Quantitation Report (Qedit)

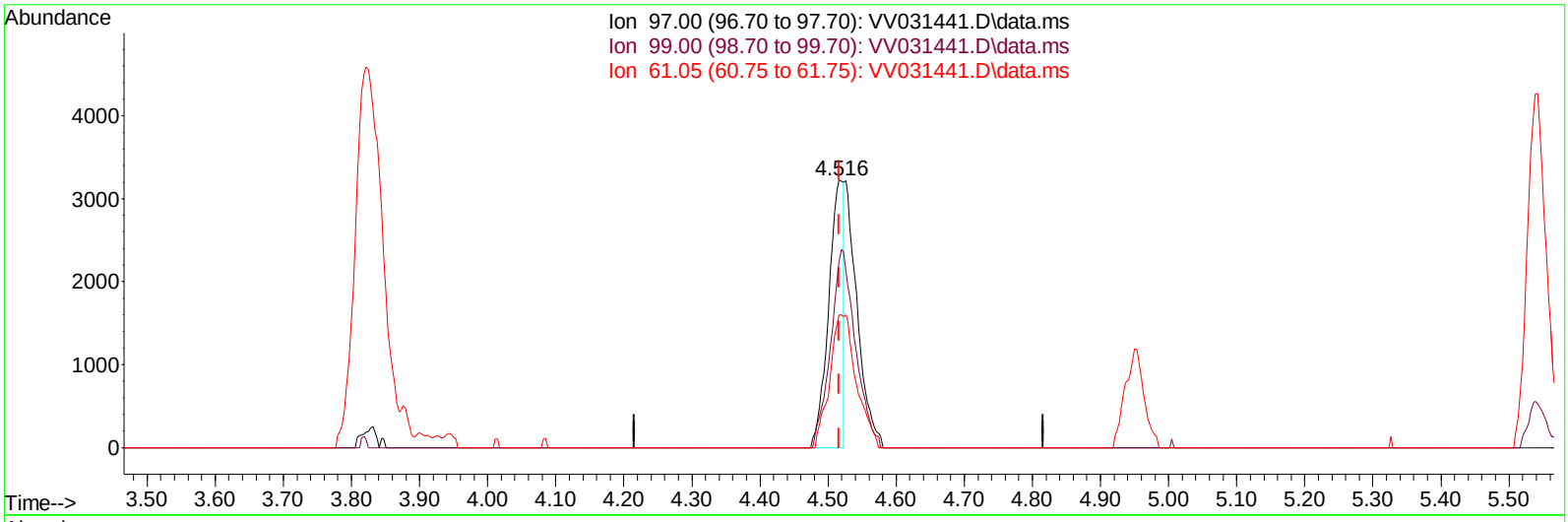
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031441.D
Acq On : 08 Jun 2023 11:57
Operator : SY/MD
Sample : 03076-04DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

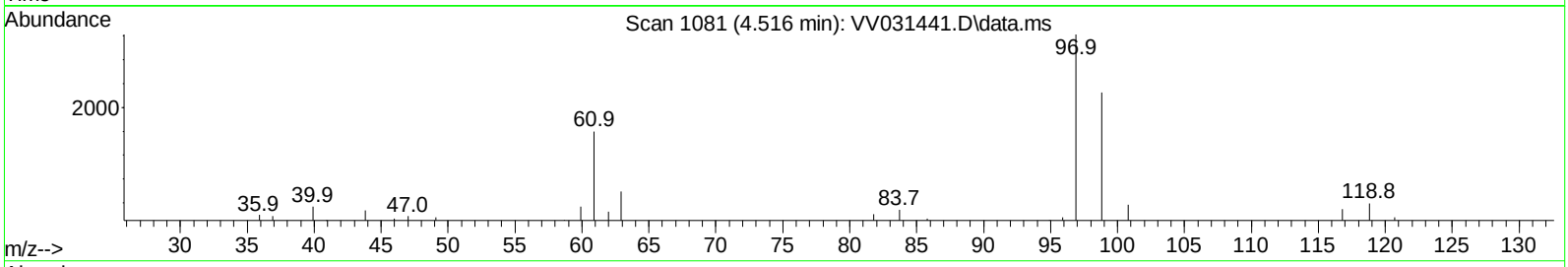
Quant Time: Jun 09 05:10:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration

