

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033244.D
 Acq On : 12 Dec 2023 03:43
 Operator : SY/MD
 Sample : 05751-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHC6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 12 04:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	266824	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	269074	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85934	53.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.740%			
7) Chloroethane-d5	1.532	69	62491	56.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.460%			
11) 1,1-Dichloroethene-d2	2.060	65	33202	54.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.440%			
21) 2-Butanone-d5	3.783	46	82307	103.891	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.890%			
24) Chloroform-d	4.246	84	176190	52.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.100%			
26) 1,2-Dichloroethane-d4	4.941	65	113952	54.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.280%			
32) Benzene-d6	4.960	84	339856	54.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.020%			
36) 1,2-Dichloropropane-d6	5.989	67	88898	52.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	7.243	98	318477	53.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.100%			
43) trans-1,3-Dichloroprop...	7.551	79	48454	45.286	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.580%			
47) 2-Hexanone-d5	8.021	63	63740	93.769	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.770%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	126062	52.410	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.820%			
66) 1,2-Dichlorobenzene-d4	11.561	152	143271	56.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.120%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	2630	1.966	ug/L	# 1
13) Acetone	2.108	43	197412	261.016	ug/L	99
19) 1,1-Dichloroethane	3.114	63	5601	1.927	ug/L	96
22) 2-Butanone	3.896	43	5170m	5.371	ug/L	
34) Trichloroethene	5.841	95	6808	3.342	ug/L	89

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

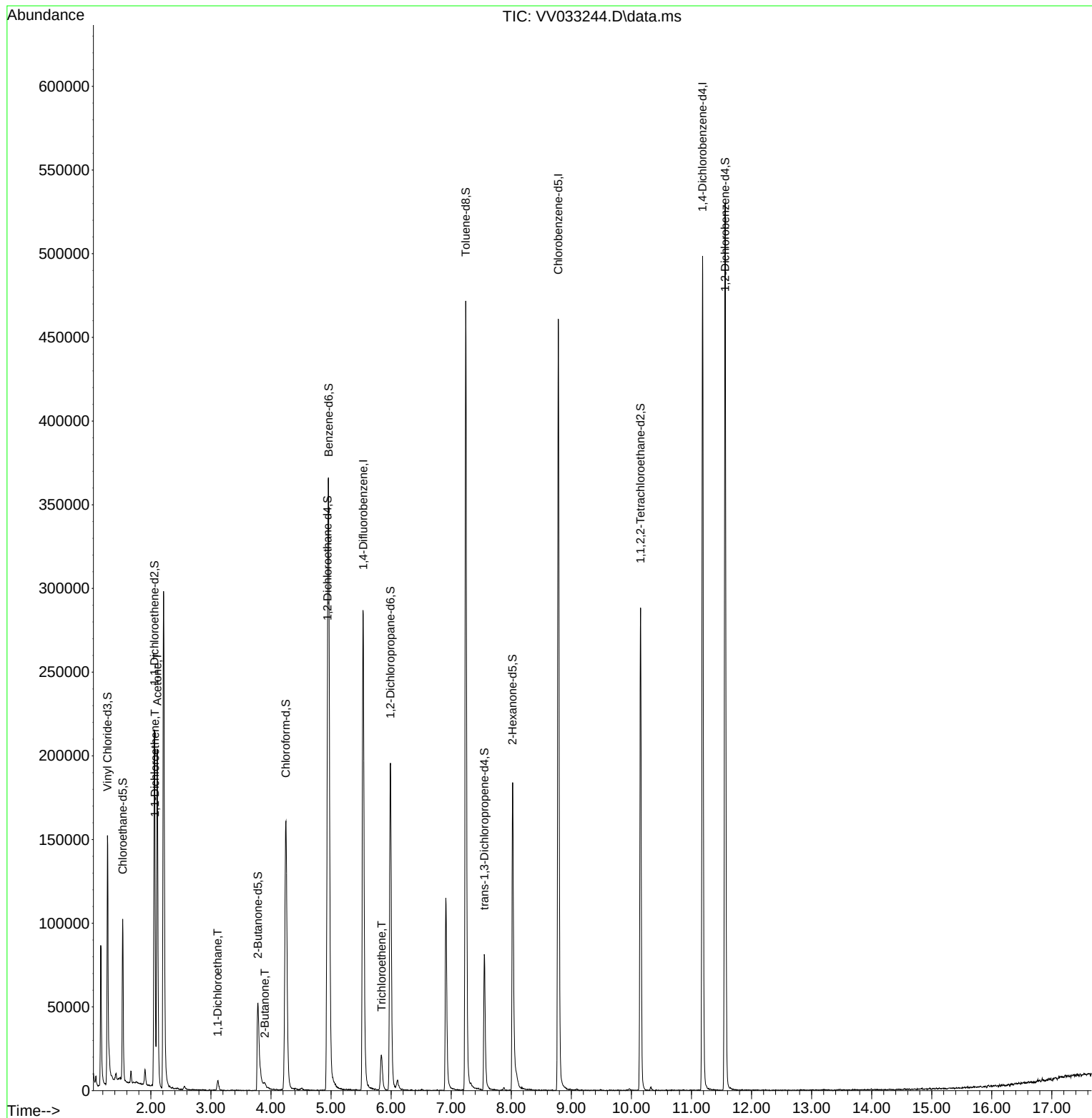
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121123\
Data File : VV033244.D
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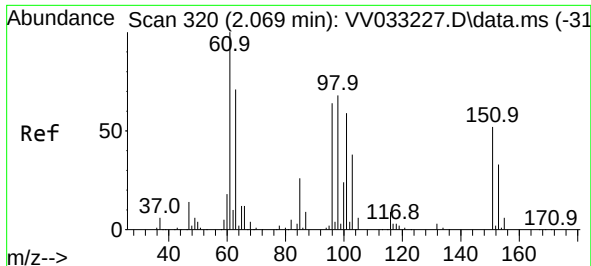
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
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#12

