

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024165.D
 Acq On : 04 Aug 2022 17:04
 Operator : SY/VA
 Sample : N4008-08
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZF2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 05 01:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 01:00:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	146982	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	95788	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.536	152	198591	25.000	ug/L	#-0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	92556	30.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.520%			
7) Chloroethane-d5	2.873	69	49302	25.761	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.040%			
11) 1,1-Dichloroethene-d2	4.007	63	66748	19.063	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.240%			
21) 2-Butanone-d5	7.074	46	36824	64.424	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.840%			
24) Chloroform-d	7.647	84	99090	22.281	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.120%			
26) 1,2-Dichloroethane-d4	8.305	65	58733	23.787	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.160%			
32) Benzene-d6	8.269	84	187709	33.227	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 132.920%			
36) 1,2-Dichloropropane-d6	9.275	67	61091	36.626	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 146.520%#			
41) Toluene-d8	10.317	98	249055	47.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 188.680%#			
43) trans-1,3-Dichloroprop...	10.573	79	23531	32.209	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 128.840%			
47) 2-Hexanone-d5	10.921	63	31834	103.330	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 206.660%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	68509	42.335	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 169.320%#			
66) 1,2-Dichlorobenzene-d4	13.871	152	182621	25.129	ug/L	0.02
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.520%			
Target Compounds						
13) Acetone	4.123	43	19393m	46.083	ug/L	
16) Methylene chloride	4.903	84	26949	10.397	ug/L	93
29) Cyclohexane	7.946	56	213685	108.812	ug/L	# 83
33) Benzene	8.324	78	143340	25.337	ug/L	100
34) Trichloroethene	9.092	95	3899	2.607	ug/L	# 79
35) Methylcyclohexane	9.329	83	1300520	554.612	ug/L	98
42) Toluene	10.384	91	2795451	464.986	ug/L	100
46) Tetrachloroethene	10.854	164	3307	2.732	ug/L	85
52) Ethylbenzene	11.725	91	1449860	220.119	ug/L	99
53) m,p-Xylene	11.835	106	10164058m	3964.268	ug/L	
54) o-Xylene	12.164	106	3356119	1385.559	ug/L	96
60) Isopropylbenzene	12.463	105	940451	39.119	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	9822765	494.431	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	17715470m	905.431	ug/L	

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

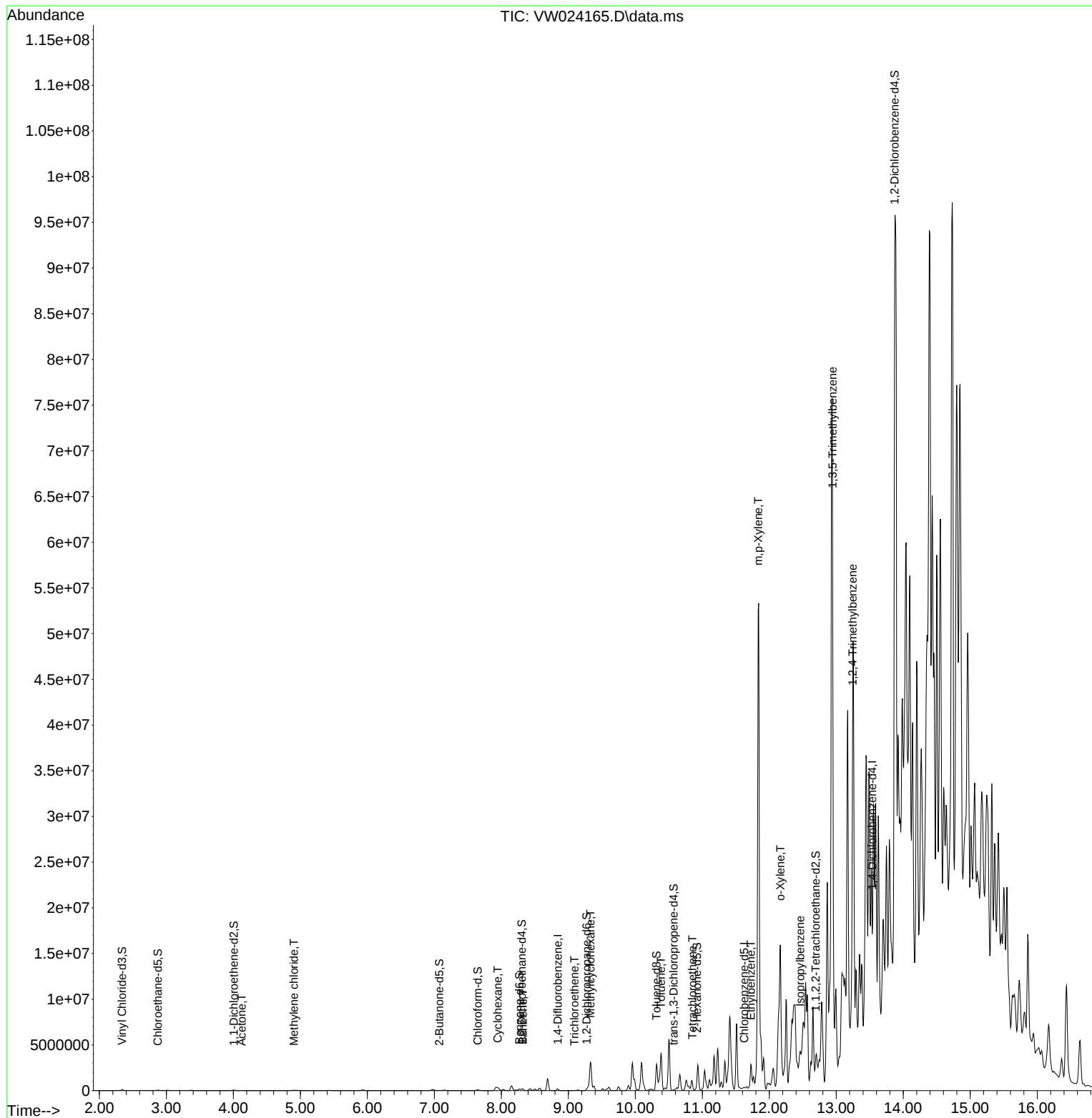
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024165.D
Acq On : 04 Aug 2022 17:04
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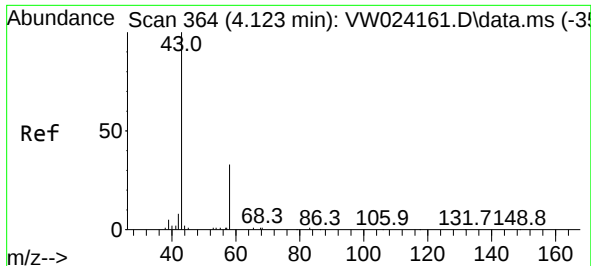
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2

