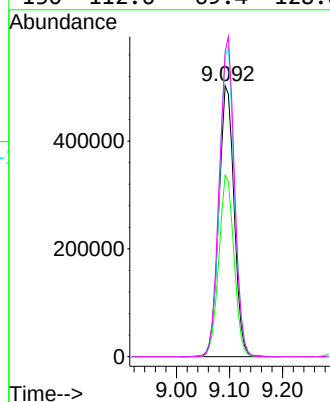
130 112.6 69.4 128.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/12/2022



#35

Methylcyclohexane

Concen: 583.943 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021848.D

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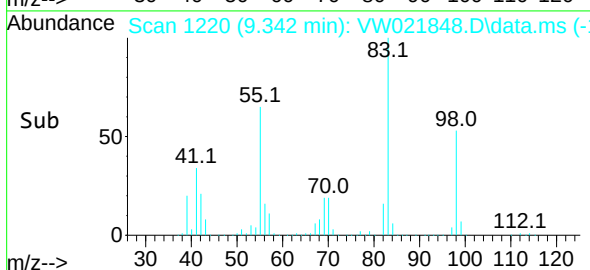
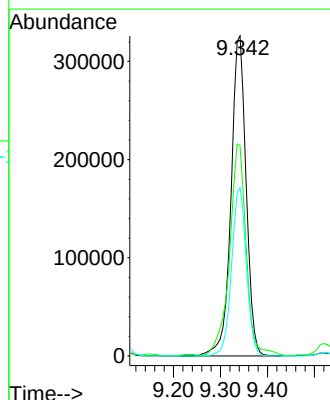
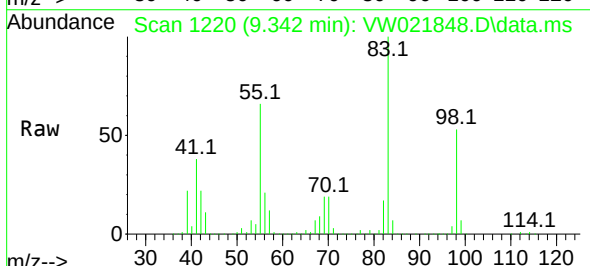
Tgt Ion: 83 Resp: 726563

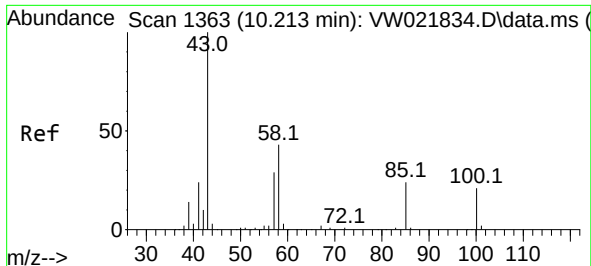
Ion Ratio Lower Upper

83 100

55 72.9 70.8 106.2

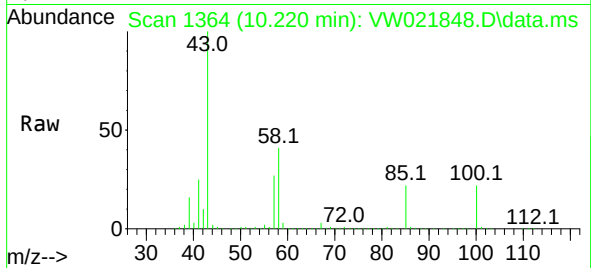
98 51.5 37.7 56.5





#40
4-Methyl-2-pentanone
Concen: 5930.710 ug/L
RT: 10.220 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

