

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021328.D
 Acq On : 11 Dec 2021 15:41
 Operator : SY/VA
 Sample : M5062-05
 Misc : 6.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL04

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 08:08:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	90173	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88463	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36301	22.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.400%		
7) Chloroethane-d5	2.879	69	28848	26.571	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.280%		
11) 1,1-Dichloroethene-d2	4.032	63	138608	63.307	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	253.240%#		
21) 2-Butanone-d5	7.074	46	15070	65.098	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	130.200%		
24) Chloroform-d	7.647	84	62271	24.780	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.120%		
26) 1,2-Dichloroethane-d4	8.305	65	32830	24.561	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.240%		
32) Benzene-d6	8.275	84	112386	23.177	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.720%		
36) 1,2-Dichloropropane-d6	9.275	67	32847	25.258	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.040%		
41) Toluene-d8	10.323	98	108057	21.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.240%		
43) trans-1,3-Dichloroprop...	10.579	79	15622	26.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.360%		
47) 2-Hexanone-d5	10.921	63	12161	63.240	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.480%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29893	26.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.960%		
66) 1,2-Dichlorobenzene-d4	13.847	152	38636	20.805	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	211482	189.207	ug/L #	60
13) Acetone	4.111	43	2589m	12.475	ug/L	
19) 1,1-Dichloroethane	6.214	63	325787	171.549	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	8162841	4112.558	ug/L #	89
34) Trichloroethene	9.086	95	509236	376.438	ug/L	97
42) Toluene	10.390	91	349122	61.944	ug/L	99
45) 1,1,2-Trichloroethane	10.793	97	5096	5.792	ug/L	88
46) Tetrachloroethene	10.872	164	5335541	4151.898	ug/L	90
53) m,p-Xylene	11.835	106	6698	2.578	ug/L	88
54) o-Xylene	12.164	106	2847	1.155	ug/L	84
57) 1,1,2,2-Tetrachloroethane	12.713	83	1134	1.124	ug/L #	89
63) 1,2,4-Trimethylbenzene	13.249	105	5021	0.919	ug/L	99