Quant Time: Aug 05 01:02:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 05 01:00:42 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

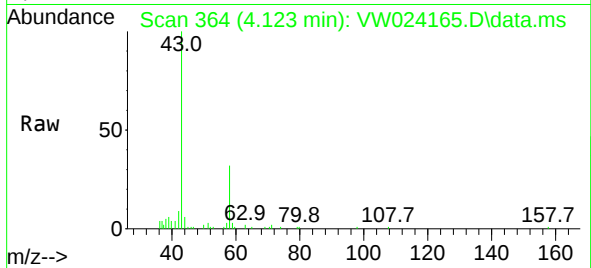
Reviewed By : Semsettin Yesilyurt 08/07/2022
Supervised By : Mahesh Dadoda 08/08/2022





#13
Acetone
Concen: 46.083 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

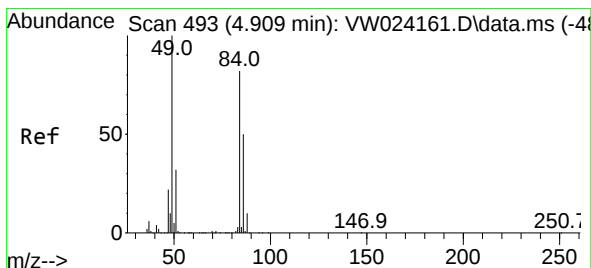
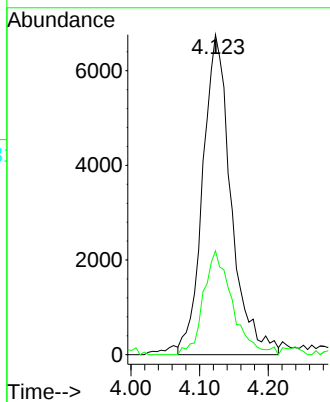
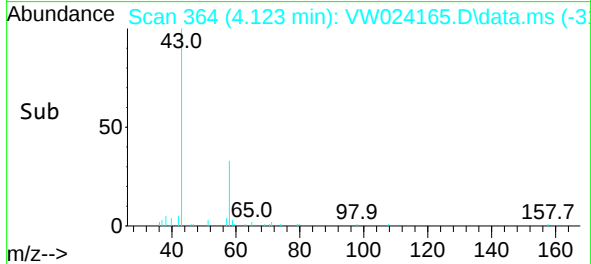
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2



Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
58 0.1 0.0 31.8

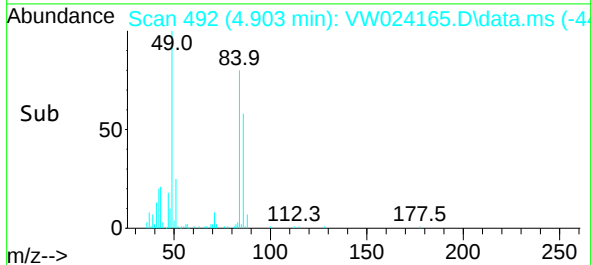
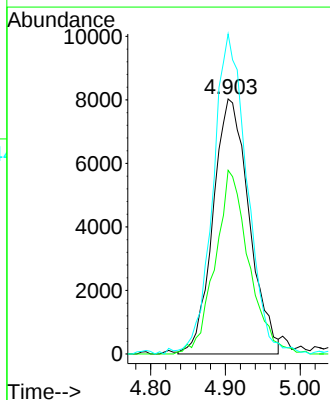
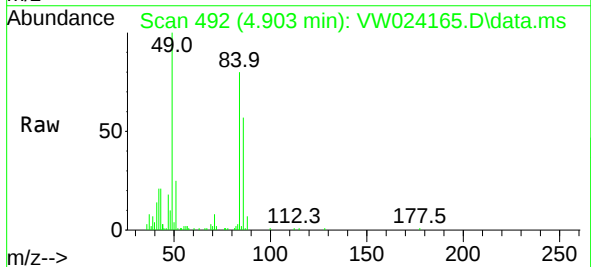
Manual Integrations
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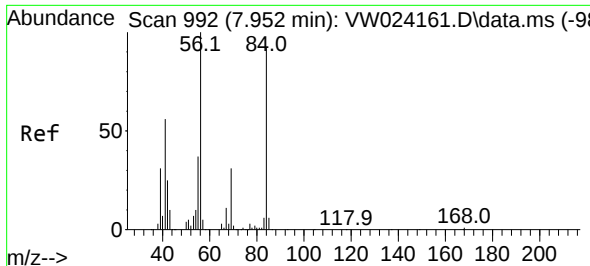
Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022



#16
Methylene chloride
Concen: 10.397 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

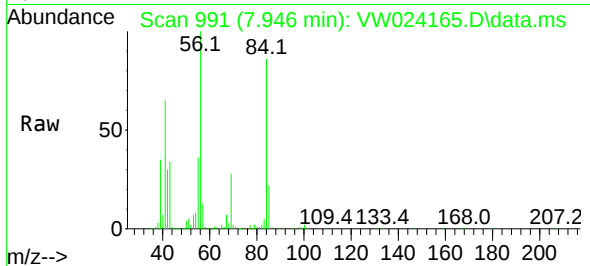
Tgt Ion: 84 Resp: 26949
Ion Ratio Lower Upper
84 100
86 72.0 42.8 79.6
49 125.4 85.3 158.3





#29
Cyclohexane
Concen: 108.812 ug/L
RT: 7.946 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

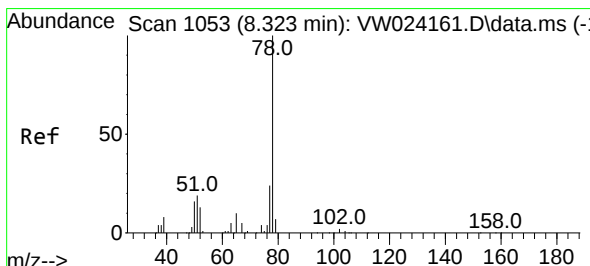
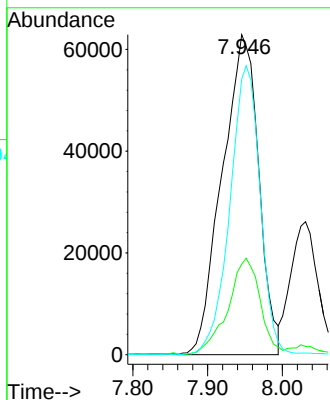
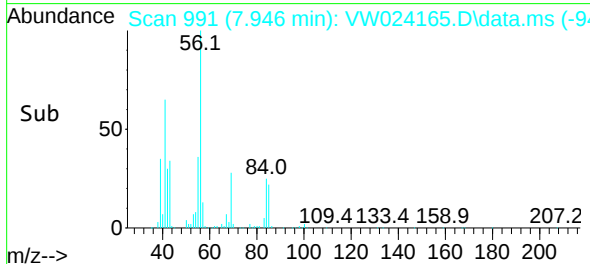
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2



Tgt Ion: 56 Resp: 21368
Ion Ratio Lower Upper
56 100
69 26.3 24.5 36.7
84 74.7 75.5 113.3