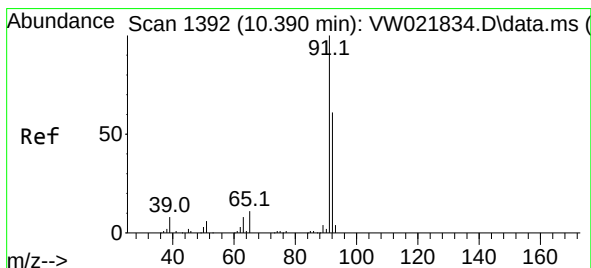
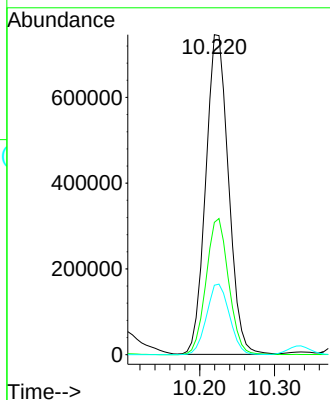
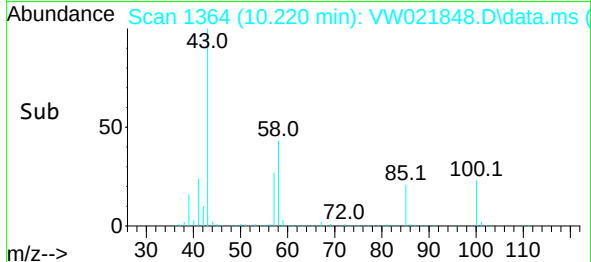
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



Tgt Ion: 43 Resp: 158284
Ion Ratio Lower Upper
43 100
58 42.2 28.8 43.2
100 22.2 10.0 15.0

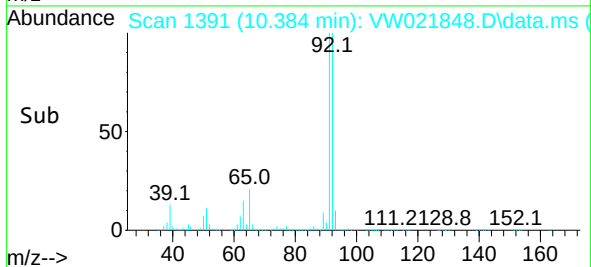
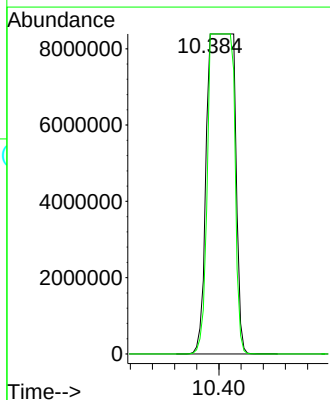
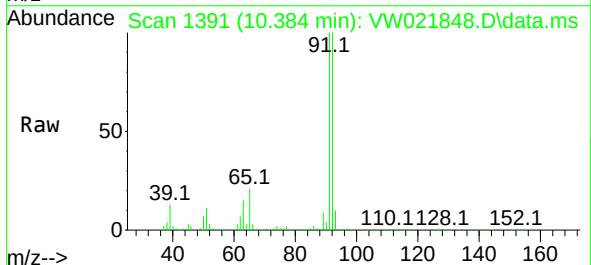
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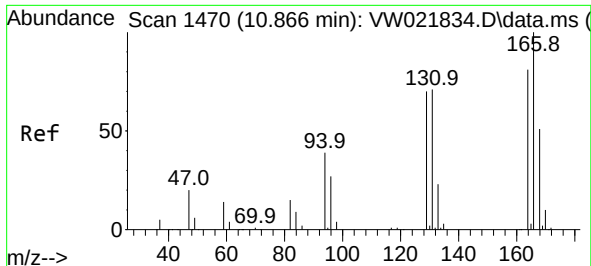
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
Toluene
Concen: 10081.443 ug/L m
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

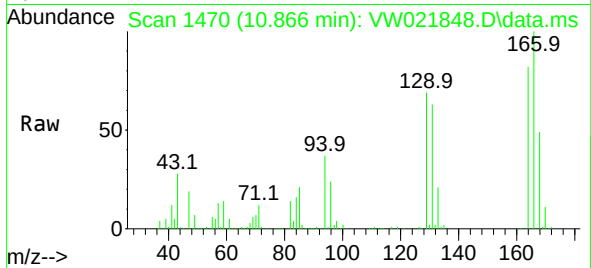
Tgt Ion: 91 Resp:29487937
Ion Ratio Lower Upper
91 100
92 100.0 41.7 77.5#