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

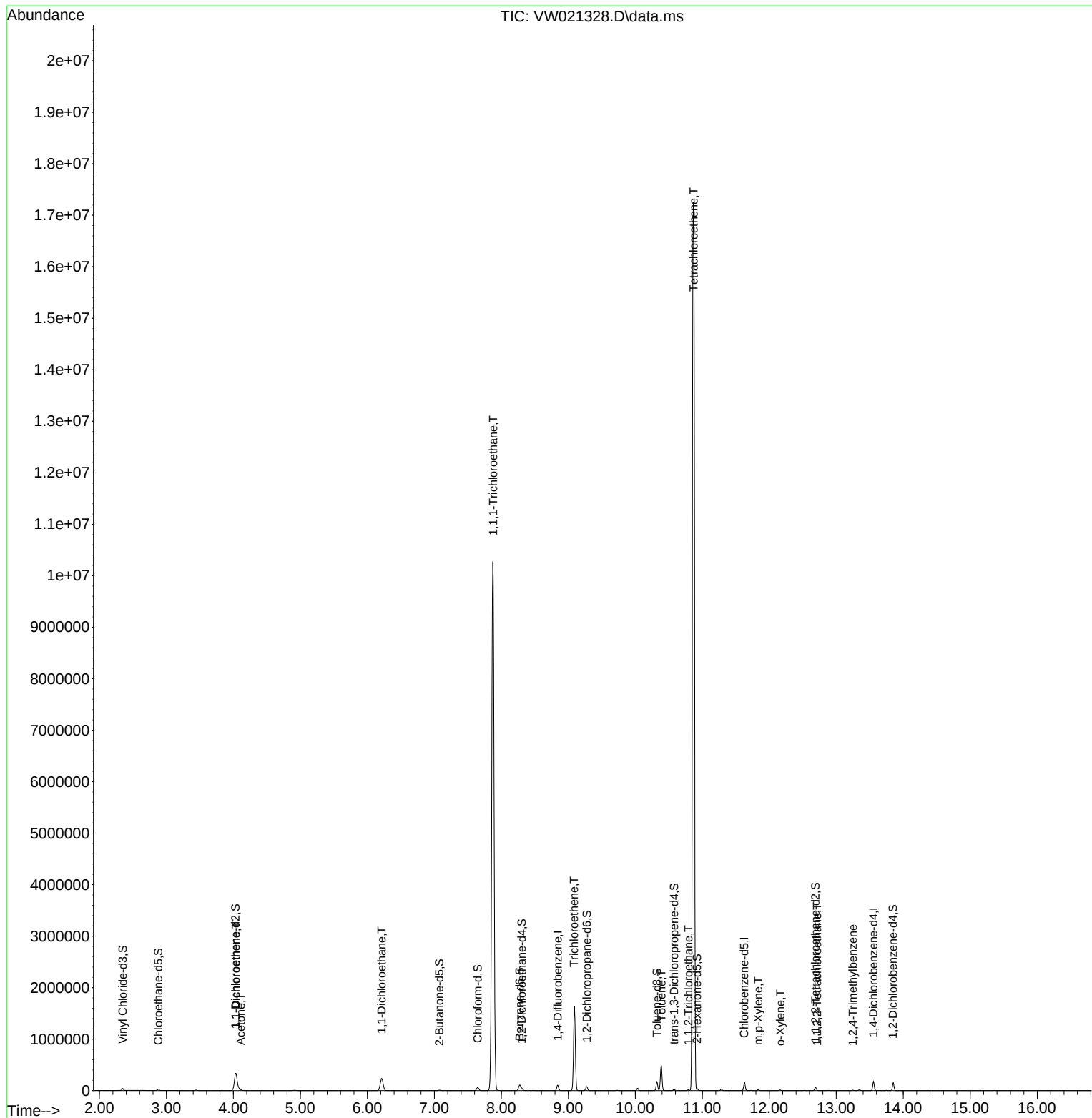
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
Data File : VW021328.D
Acq On : 11 Dec 2021 15:41
Operator : SY/VA
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Misc : 6.80g/10.0mL/MSVOA_W/SOIL
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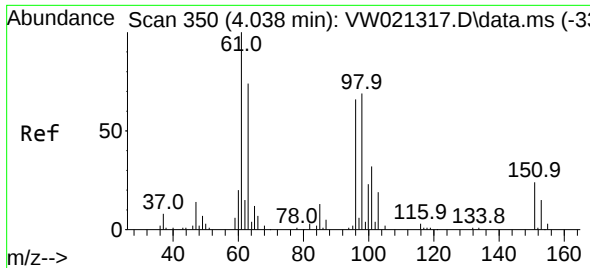
Instrument :
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ClientSampleId :
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Supervised By :Mahesh Dadoda 12/15/2021

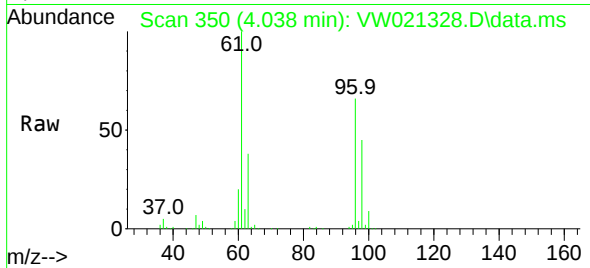
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 189.207 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

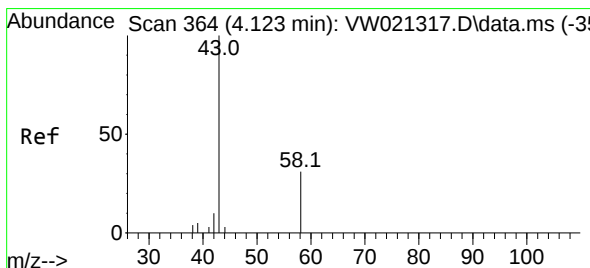
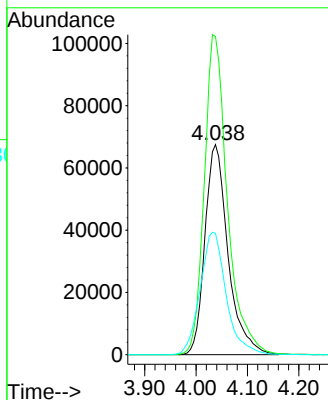
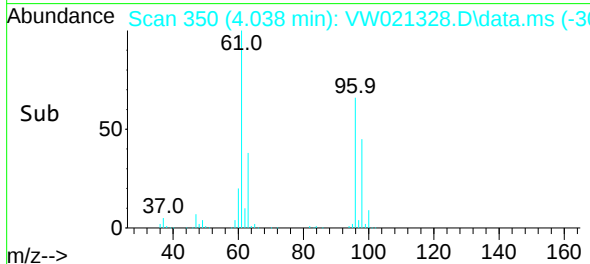
Instrument :
MSVOA_W
ClientSampleId :
BGL04