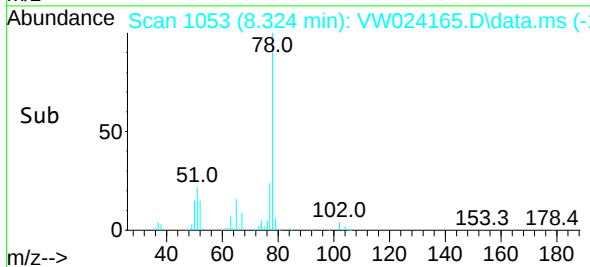
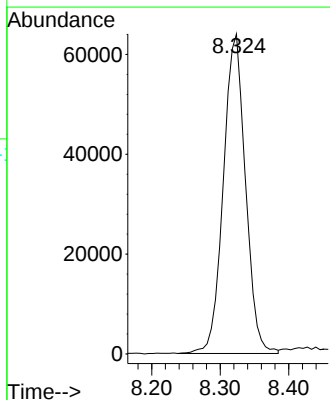
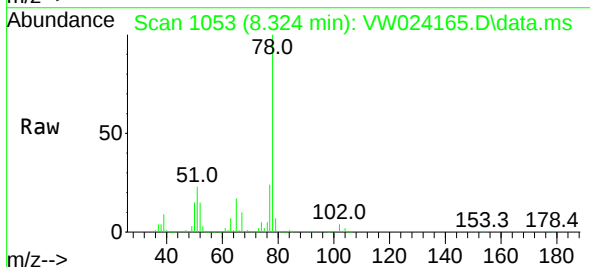
Manual Integrations
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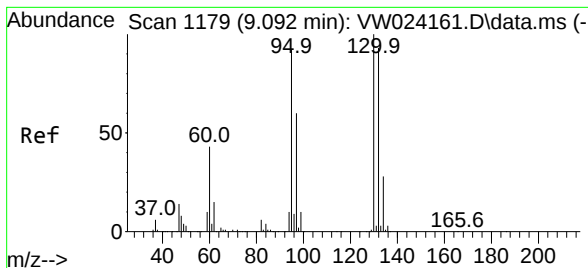
Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022



#33
Benzene
Concen: 25.337 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

Tgt Ion: 78 Resp: 143340





#34

Trichloroethene

Concen: 2.607 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024165.D

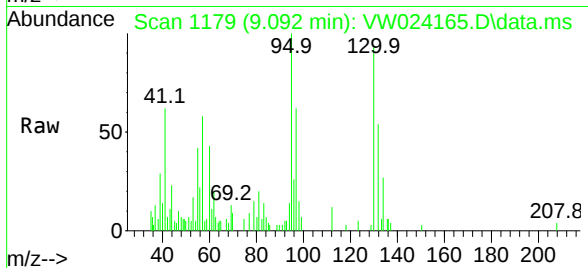
Acq: 04 Aug 2022 17:04

Instrument :

MSVOA_W

ClientSampleId :

C0ZF2



Tgt Ion: 95 Resp: 389

Ion Ratio Lower Upper

95 100

97 61.8 41.6 77.2

132 54.3 67.0 124.4

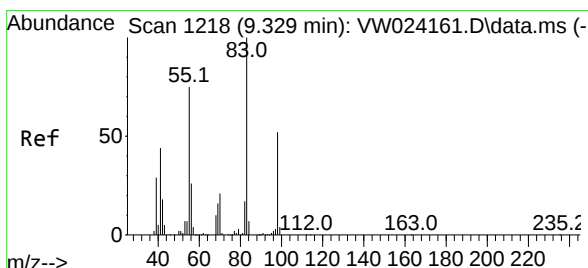
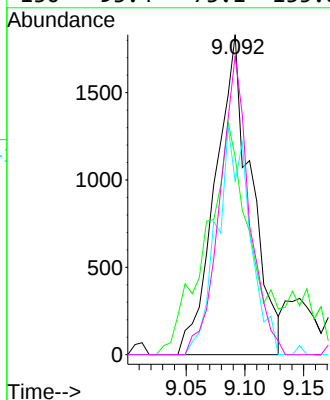
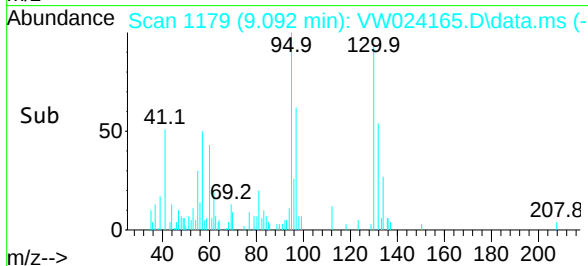
130 93.4 73.1 135.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022