#46
Tetrachloroethene
Concen: 139.326 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

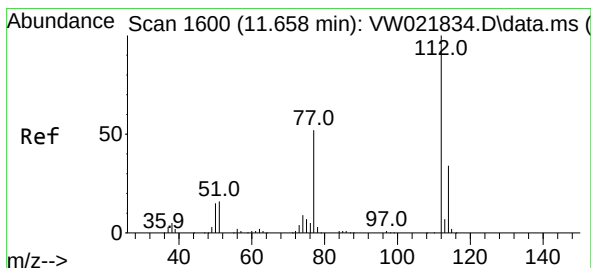
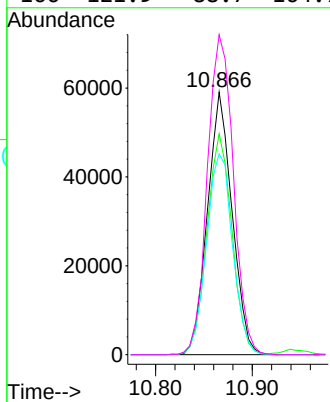
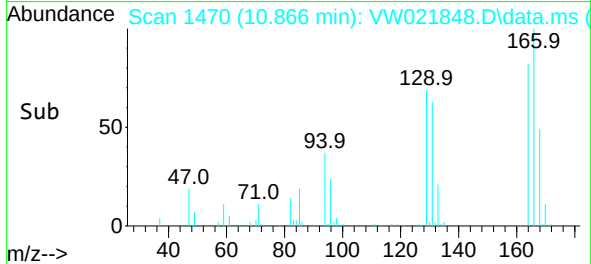
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



Tgt Ion:164 Resp: 10424
Ion Ratio Lower Upper
164 100
129 84.1 65.5 121.7
131 76.5 59.7 110.9
166 121.9 88.7 164.7

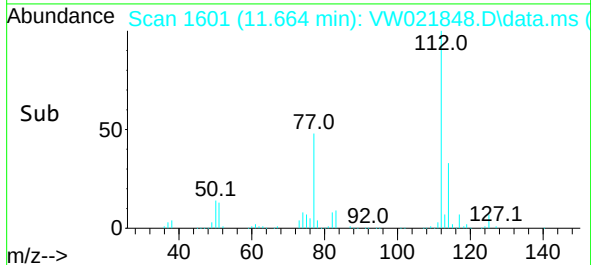
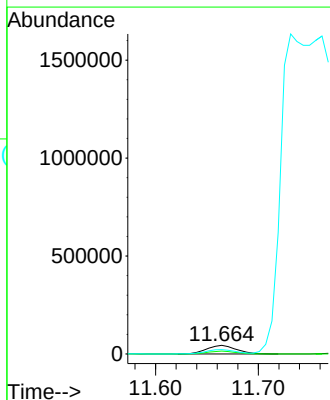
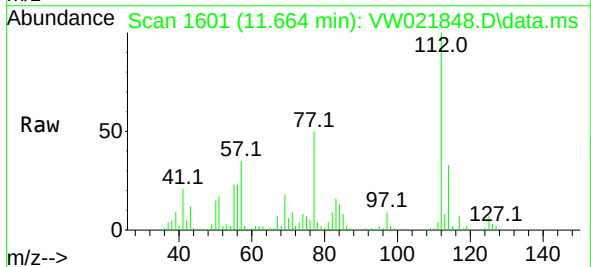
Manual Integrations
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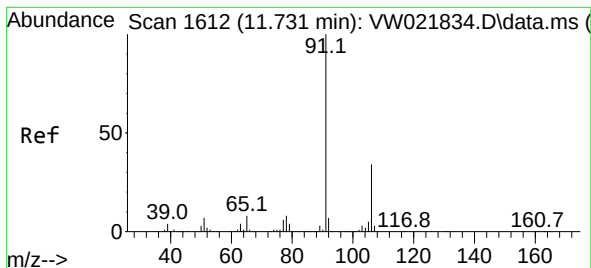
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#51
Chlorobenzene
Concen: 41.934 ug/L
RT: 11.664 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