Tgt Ion: 96 Resp: 21148
Ion Ratio Lower Upper
96 100
61 151.5 138.3 256.9
63 57.8 82.6 153.4

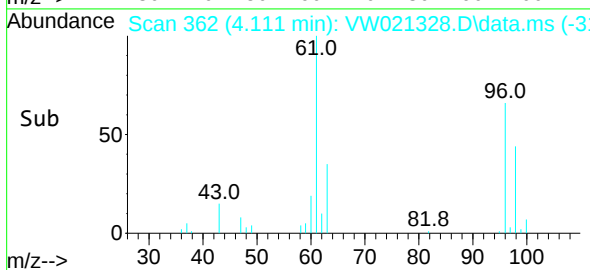
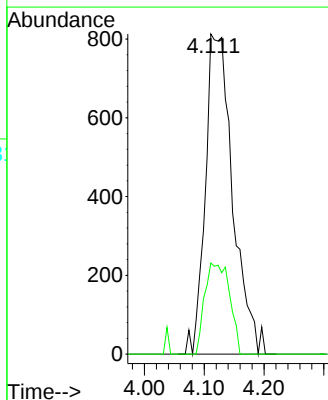
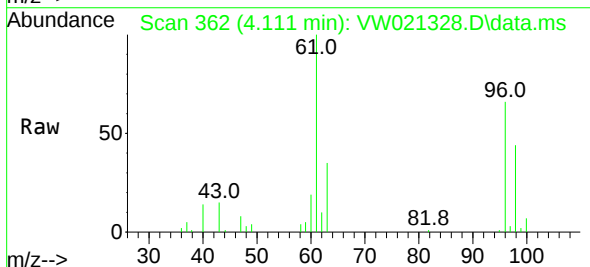
Manual Integrations
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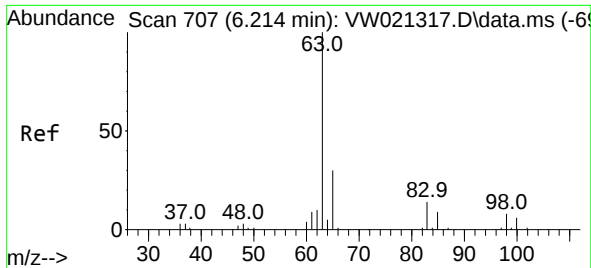
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#13
Acetone
Concen: 12.475 ug/L m
RT: 4.111 min Scan# 362
Delta R.T. -0.012 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
58 17.8 0.0 52.8





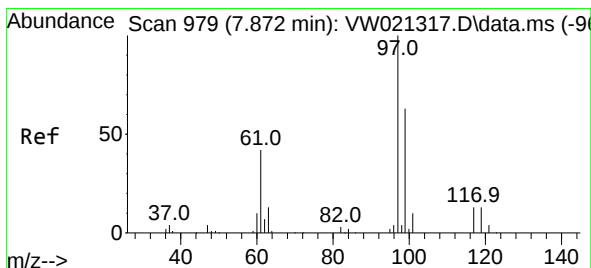
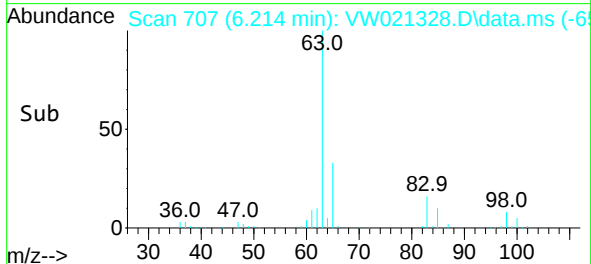
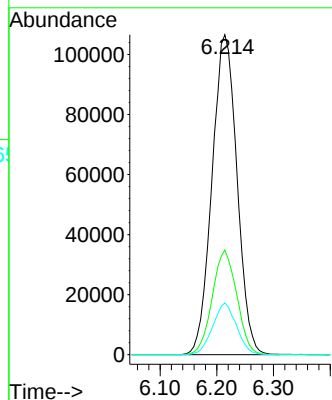
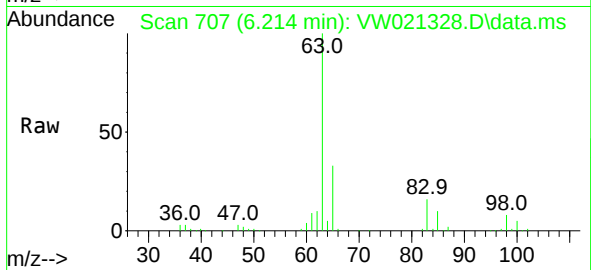
#19
 1,1-Dichloroethane
 Concen: 171.549 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW021328.D
 Acq: 11 Dec 2021 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion: 63 Resp: 32578
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.1 41.1
 83 16.2 9.2 17.2