Supervised By :Mahesh Dadoda 08/08/2022



#35

Methylcyclohexane

Concen: 554.612 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024165.D

Acq: 04 Aug 2022 17:04

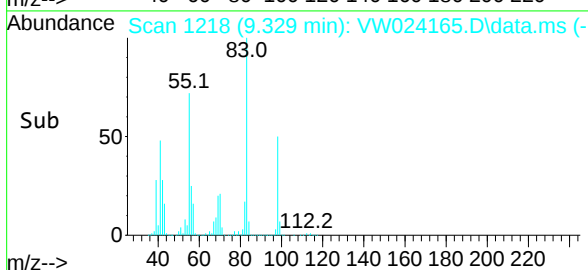
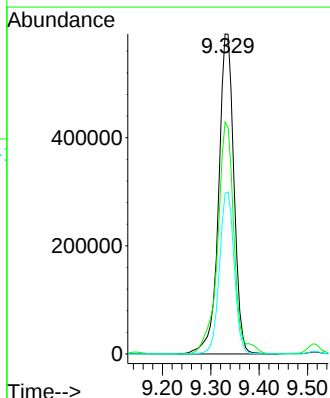
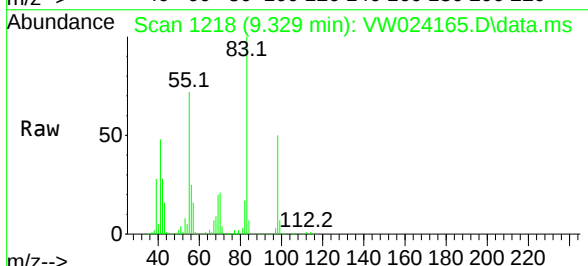
Tgt Ion: 83 Resp: 1300520

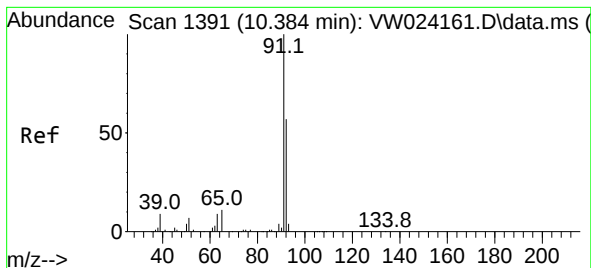
Ion Ratio Lower Upper

83 100

55 75.4 59.1 88.7

98 48.7 40.8 61.2





#42

Toluene

Concen: 464.986 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024165.D

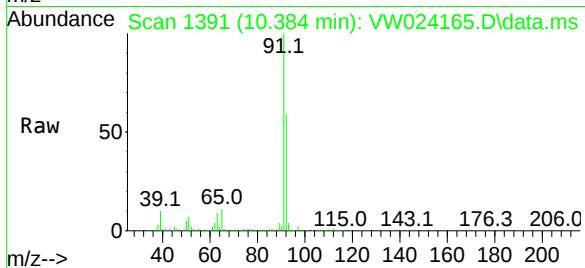
Acq: 04 Aug 2022 17:04

Instrument :

MSVOA_W

ClientSampleId :

C0ZF2



Tgt Ion: 91 Resp: 279545

Ion Ratio Lower Upper

91 100

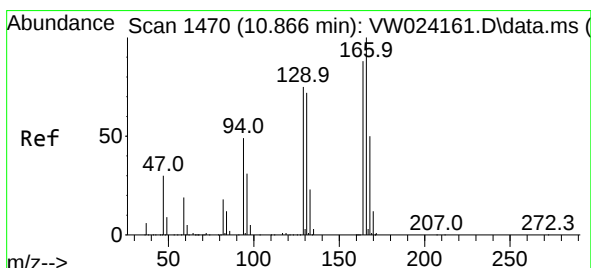
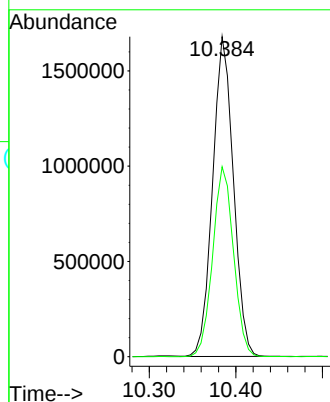
92 59.3 41.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022