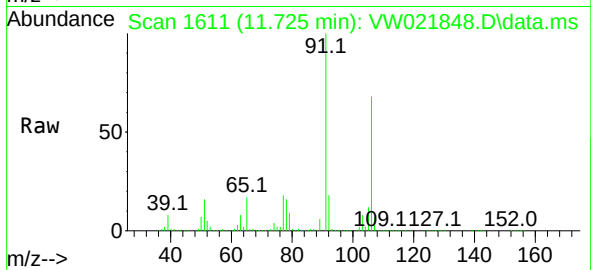
Tgt Ion:112 Resp: 86603
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 49.9 50.2 75.4#





#52
Ethylbenzene
Concen: 9809.600 ug/L m
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

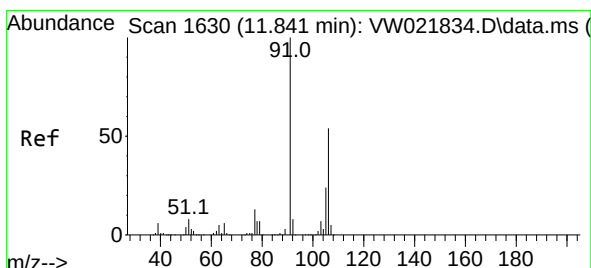
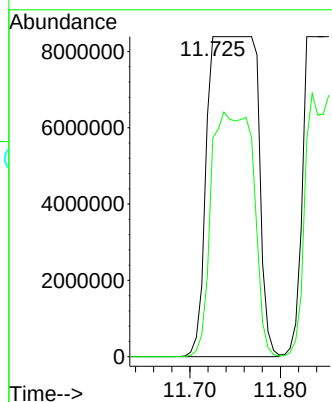
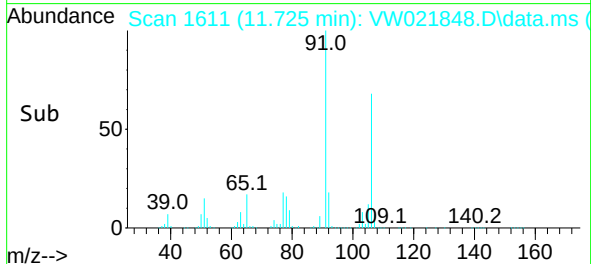
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



Tgt Ion: 91 Resp:3187421
Ion Ratio Lower Upper
91 100
106 68.4 21.5 39.9

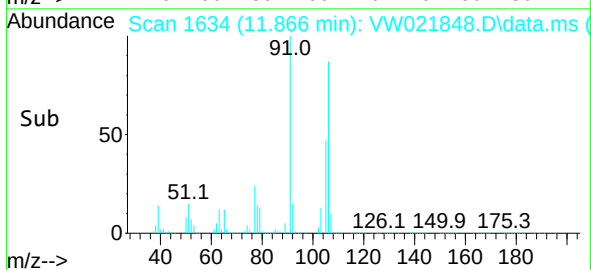
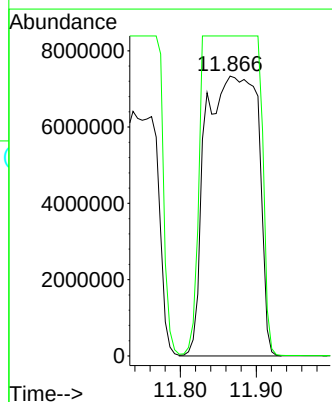
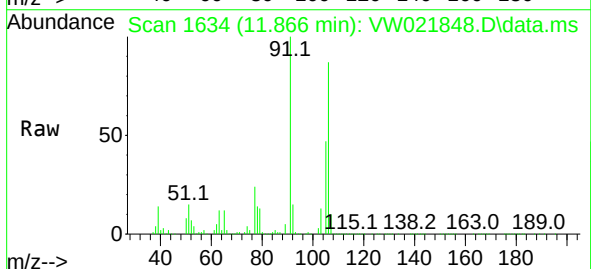
Manual Integrations
APPROVED

