

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033388.D
 Acq On : 15 Dec 2023 19:33
 Operator : SY/MD
 Sample : 05846-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD0

Quant Time: Dec 16 00:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83930	47.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.000%		
7) Chloroethane-d5	1.532	69	74761	47.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.300%		
11) 1,1-Dichloroethene-d2	2.060	65	40573	46.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.260%		
21) 2-Butanone-d5	3.783	46	88601	99.498	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.500%		
24) Chloroform-d	4.249	84	163158	46.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.360%		
26) 1,2-Dichloroethane-d4	4.941	65	105674	49.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.440%		
32) Benzene-d6	4.960	84	305666	48.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.320%		
36) 1,2-Dichloropropane-d6	5.989	67	94571	49.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.220%		
41) Toluene-d8	7.243	98	259667	45.177	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.360%		
43) trans-1,3-Dichloroprop...	7.555	79	39700	42.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.980%		
47) 2-Hexanone-d5	8.024	63	59111	92.183	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.180%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	131477	47.983	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.960%		
66) 1,2-Dichlorobenzene-d4	11.561	152	105079	57.086	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.180%		
Target Compounds						Qvalue
13) Acetone	2.111	43	44603	43.151	ug/L	98
19) 1,1-Dichloroethane	3.111	63	7773m	2.654	ug/L	
20) cis-1,2-Dichloroethene	3.822	96	9108	5.256	ug/L	97
22) 2-Butanone	3.918	43	7283m	7.152	ug/L	

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

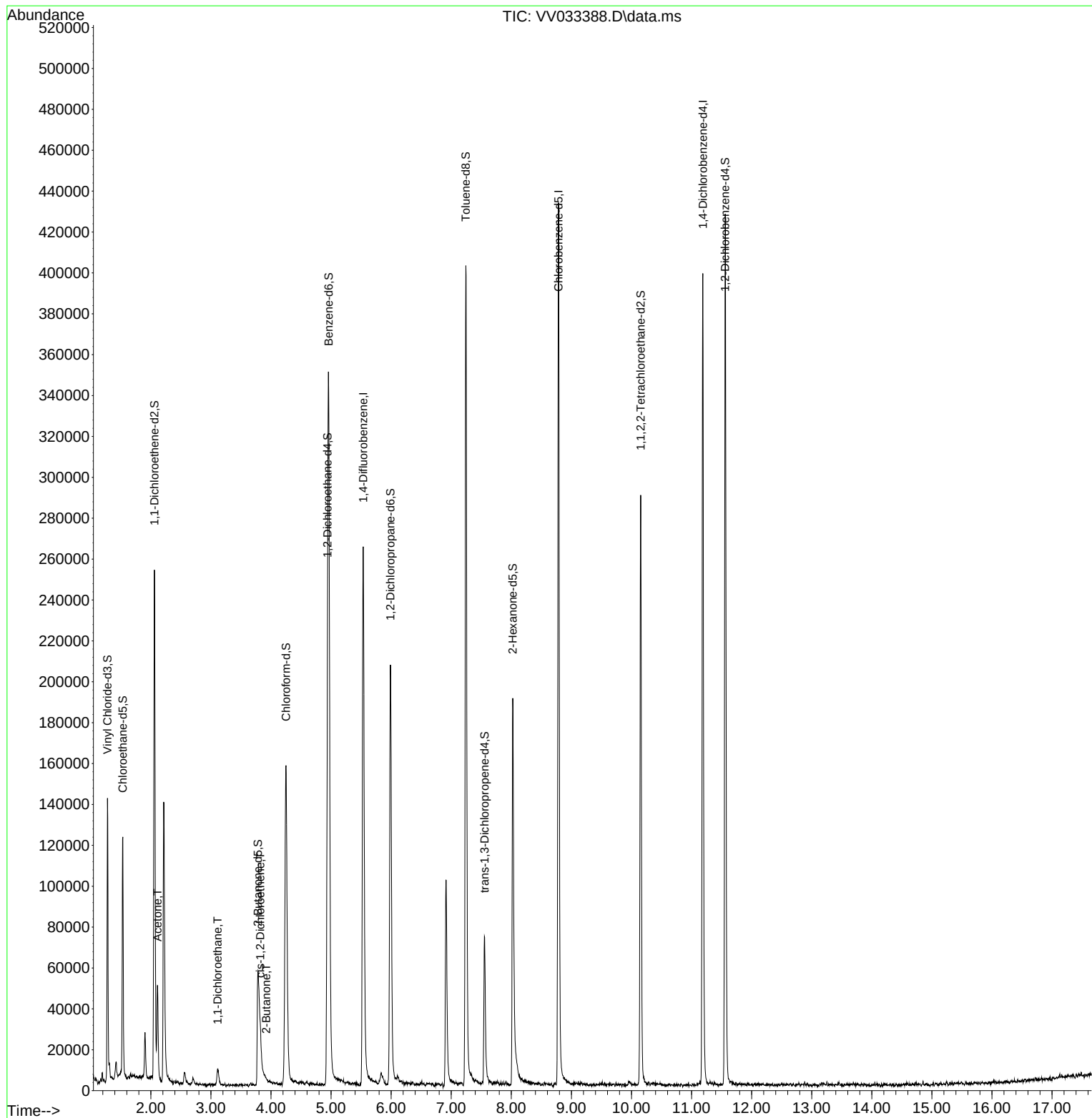
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033388.D
Acq On : 15 Dec 2023 19:33
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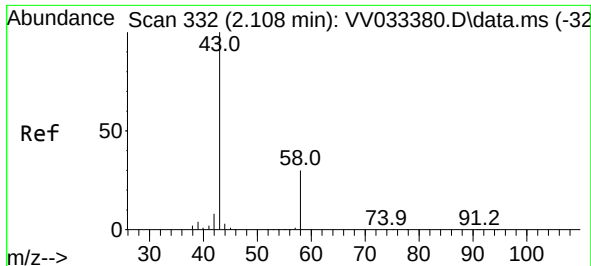
Instrument :
MSVOA_V
ClientSampleId :
YCHD0