1,1-Dichloroethene

Concen: 1.966 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033244.D

Acq: 12 Dec 2023 03:43

Instrument :

MSVOA_V

ClientSampleId :

YCHC6

Tgt Ion: 96 Resp: 2630

Ion Ratio Lower Upper

96 100

61 504.8 109.1 202.7

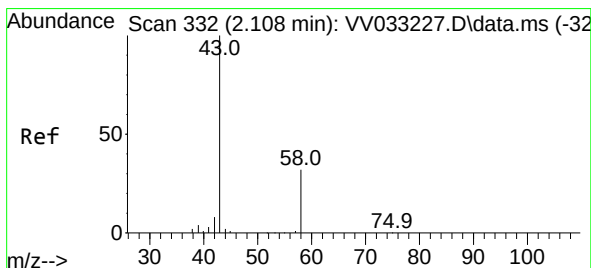
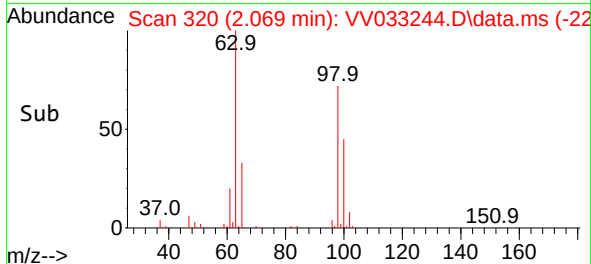
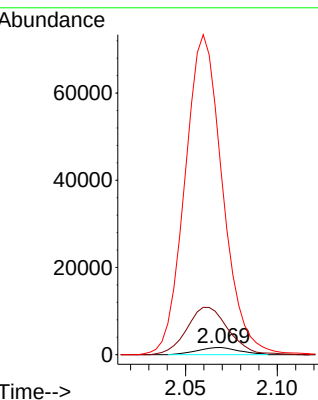
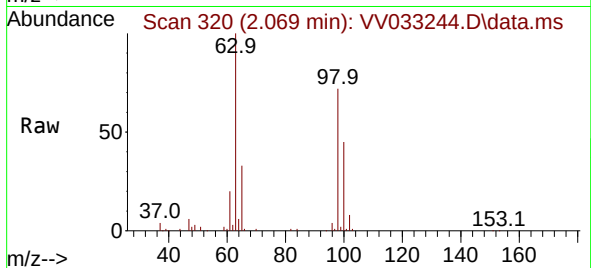
63 2580.6 85.3 158.1