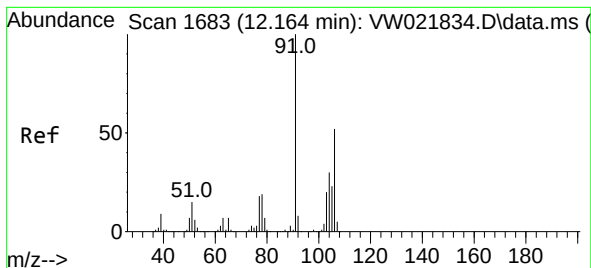
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#53
m,p-Xylene
Concen: 25816.878 ug/L m
RT: 11.866 min Scan# 1634
Delta R.T. 0.024 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

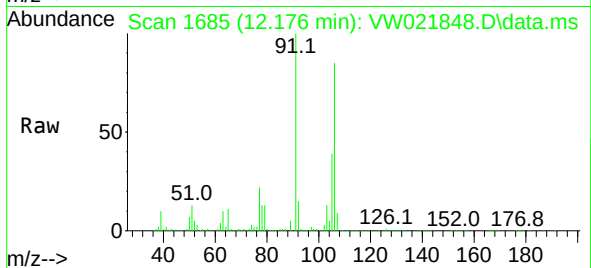
Tgt Ion:106 Resp:35077541
Ion Ratio Lower Upper
106 100
91 114.4 149.9 278.3





#54
o-Xylene
Concen: 15840.397 ug/L m
RT: 12.176 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44

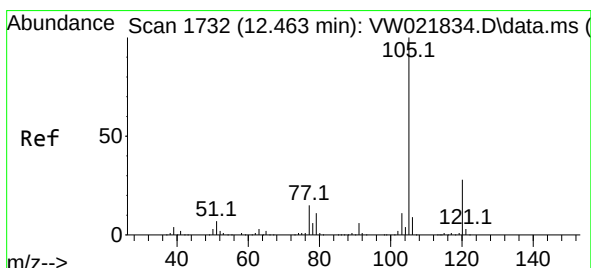
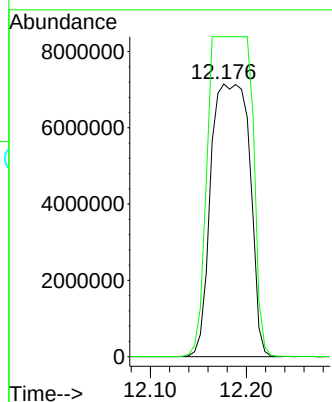
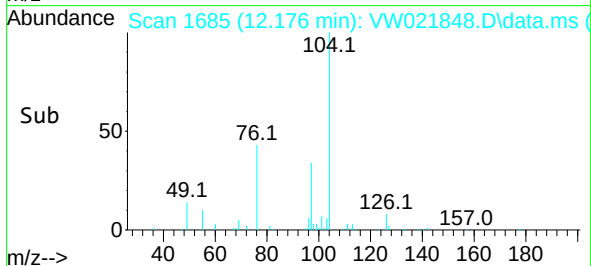
Instrument :
MSVOA_W
ClientSampleId :
BGLN1



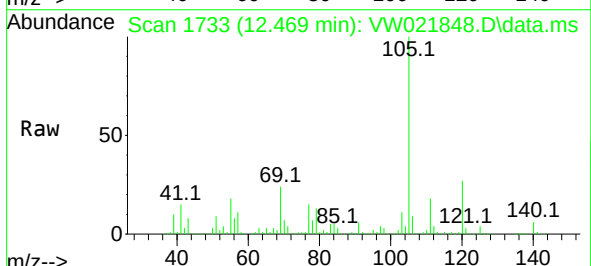
Tgt Ion:106 Resp:19980810
Ion Ratio Lower Upper
106 100
91 117.3 153.6 285.3