Supervised By :Mahesh Dadoda 08/08/2022



#46

Tetrachloroethene

Concen: 2.732 ug/L

RT: 10.854 min Scan# 1468

Delta R.T. -0.012 min

Lab File: VW024165.D

Acq: 04 Aug 2022 17:04

Tgt Ion:164 Resp: 3307

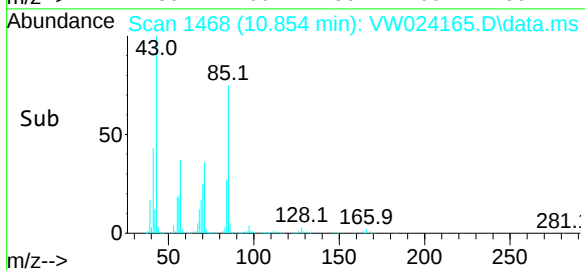
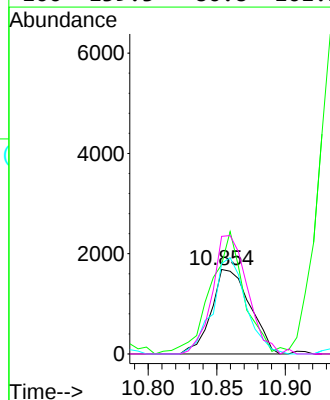
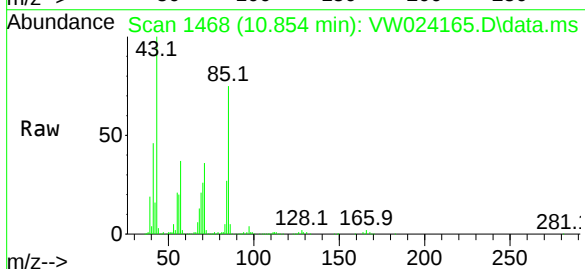
Ion Ratio Lower Upper

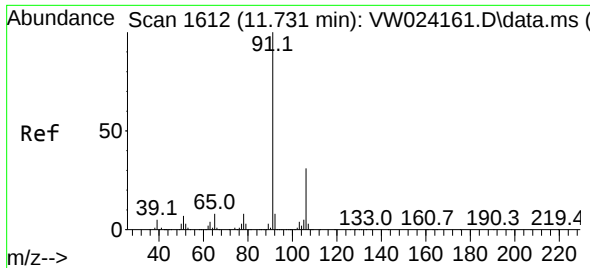
164 100

129 106.1 63.1 117.3

131 107.3 63.9 118.7

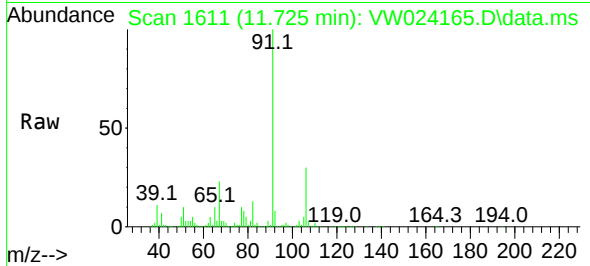
166 139.3 86.8 161.2





#52
Ethylbenzene
Concen: 220.119 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

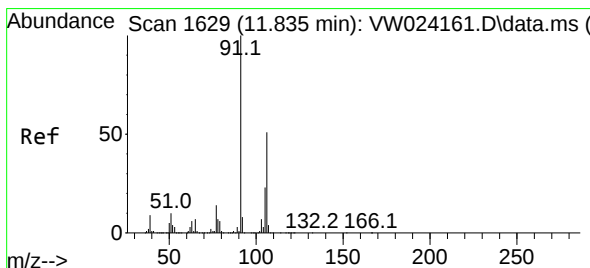
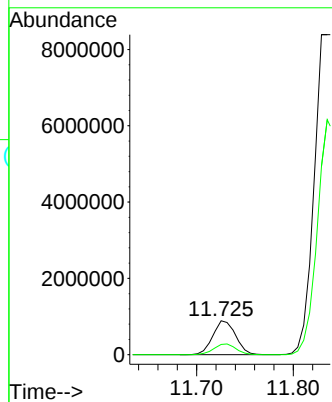
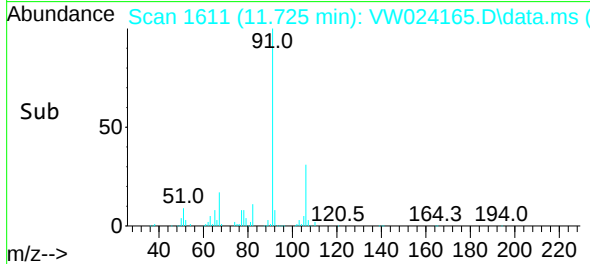
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2