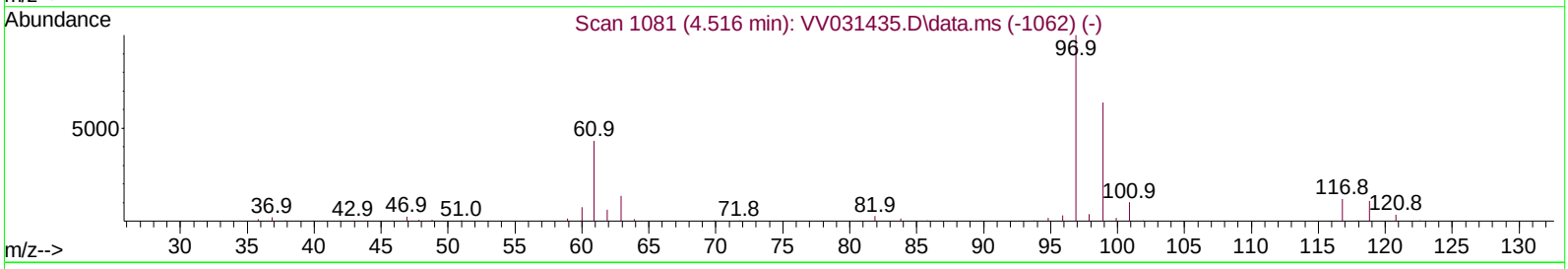
Instrument :
MSVOA_V
ClientSampleId :
C0F83DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023







TIC: VV031441.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.516min (+ 0.000) 1.65 ug/L

response 4949

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.90	121.72#
61.05	45.10	47.02
0.00	0.00	0.00

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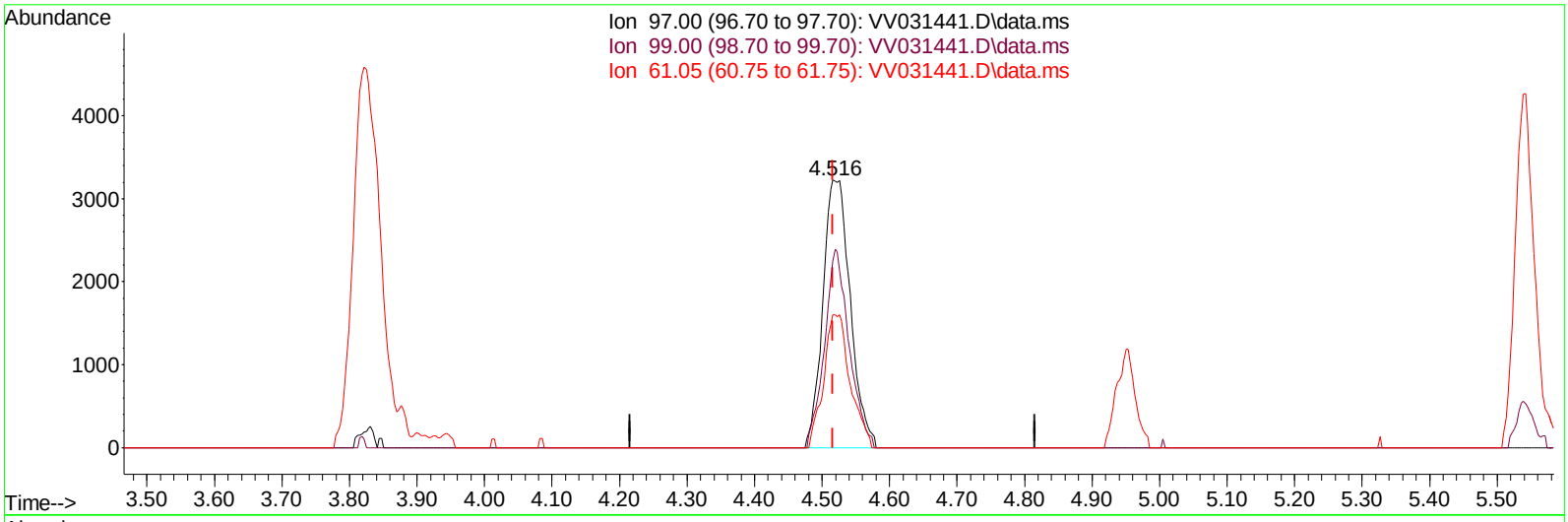

