Quantitation Report (Qedit)

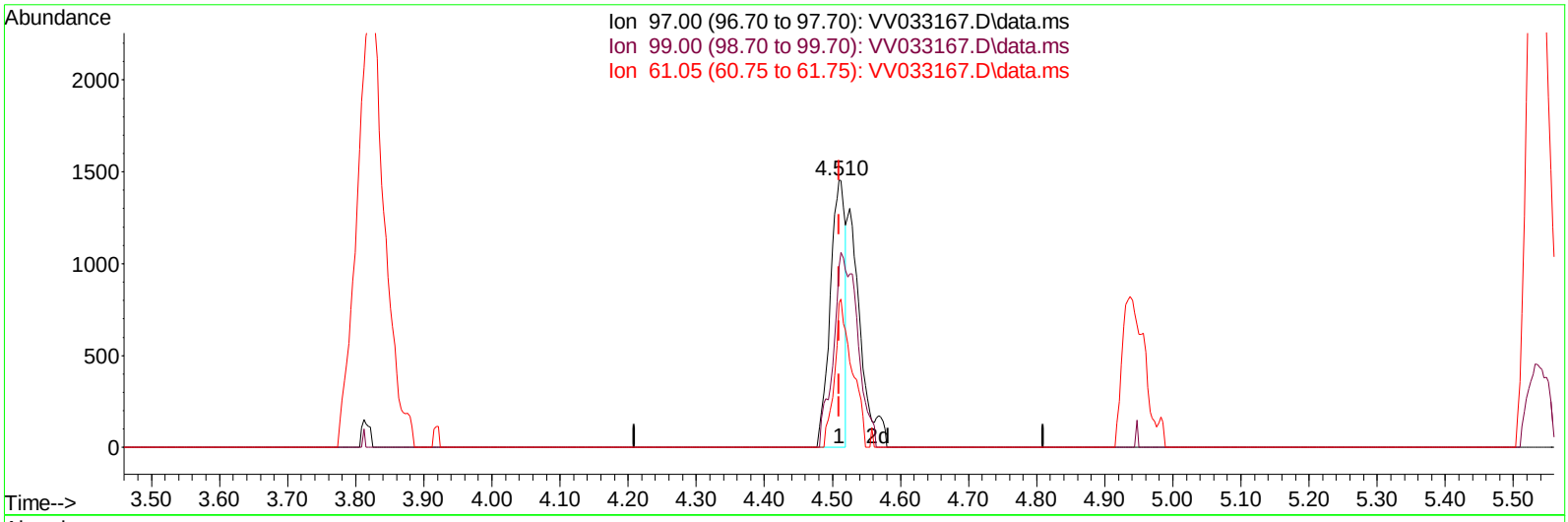
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120723\
Data File : VV033167.D
Acq On : 07 Dec 2023 23:33
Operator : SY/MD
Sample : 05689-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

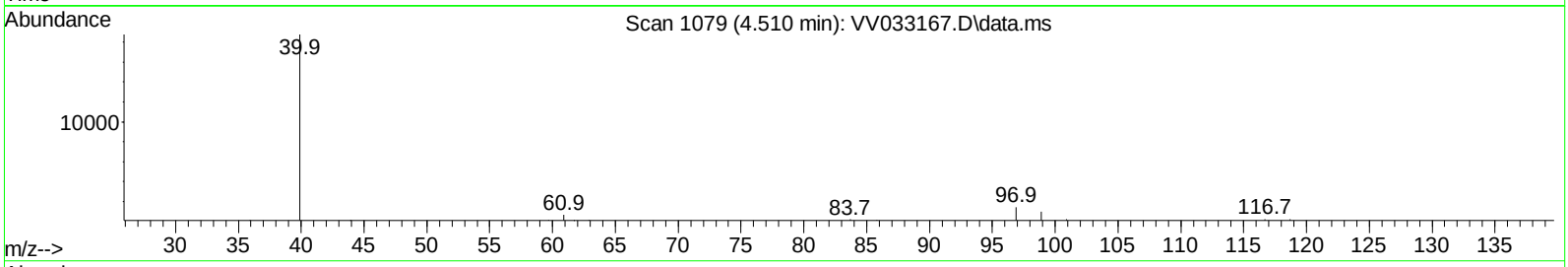
Quant Time: Dec 08 04:18:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 04:15:58 2023
Response via : Initial Calibration