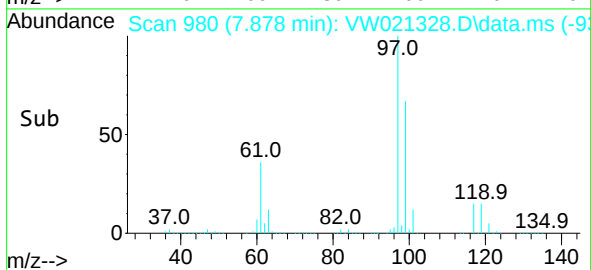
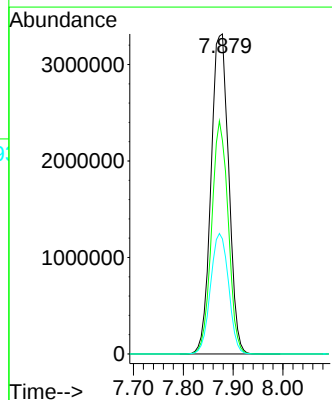
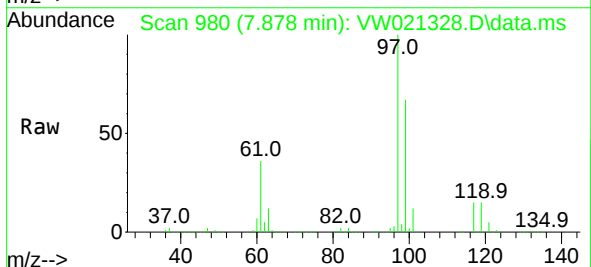
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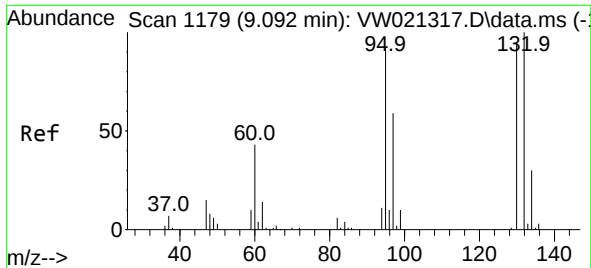
Reviewed By :Semsettin Yesilyurt 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#30
 1,1,1-Trichloroethane
 Concen: 4112.558 ug/L
 RT: 7.878 min Scan# 980
 Delta R.T. 0.006 min
 Lab File: VW021328.D
 Acq: 11 Dec 2021 15:41

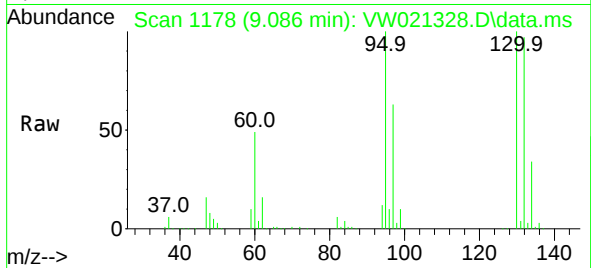
Tgt Ion: 97 Resp: 8162841
 Ion Ratio Lower Upper
 97 100
 99 68.2 51.6 77.4
 61 38.4 40.9 61.3#





