

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052323\
 Data File : VW031196.D
 Acq On : 23 May 2023 17:38
 Operator : SY/MD
 Sample : 02865-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX59

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 01:36:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	172001	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	165724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	87575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	67874	46.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.340%			
7) Chloroethane-d5	1.536	69	61835	54.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.200%			
11) 1,1-Dichloroethene-d2	2.063	65	33111	48.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.060%			
21) 2-Butanone-d5	3.802	46	82696	105.579	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.580%			
24) Chloroform-d	4.256	84	132853	51.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.180%			
26) 1,2-Dichloroethane-d4	4.950	65	95745	54.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.980%			
32) Benzene-d6	4.970	84	233761	52.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.060%			
36) 1,2-Dichloropropane-d6	5.995	67	71990	53.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.100%			
41) Toluene-d8	7.249	98	213560	50.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.860%			
43) trans-1,3-Dichloroprop...	7.558	79	33967	50.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.720%			
47) 2-Hexanone-d5	8.034	63	46258	88.259	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.260%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99621	49.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.820%			
66) 1,2-Dichlorobenzene-d4	11.567	152	88164	56.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.040%			
Target Compounds					Qvalue	
13) Acetone	2.127	43	4814	4.728	ug/L	81
18) Methyl tert-butyl Ether	2.709	73	3578m	1.049	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	11003	10.104	ug/L	96
34) Trichloroethene	5.841	95	74191	69.740	ug/L	98
48) 2-Hexanone	8.092	43	9734	6.950	ug/L #	83

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

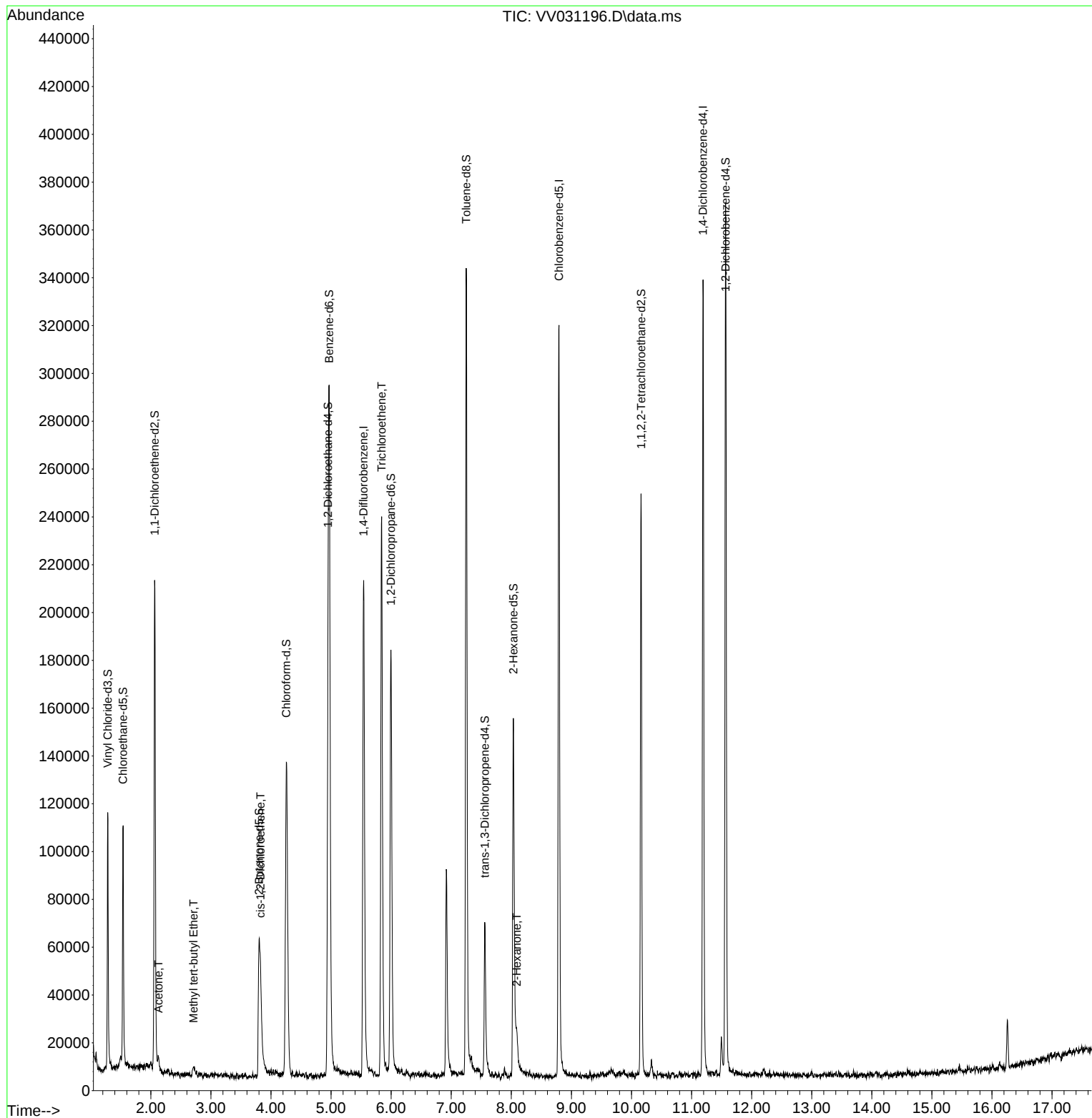
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052323\
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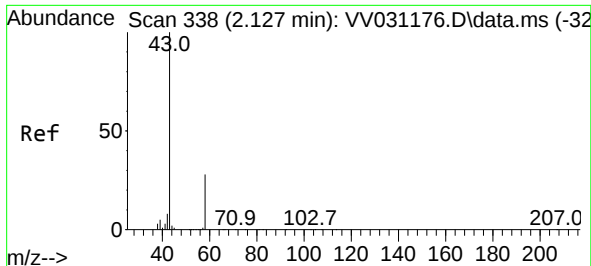
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Quant Title : VOC Analysis
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#13

