

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033430.D
 Acq On : 16 Dec 2023 13:20
 Operator : SY/MD
 Sample : 05846-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD0

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 21:15:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	170006	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54986	42.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.000%		
7) Chloroethane-d5	1.529	69	54913	46.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.480%		
11) 1,1-Dichloroethene-d2	2.060	65	28151	43.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.400%		
21) 2-Butanone-d5	3.786	46	84115	127.481	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	127.480%		
24) Chloroform-d	4.249	84	121826	47.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.080%		
26) 1,2-Dichloroethane-d4	4.944	65	81859	51.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.900%		
32) Benzene-d6	4.960	84	224381	47.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.520%		
36) 1,2-Dichloropropane-d6	5.989	67	71608	49.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.400%		
41) Toluene-d8	7.246	98	185695	42.747	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.500%		
43) trans-1,3-Dichloroprop...	7.555	79	30958	43.840	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.680%		
47) 2-Hexanone-d5	8.024	63	52964	109.287	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.290%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	109978	53.106	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.220%		
66) 1,2-Dichlorobenzene-d4	11.561	152	74131	54.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.680%		
Target Compounds					Qvalue	
13) Acetone	2.111	43	43734	57.101	ug/L	98
19) 1,1-Dichloroethane	3.117	63	6399	2.948	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	6987	5.442	ug/L	89
22) 2-Butanone	3.908	43	7735m	10.251	ug/L	

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

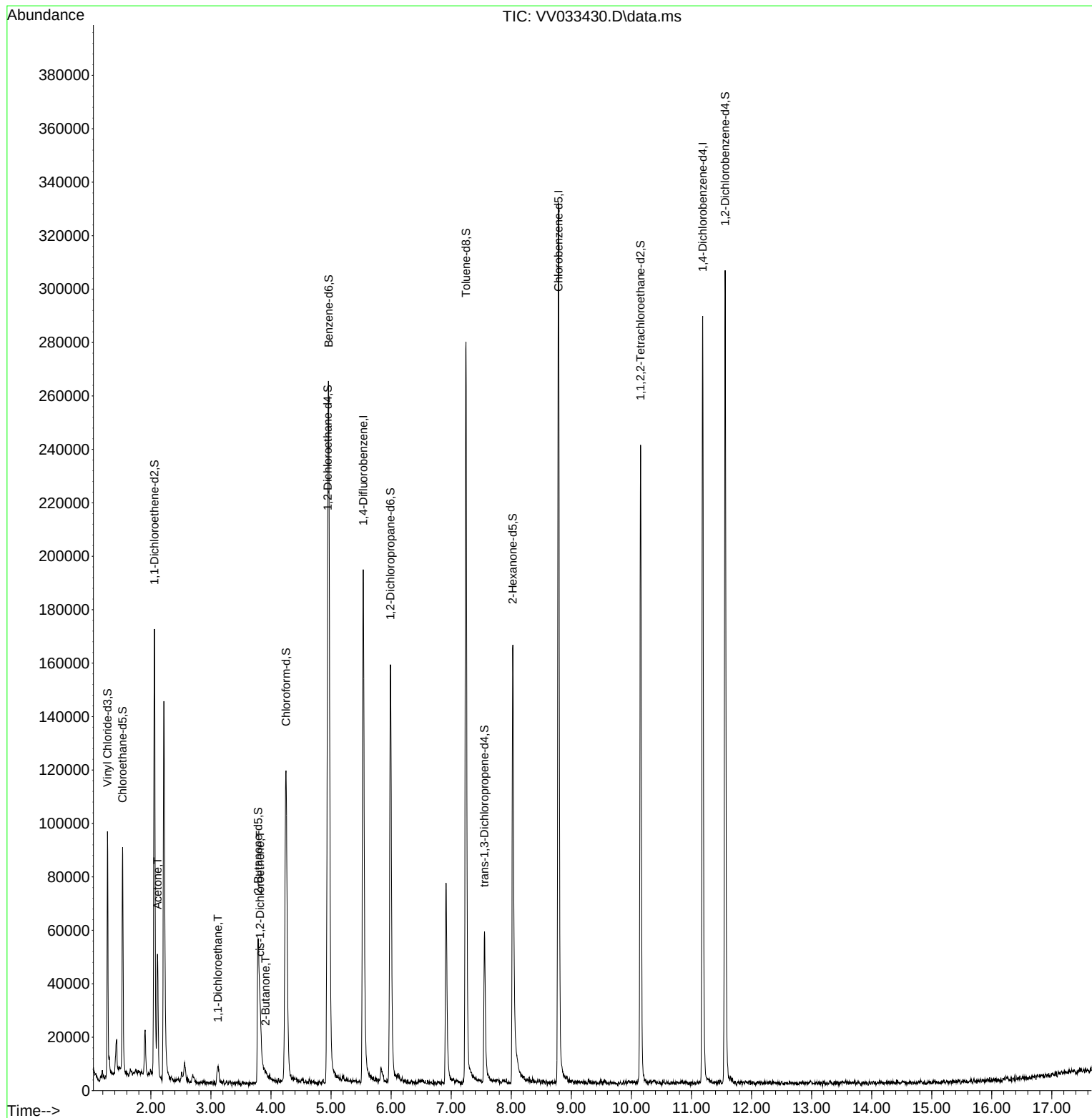
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033430.D
Acq On : 16 Dec 2023 13:20
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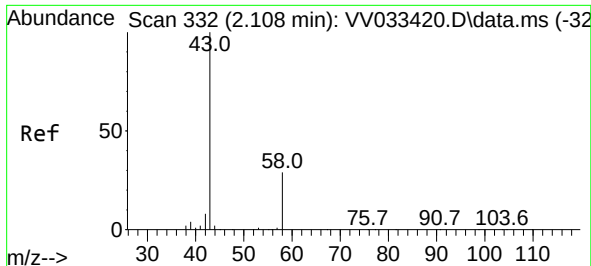
Instrument :
MSVOA_V
ClientSampleId :
YCHD0