Quant Time: Dec 16 00:18:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 15 23:24:47 2023
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#13

Acetone

Concen: 43.151 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV033388.D

Acq: 15 Dec 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

YCHD0

Tgt Ion: 43 Resp: 4460

Ion Ratio Lower Upper

43 100

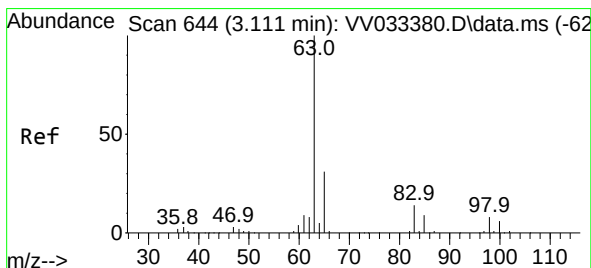
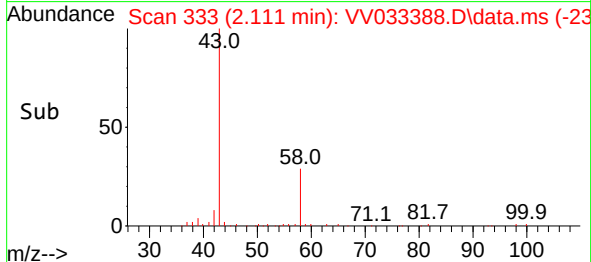
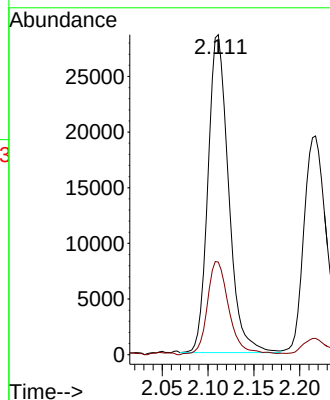
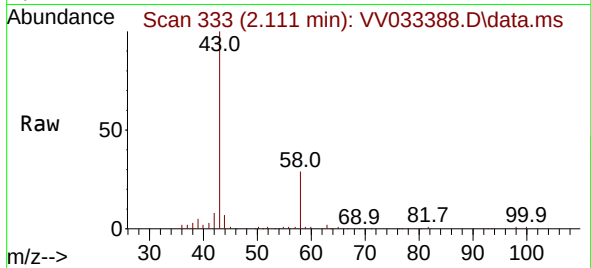
58 30.5 0.0 59.2