Acetone

Concen: 4.728 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

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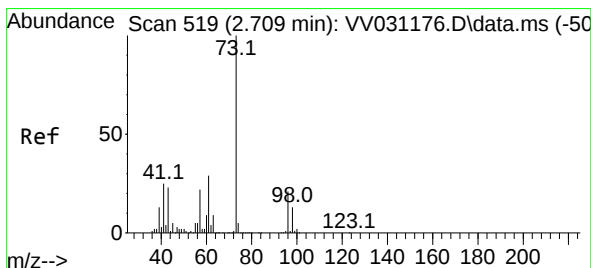
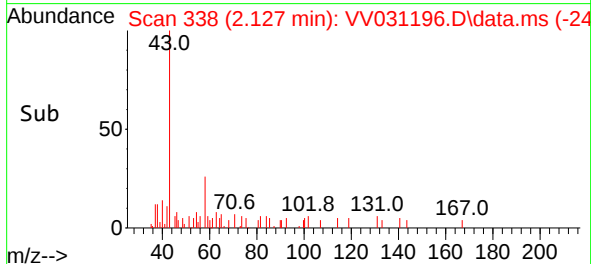
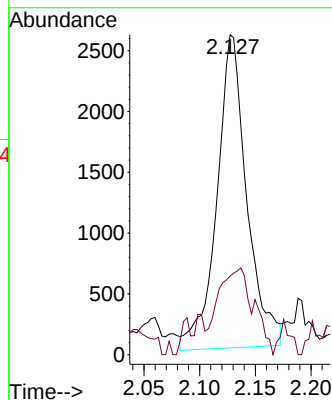
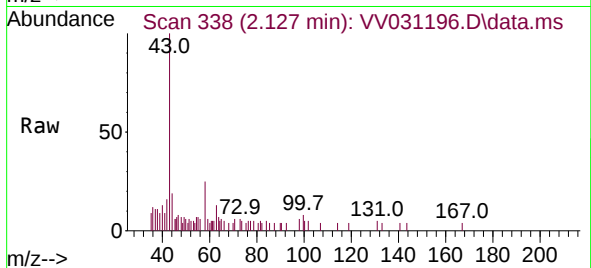
Tgt Ion: 43 Resp: 4814
 Ion Ratio Lower Upper
 43 100
 58 17.3 0.0 54.0