Tgt Ion: 91 Resp: 1449860
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7

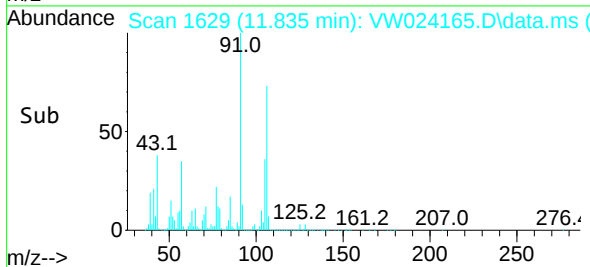
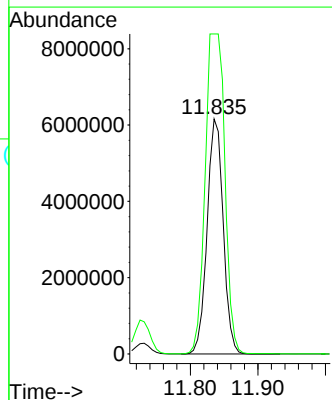
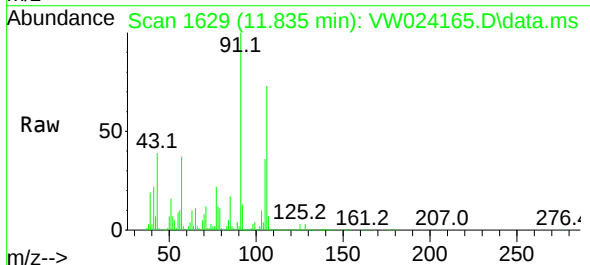
Manual Integrations
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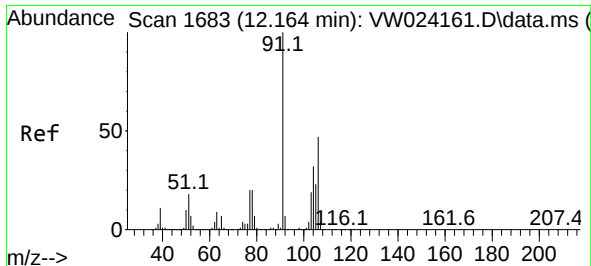
Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022



#53
m,p-Xylene
Concen: 3964.268 ug/L m
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

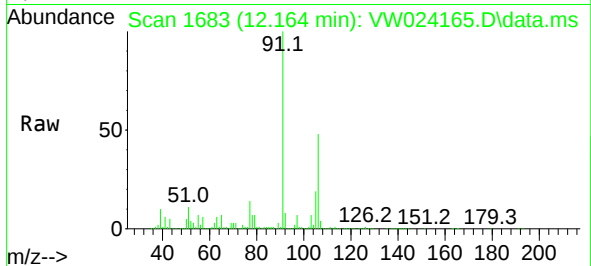
Tgt Ion:106 Resp:10164058
Ion Ratio Lower Upper
106 100
91 136.2 144.1 267.7#





#54
o-Xylene
Concen: 1385.559 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

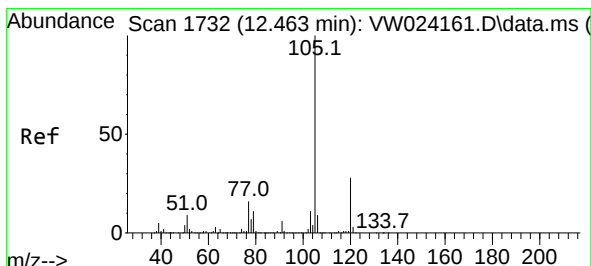
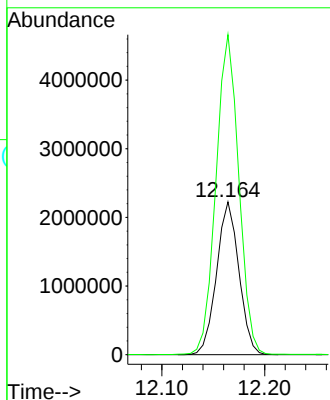
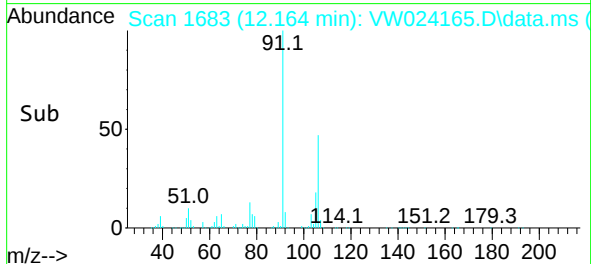
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2



Tgt Ion:106 Resp: 3356119
Ion Ratio Lower Upper
106 100
91 209.4 150.9 280.3

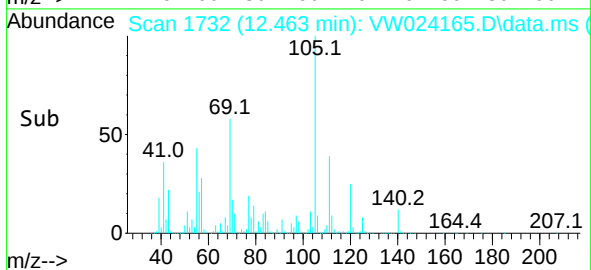
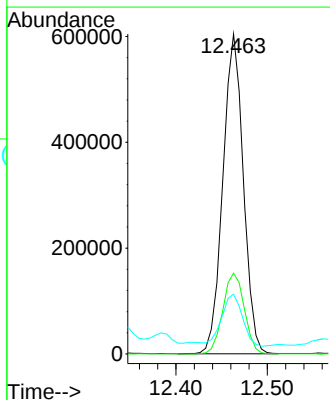
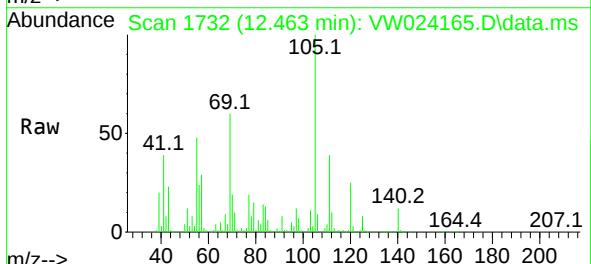
Manual Integrations
APPROVED