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#13

Acetone

Concen: 261.016 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV033244.D

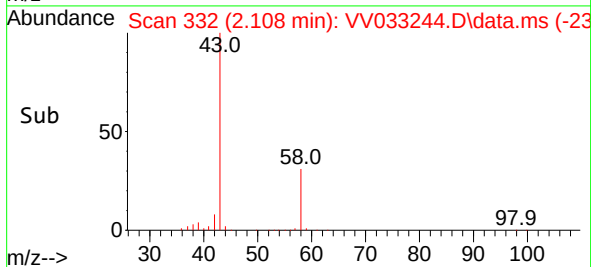
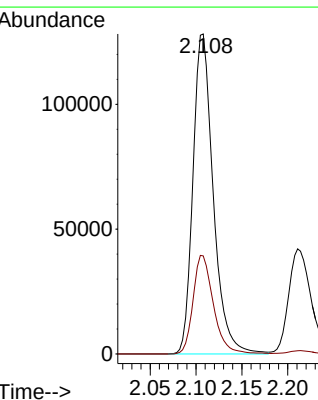
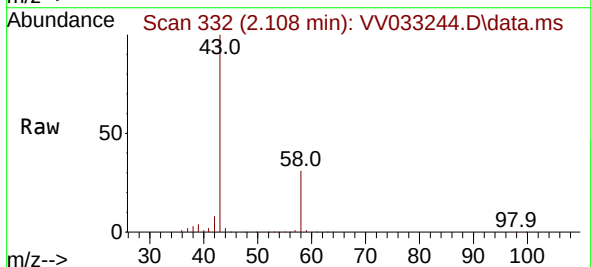
Acq: 12 Dec 2023 03:43

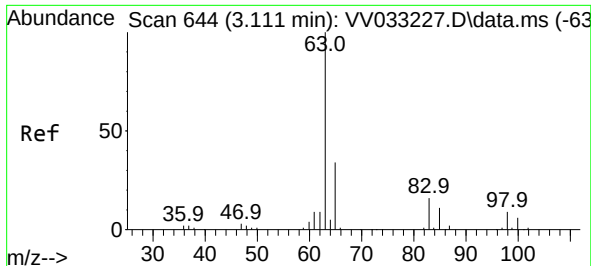
Tgt Ion: 43 Resp: 197412

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.8





#19

1,1-Dichloroethane

Concen: 1.927 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.007 min

Lab File: VV033244.D

Acq: 12 Dec 2023 03:43

Instrument :

MSVOA_V

ClientSampleId :

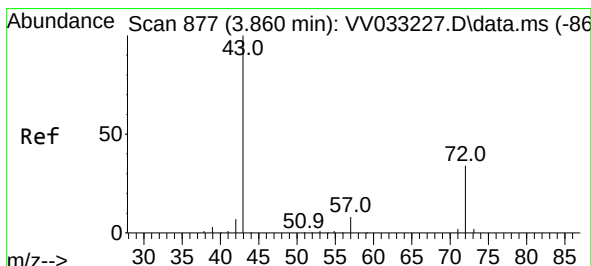
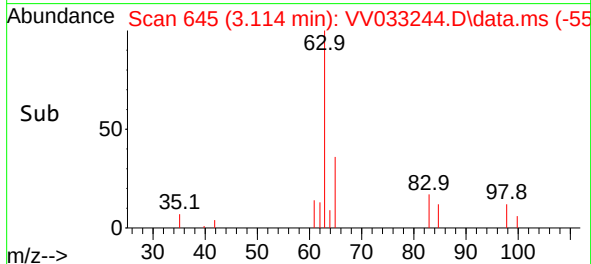
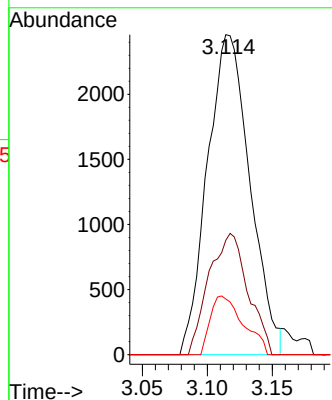
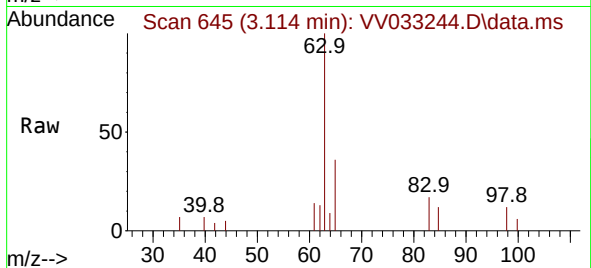
YCHC6