#34
Trichloroethene
Concen: 376.438 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

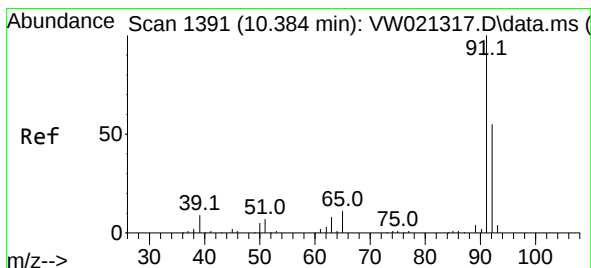
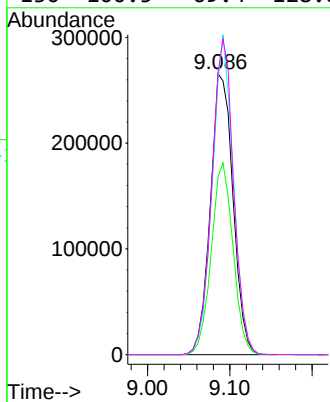
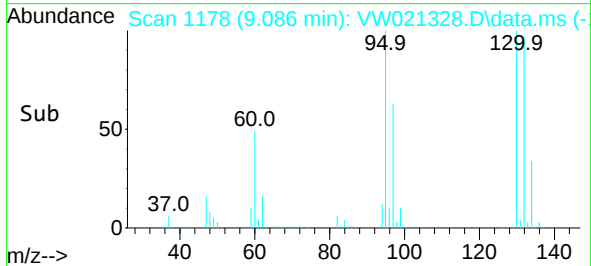
Instrument :
MSVOA_W
ClientSampleId :
BGL04



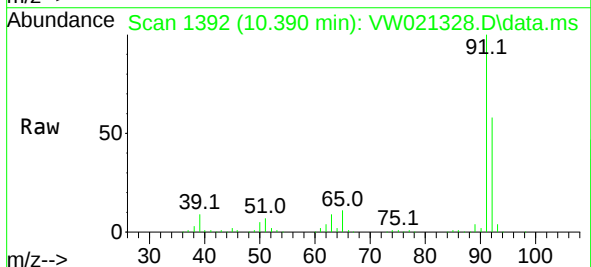
Tgt Ion: 95 Resp: 509230
Ion Ratio Lower Upper
95 100
97 63.3 47.0 87.2
132 97.7 65.5 121.6
130 100.5 69.4 128.8

Manual Integrations
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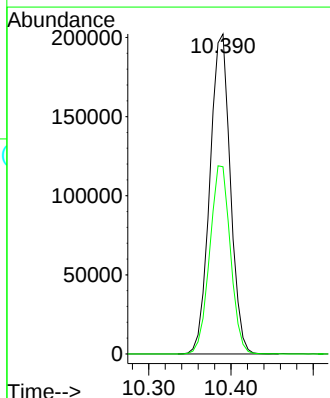
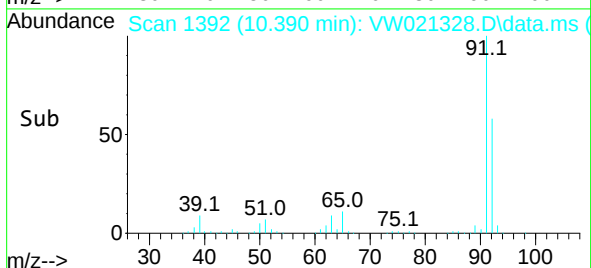
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

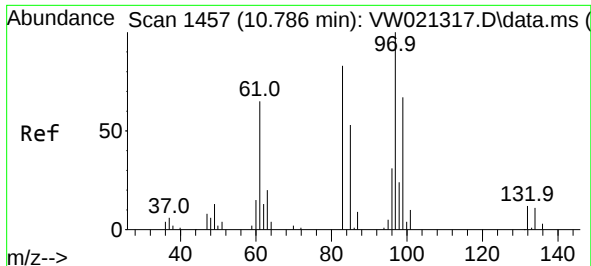


#42
Toluene
Concen: 61.944 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41