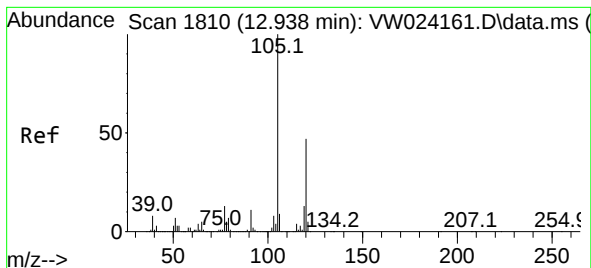
Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022



#60
Isopropylbenzene
Concen: 39.119 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

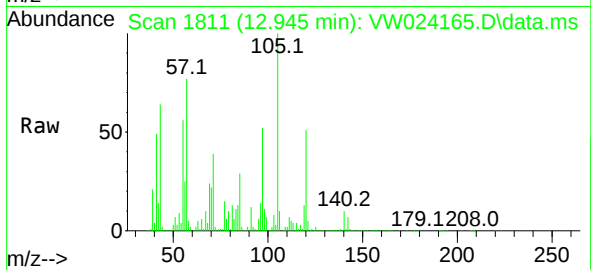
Tgt Ion:105 Resp: 940451
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 16.4 12.4 18.6





#62
1,3,5-Trimethylbenzene
Concen: 494.431 ug/L
RT: 12.945 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04

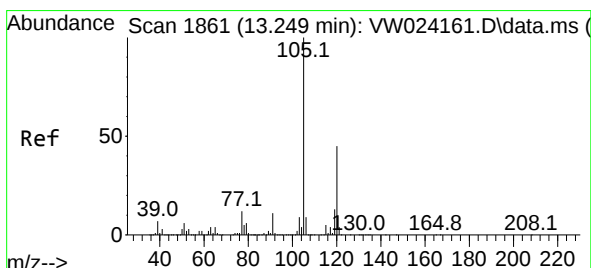
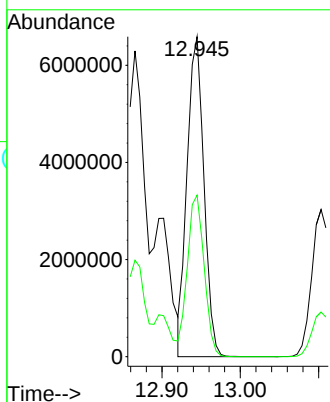
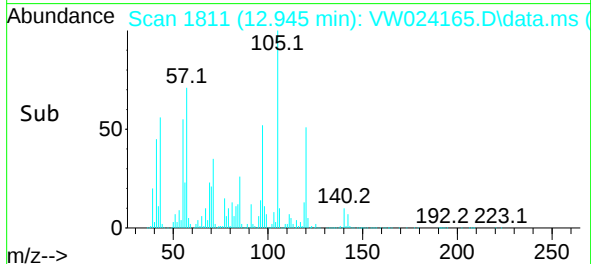
Instrument :
MSVOA_W
ClientSampleId :
C0ZF2



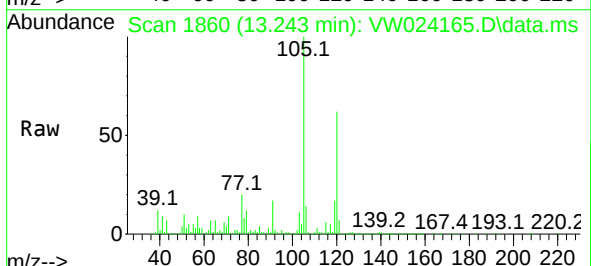
Tgt Ion:105 Resp: 982276
Ion Ratio Lower Upper
105 100
120 50.5 39.7 59.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022



#63
1,2,4-Trimethylbenzene
Concen: 905.431 ug/L m
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024165.D
Acq: 04 Aug 2022 17:04



Tgt Ion:105 Resp:17715470
Ion Ratio Lower Upper
105 100
120 28.0 36.4 54.6#