Tgt Ion:	63	Resp:	560
Ion Ratio	Lower	Upper	
63	100		
65	35.7	23.0	42.6
83	17.4	11.4	21.2

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#22

2-Butanone

Concen: 5.371 ug/L m

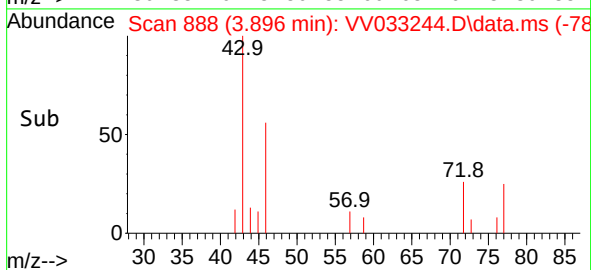
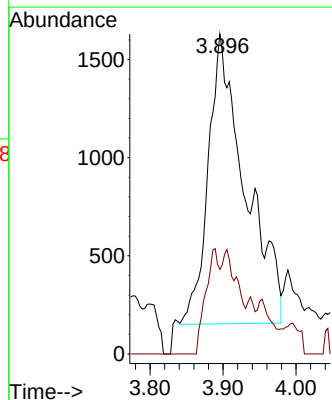
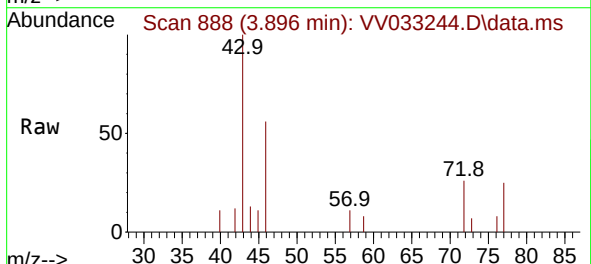
RT: 3.896 min Scan# 888

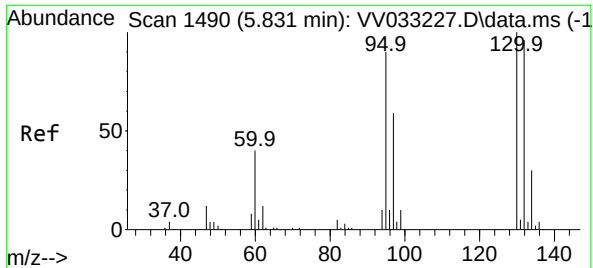
Delta R.T. 0.039 min

Lab File: VV033244.D

Acq: 12 Dec 2023 03:43

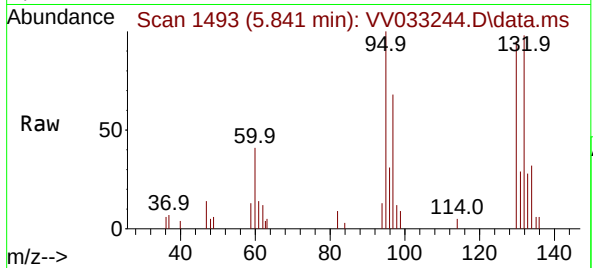
Tgt Ion:	43	Resp:	5170
Ion Ratio	Lower	Upper	
43	100		
72	13.5	14.6	43.8#





#34
 Trichloroethene
 Concen: 3.342 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.010 min
 Lab File: VV033244.D
 Acq: 12 Dec 2023 03:43

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHC6



Tgt Ion: 95 Resp: 6808

Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.8	85.0
132	98.0	77.4	143.8
130	94.6	76.9	142.7

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