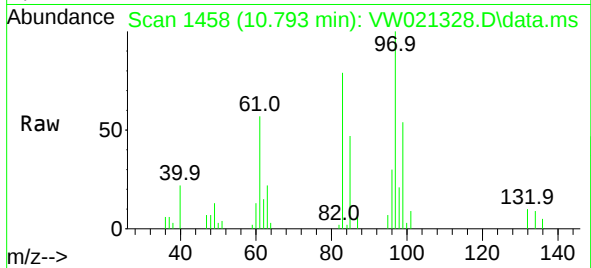
Tgt Ion: 91 Resp: 349122
Ion Ratio Lower Upper
91 100
92 58.5 41.7 77.5





#45
1,1,2-Trichloroethane
Concen: 5.792 ug/L
RT: 10.793 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

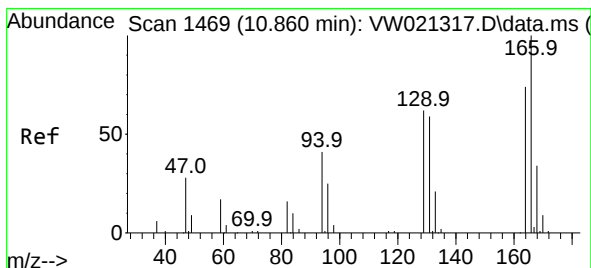
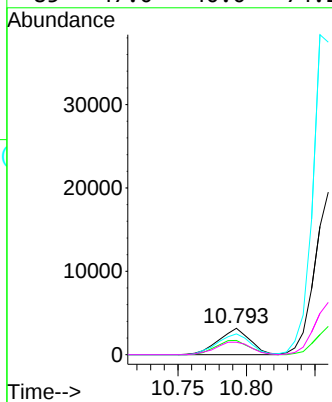
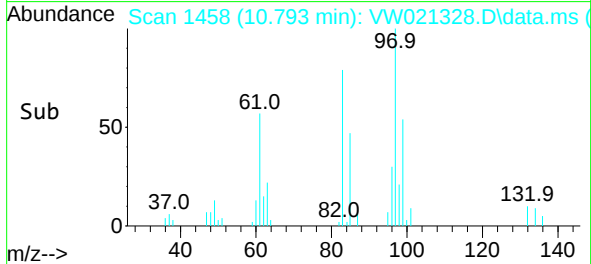
Instrument :
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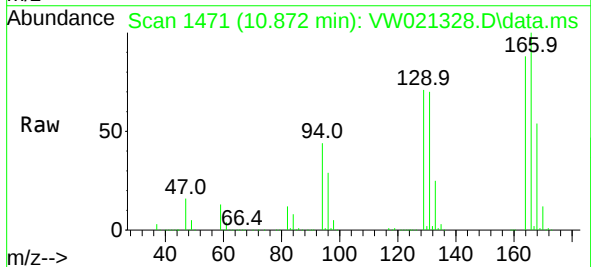
Tgt Ion: 97 Resp: 5090
Ion Ratio Lower Upper
97 100
99 53.6 43.0 79.8
83 78.5 62.6 116.3
85 47.0 40.0 74.2

Manual Integrations
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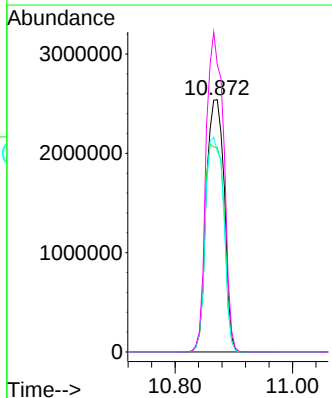
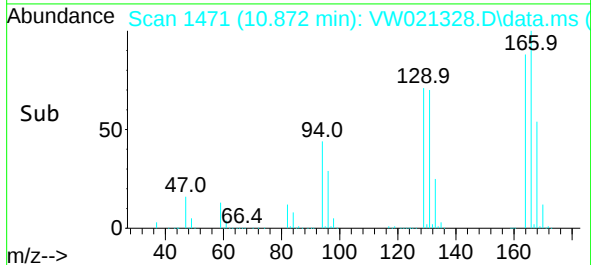
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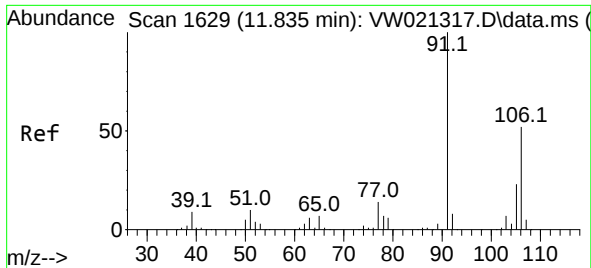