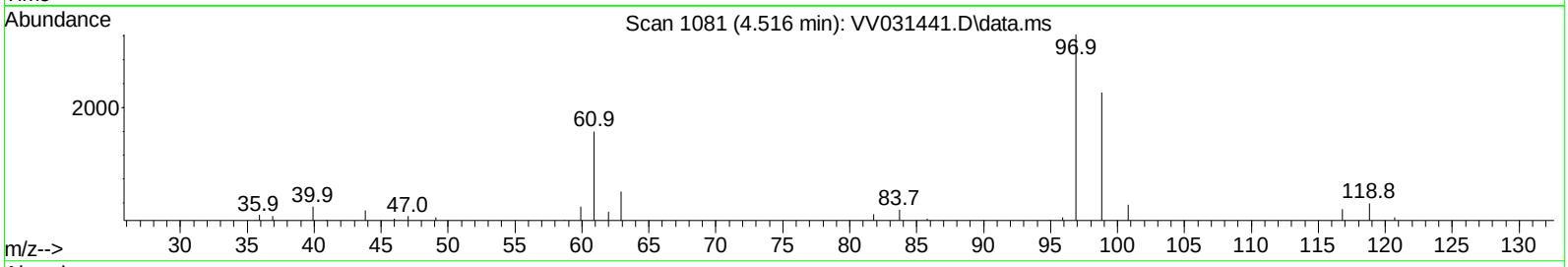

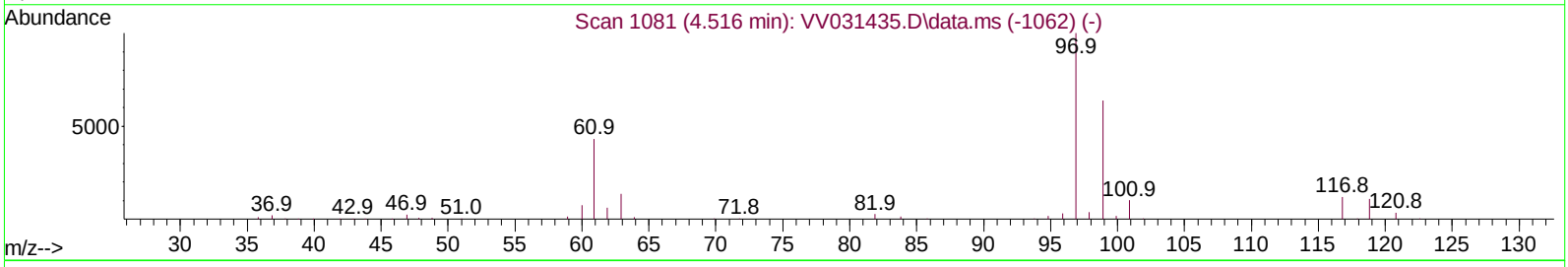

TIC: VV031441.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.516min (+ 0.000) 3.02 ug/L m

response 9082

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.90	66.33
61.05	45.10	25.62#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242641	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	254685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81609	38.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.460%			
7) Chloroethane-d5	1.532	69	75035	43.413	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.820%			
11) 1,1-Dichloroethene-d2	2.063	65	41664	41.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.360%			
21) 2-Butanone-d5	3.796	46	139891	90.671	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.670%			
24) Chloroform-d	4.256	84	186064	45.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.640%			
26) 1,2-Dichloroethane-d4	4.947	65	128266	47.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.160%			
32) Benzene-d6	4.966	84	326545	43.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.860%			
36) 1,2-Dichloropropane-d6	5.995	67	119854	45.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.720%			
41) Toluene-d8	7.249	98	282946	40.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.920%			
43) trans-1,3-Dichloroprop...	7.558	79	52511	39.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.780%			
47) 2-Hexanone-d5	8.034	63	71891	73.030	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.030%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	139652	42.339	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.680%			
66) 1,2-Dichlorobenzene-d4	11.567	152	109434	49.649	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.300%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	7193	7.431	ug/L #	1
20) cis-1,2-Dichloroethene	3.828	96	8656	5.801	ug/L	91
30) 1,1,1-Trichloroethane	4.516	97	9082m	3.021	ug/L	
34) Trichloroethene	5.838	95	99946	56.452	ug/L	98