Manual Integrations

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#18

Methyl tert-butyl Ether

Concen: 1.049 ug/L m

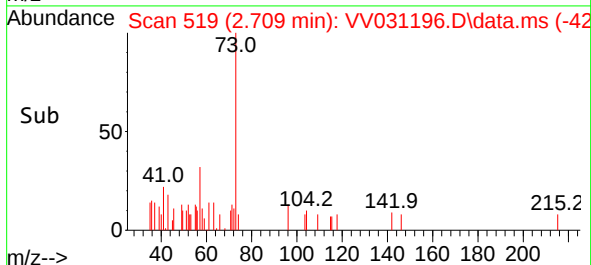
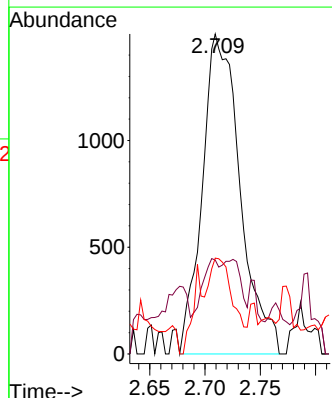
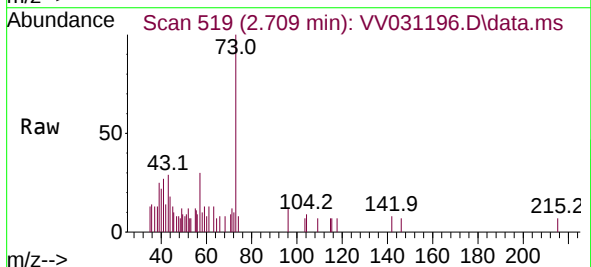
RT: 2.709 min Scan# 519

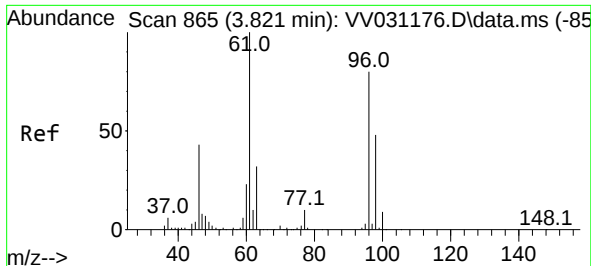
Delta R.T. 0.000 min

Lab File: VV031196.D

Acq: 23 May 2023 17:38

Tgt Ion: 73 Resp: 3578
 Ion Ratio Lower Upper
 73 100
 43 7.5 19.4 29.2#
 57 14.0 17.1 25.7#





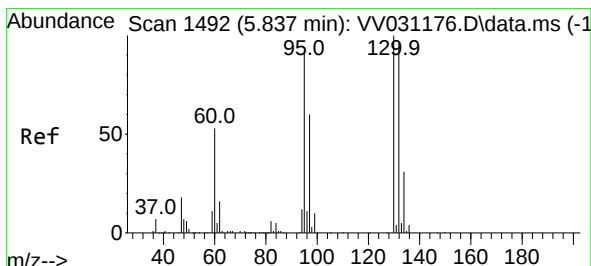
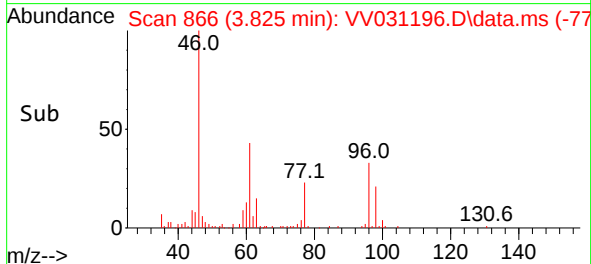
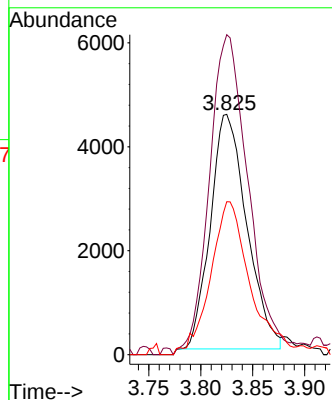
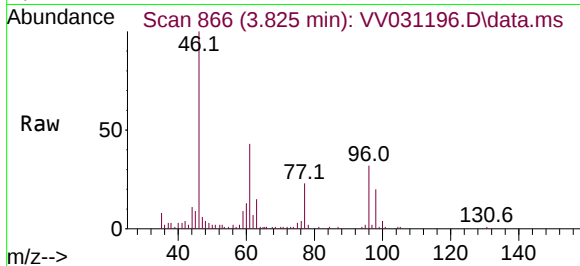
#20
 cis-1,2-Dichloroethene
 Concen: 10.104 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031196.D
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Tgt Ion: 96 Resp: 1100
 Ion Ratio Lower Upper
 96 100
 61 133.2 89.2 165.6
 98 63.6 43.0 80.0