#46
Tetrachloroethene
Concen: 4151.898 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.012 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41



Tgt Ion:164 Resp: 5335541
Ion Ratio Lower Upper
164 100
129 81.1 65.5 121.7
131 79.6 59.7 110.9
166 113.9 88.7 164.7





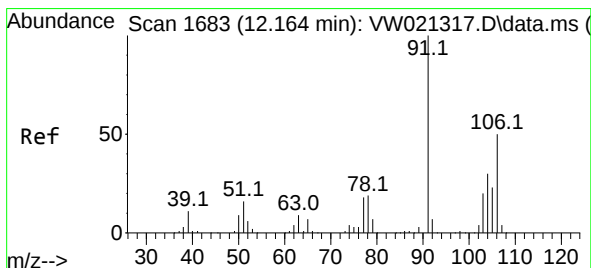
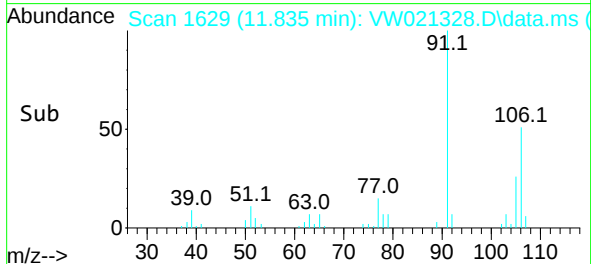
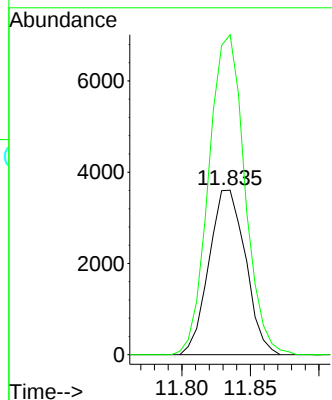
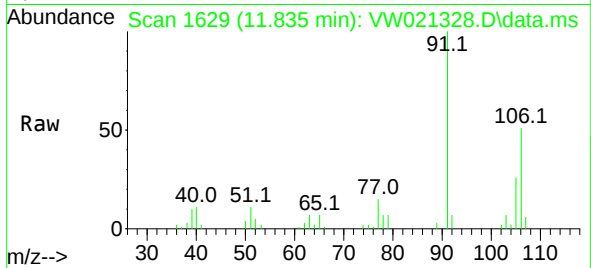
#53
m,p-Xylene
Concen: 2.578 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

Instrument :
MSVOA_W
ClientSampleId :
BGL04

Tgt Ion:106 Resp: 6698
Ion Ratio Lower Upper
106 100
91 194.6 149.9 278.3

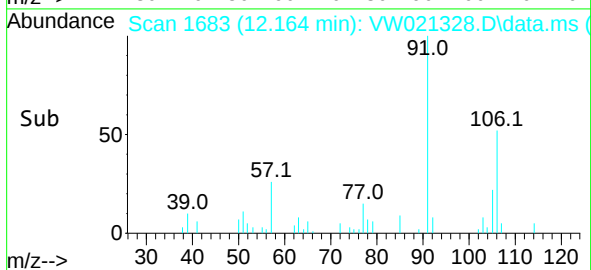
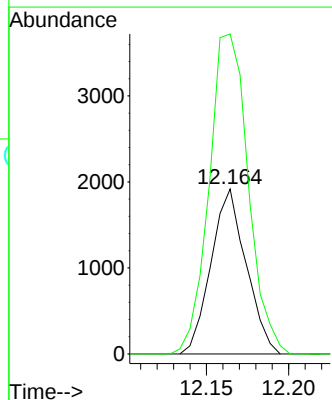
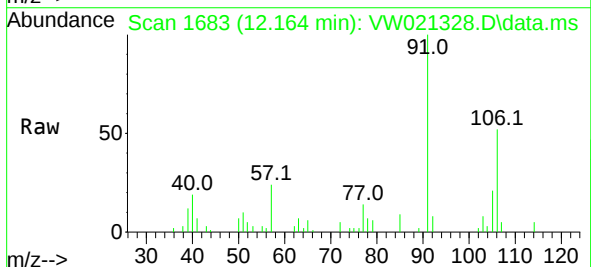
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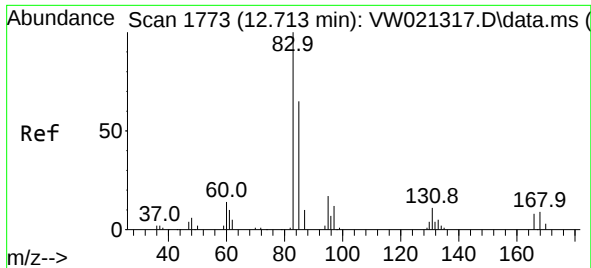
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
o-Xylene
Concen: 1.155 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