Quant Time: Dec 16 21:15:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration

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#13

Acetone

Concen: 57.101 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033430.D

Acq: 16 Dec 2023 13:20

Instrument :

MSVOA_V

ClientSampleId :

YCHD0

Tgt Ion: 43 Resp: 43734

Ion Ratio Lower Upper

43 100

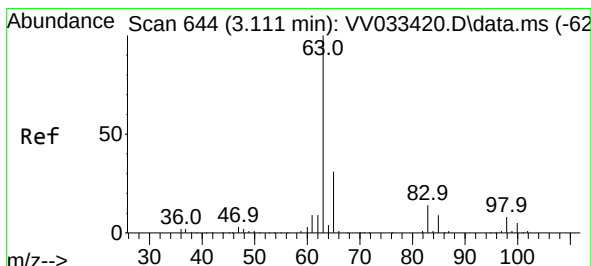
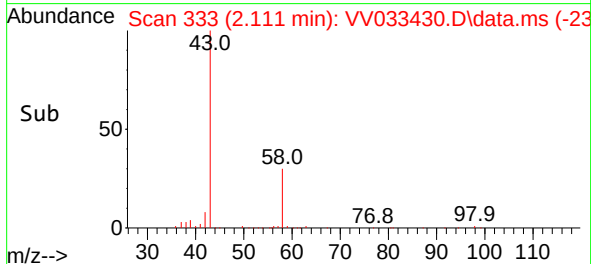
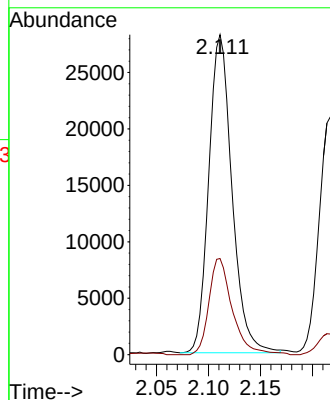
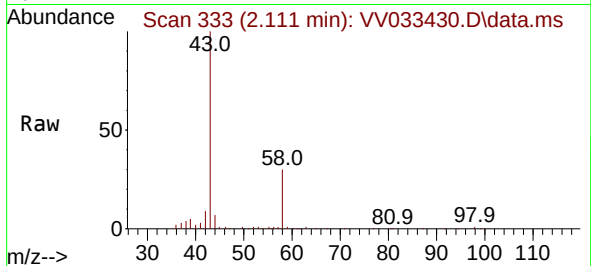
58 30.4 0.0 59.2

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 2.948 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV033430.D