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 2.654 ug/L m

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033388.D

Acq: 15 Dec 2023 19:33

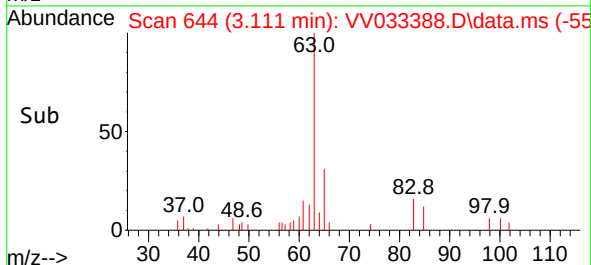
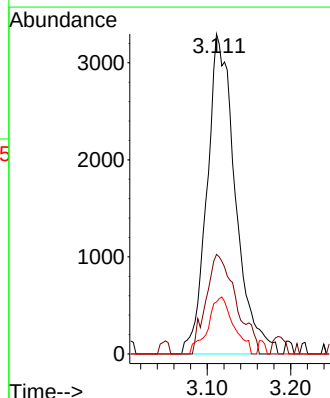
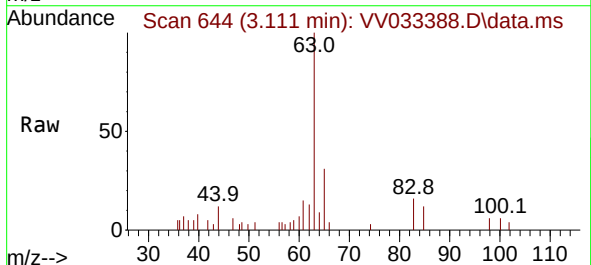
Tgt Ion: 63 Resp: 7773

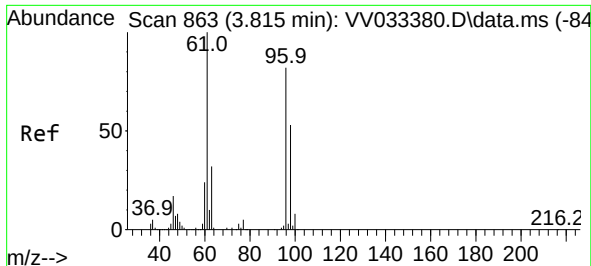
Ion Ratio Lower Upper

63 100

65 31.1 21.1 39.3

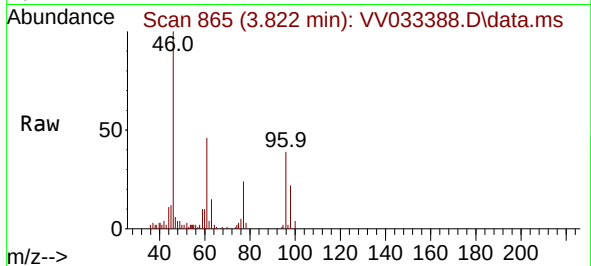
83 16.2 9.7 17.9





#20
cis-1,2-Dichloroethene
Concen: 5.256 ug/L
RT: 3.822 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV033388.D
Acq: 15 Dec 2023 19:33

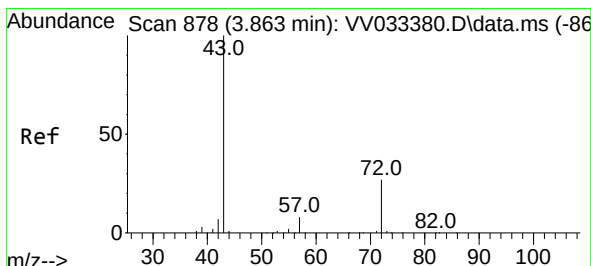
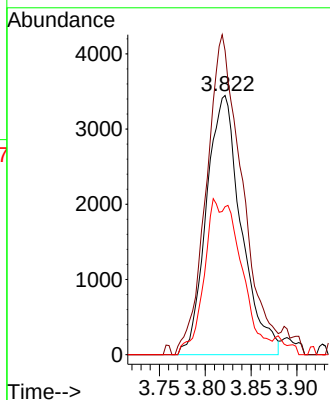
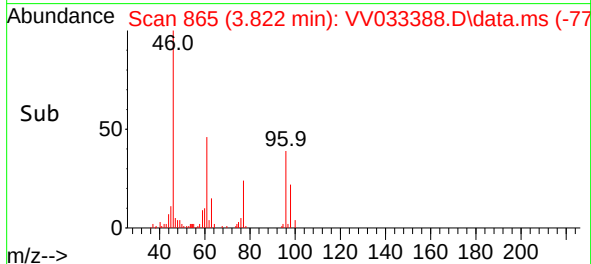
Instrument :
MSVOA_V
ClientSampleId :
YCHD0



Tgt Ion: 96 Resp: 910
Ion Ratio Lower Upper
96 100
61 117.3 81.9 152.1
98 57.1 44.3 82.3

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#22
2-Butanone
Concen: 7.152 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.055 min
Lab File: VV033388.D
Acq: 15 Dec 2023 19:33

Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
72 1.0 12.4 37.4#