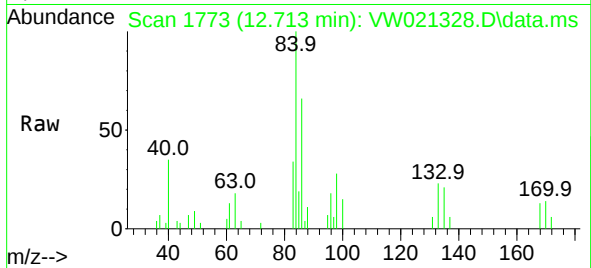
Tgt Ion:106 Resp: 2847
Ion Ratio Lower Upper
106 100
91 194.0 153.6 285.3





#57
1,1,2,2-Tetrachloroethane
Concen: 1.124 ug/L
RT: 12.713 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41

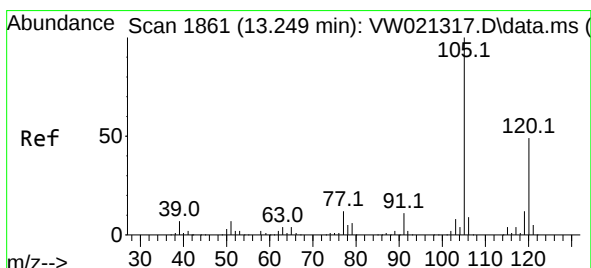
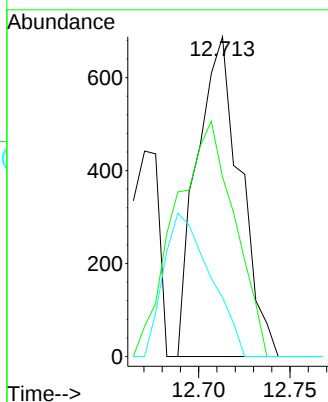
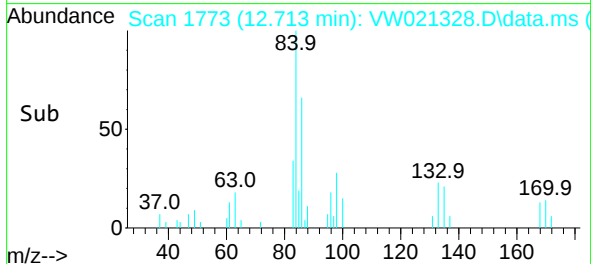
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BGL04



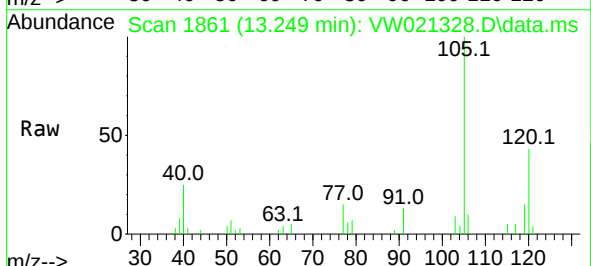
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Ion Ratio Lower Upper
83 100
85 56.1 44.0 81.6
131 18.5 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.919 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021328.D
Acq: 11 Dec 2021 15:41



Tgt Ion:105 Resp: 5021
Ion Ratio Lower Upper
105 100
120 43.0 35.0 52.6