Acq: 16 Dec 2023 13:20

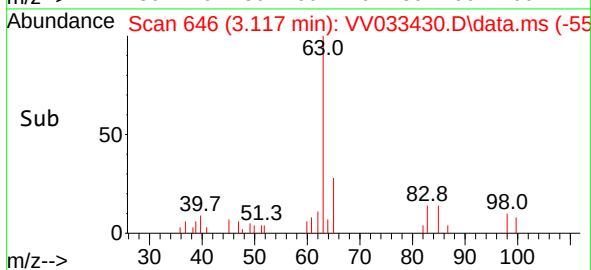
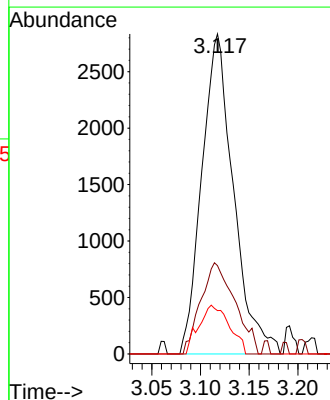
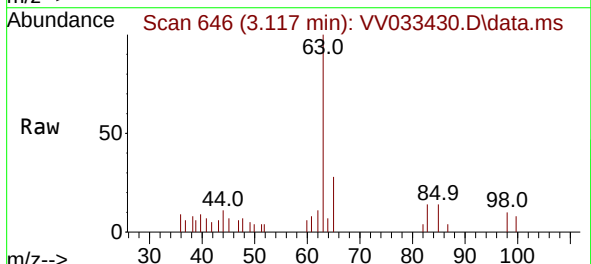
Tgt Ion: 63 Resp: 6399

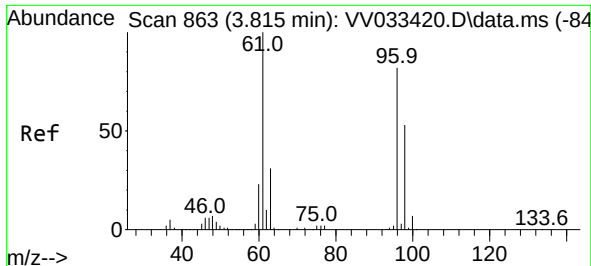
Ion Ratio Lower Upper

63 100

65 27.6 21.1 39.3

83 13.5 9.7 17.9





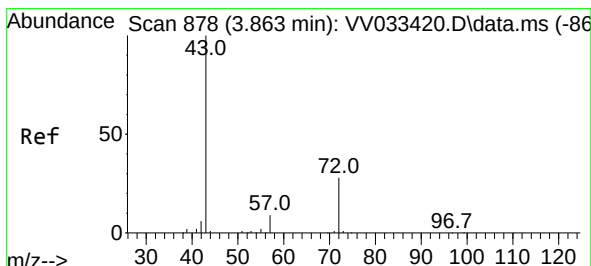
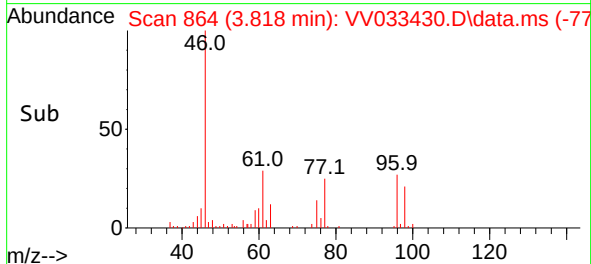
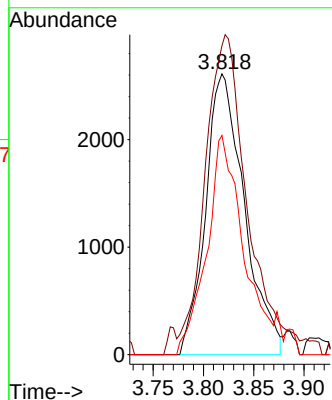
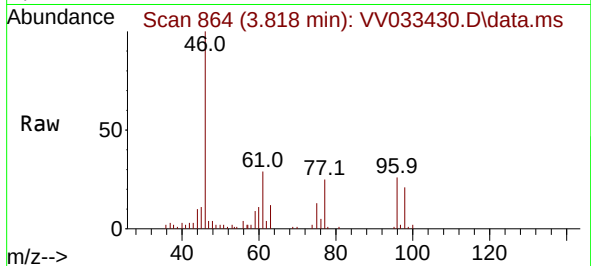
#20
cis-1,2-Dichloroethene
Concen: 5.442 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV033430.D
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Tgt Ion: 96 Resp: 698
Ion Ratio Lower Upper
96 100
61 110.1 81.9 152.1
98 78.1 44.3 82.3

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#22
2-Butanone
Concen: 10.251 ug/L m
RT: 3.908 min Scan# 892
Delta R.T. 0.045 min
Lab File: VV033430.D
Acq: 16 Dec 2023 13:20

Tgt Ion: 43 Resp: 7735
Ion Ratio Lower Upper
43 100
72 0.6 12.4 37.4#