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

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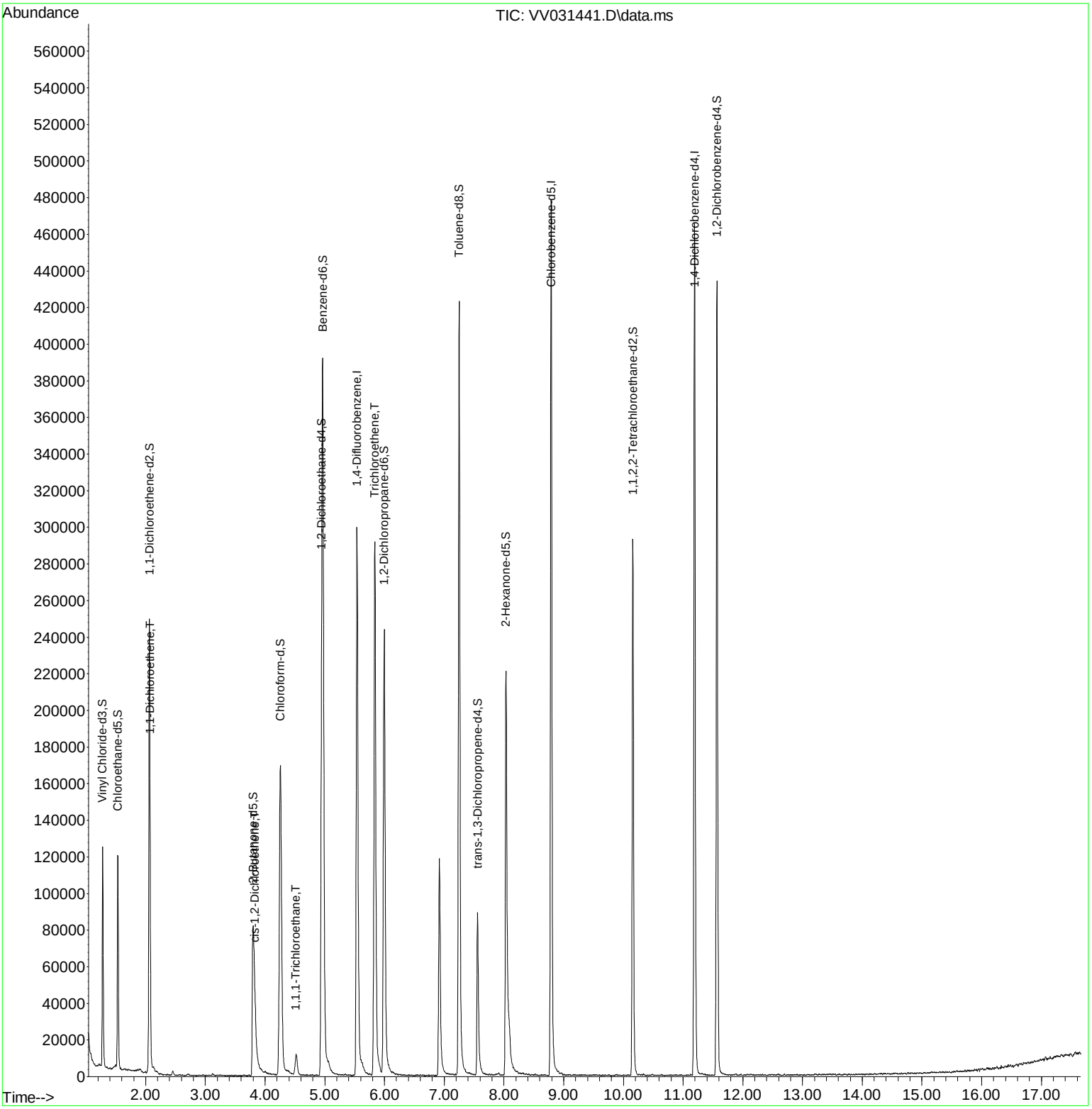
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