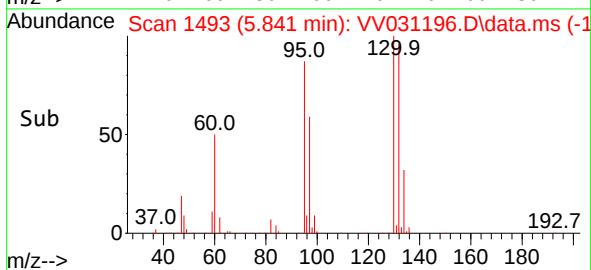
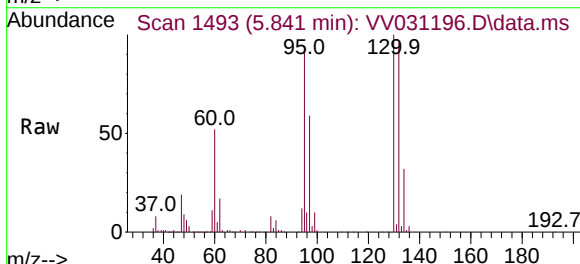
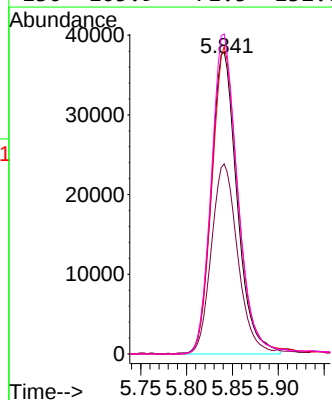
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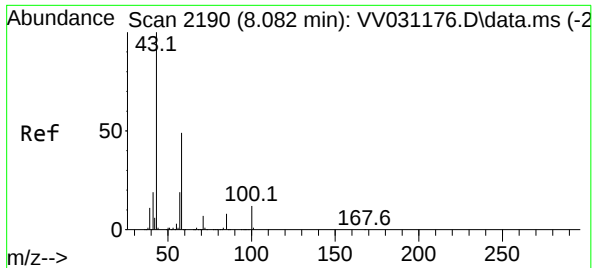
Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#34
 Trichloroethene
 Concen: 69.740 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV031196.D
 Acq: 23 May 2023 17:38

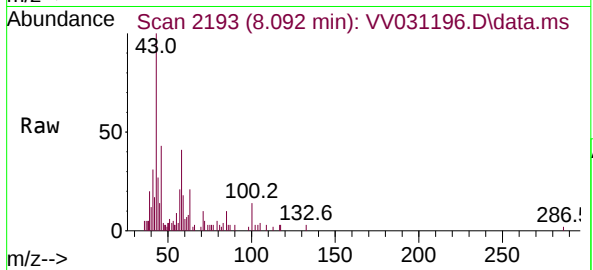
Tgt Ion: 95 Resp: 74191
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.4 82.5
 132 101.6 70.2 130.4
 130 105.9 71.5 132.7





#48
2-Hexanone
Concen: 6.950 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031196.D
Acq: 23 May 2023 17:38

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43	Resp: 9734
Ion Ratio	Lower Upper
43 100	
58 33.1	39.8 59.6
57 15.1	14.4 21.6
100 11.8	9.1 13.7

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