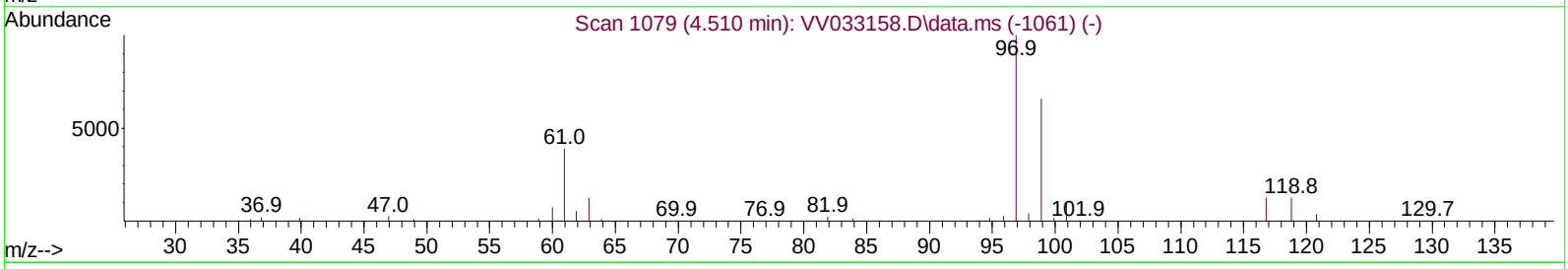
Instrument :
MSVOA_V
ClientSampleId :
C0G86

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
Supervised By :Semsettin Yesilyurt 12/08/2023







TIC: VV033167.D\data.ms

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

4.510min (+ 0.000) 0.63 ug/L

response 2225

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.10	41.48#
61.05	39.80	65.26#
0.00	0.00	0.00

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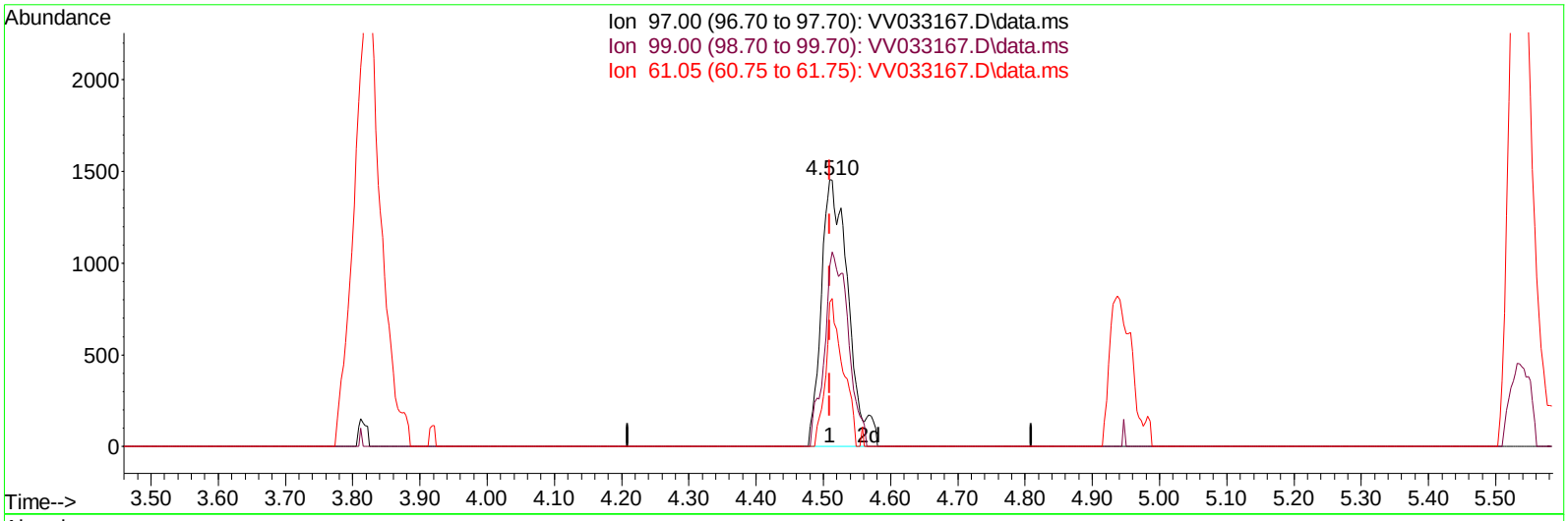