Manual Integrations
APPROVED

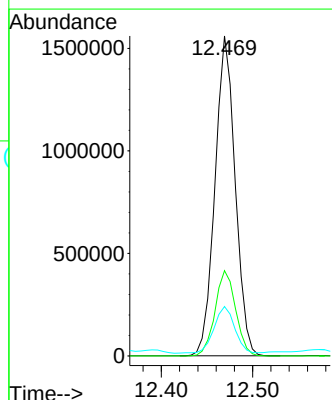
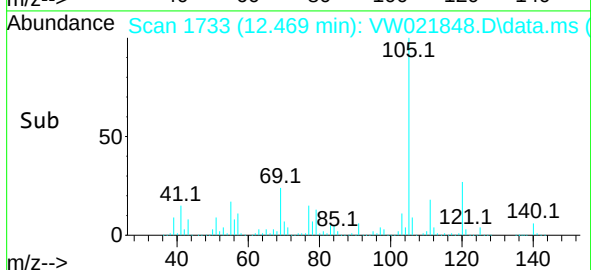
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

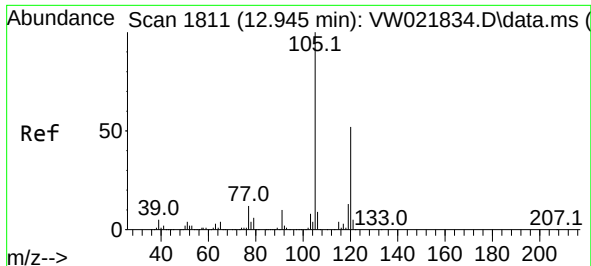


#60
Isopropylbenzene
Concen: 106.271 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW021848.D
Acq: 11 Jan 2022 21:44



Tgt Ion:105 Resp: 2394542
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 15.9 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 440.441 ug/L m

RT: 12.963 min Scan# 1811

Delta R.T. 0.018 min

Lab File: VW021848.D

Acq: 11 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

BGLN1

Tgt Ion:105 Resp: 821808

Ion Ratio Lower Upper

105 100

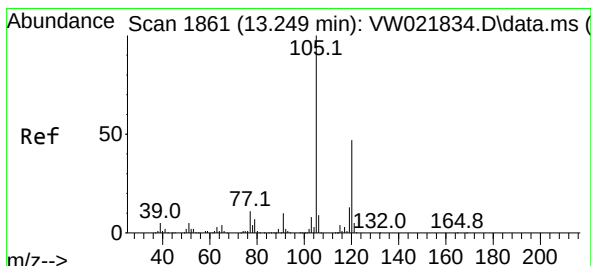
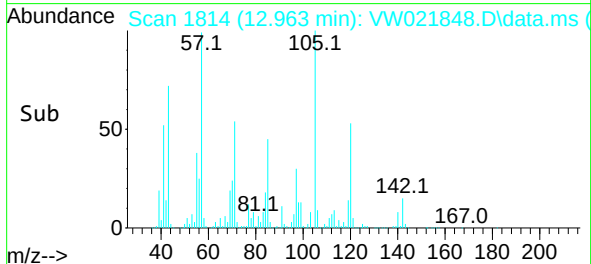
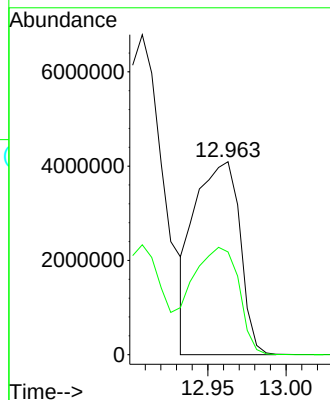
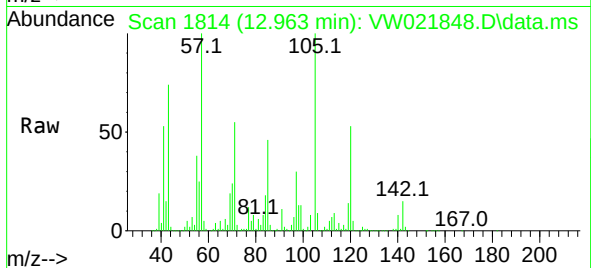
120 120.9 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#63

1,2,4-Trimethylbenzene

Concen: 1298.652 ug/L m

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021848.D

Acq: 11 Jan 2022 21:44

Tgt Ion:105 Resp:23897986

Ion Ratio Lower Upper

105 100

120 71.6 35.0 52.6