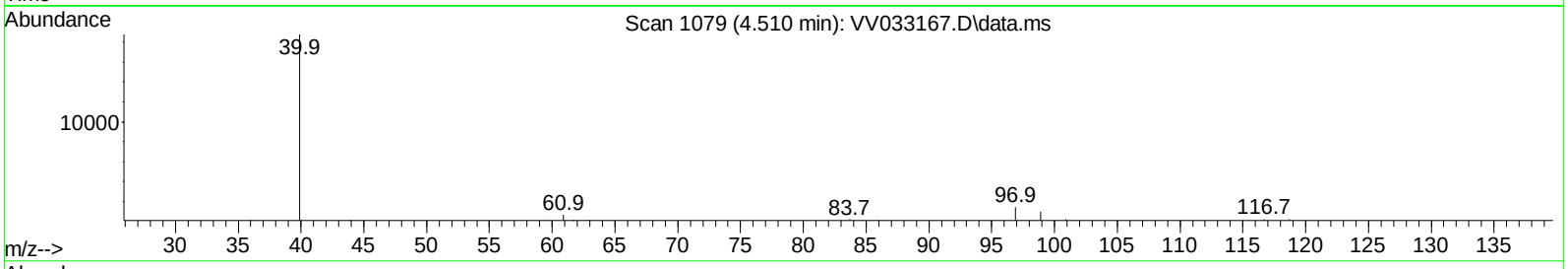

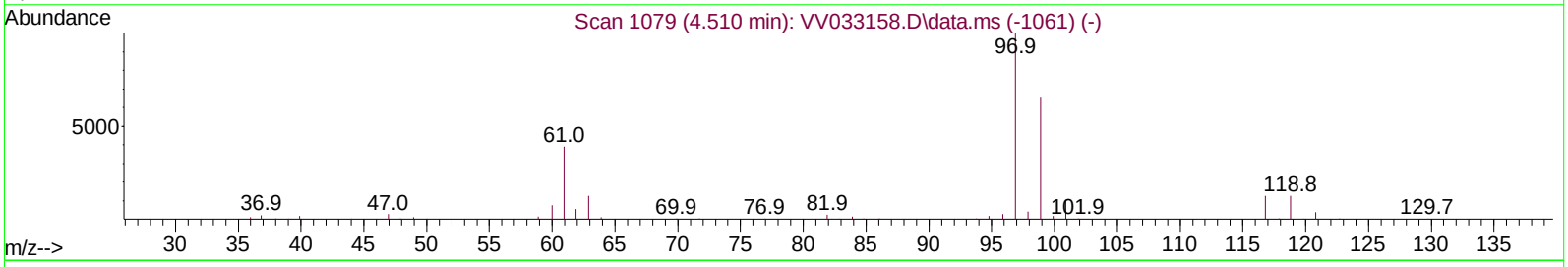

TIC: VV033167.D\data.ms

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

4.510min (+ 0.000) 1.15 ug/L m

response 4032

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.10	22.89#
61.05	39.80	36.01
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Quant Title : VOC Analysis
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Instrument :
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Supervised By :Semsettin Yesilyurt 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277537	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	284513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47848	28.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.680%#		
7) Chloroethane-d5	1.532	69	40674	35.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.360%		
11) 1,1-Dichloroethene-d2	2.060	65	20669	32.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.500%		
21) 2-Butanone-d5	3.780	46	78741	95.554	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.550%		
24) Chloroform-d	4.249	84	142506	40.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.940%		
26) 1,2-Dichloroethane-d4	4.941	65	96062	43.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.760%		
32) Benzene-d6	4.960	84	250150	37.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.180%		
36) 1,2-Dichloropropane-d6	5.989	67	72500	40.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.040%		
41) Toluene-d8	7.243	98	228013	35.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.840%#		
43) trans-1,3-Dichloroprop...	7.555	79	40917	36.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.340%		
47) 2-Hexanone-d5	8.021	63	64006	89.051	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.050%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112028	44.048	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.100%		
66) 1,2-Dichlorobenzene-d4	11.561	152	116886	45.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	5050	3.629	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	6065	3.129	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	4032m	1.147	ug/L	
34) Trichloroethene	5.834	95	78768	36.569	ug/L	97

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

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