Quantitation Report (Qedit)

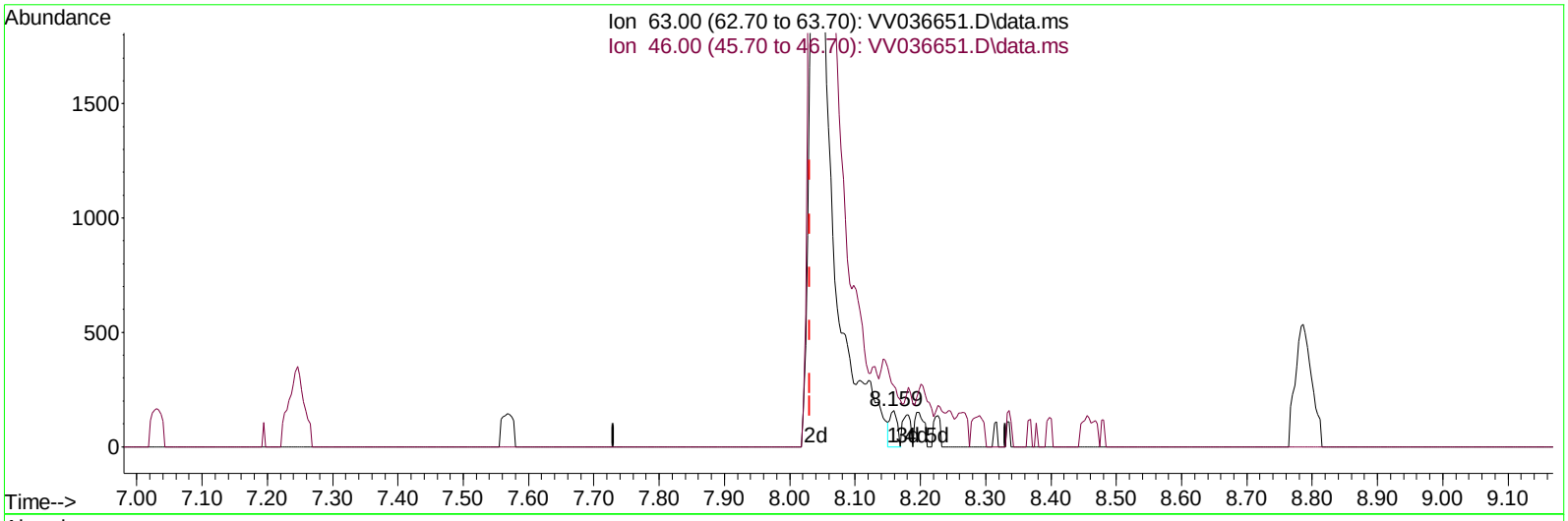
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036651.D
Acq On : 23 Jul 2024 17:03
Operator : SY/MD
Sample : P3276-09
Misc : 8.50g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

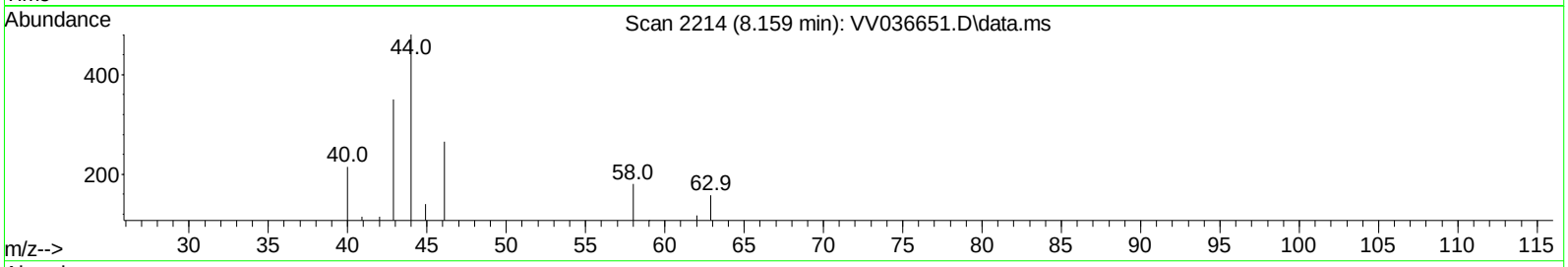
Quant Time: Jul 24 01:02:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration

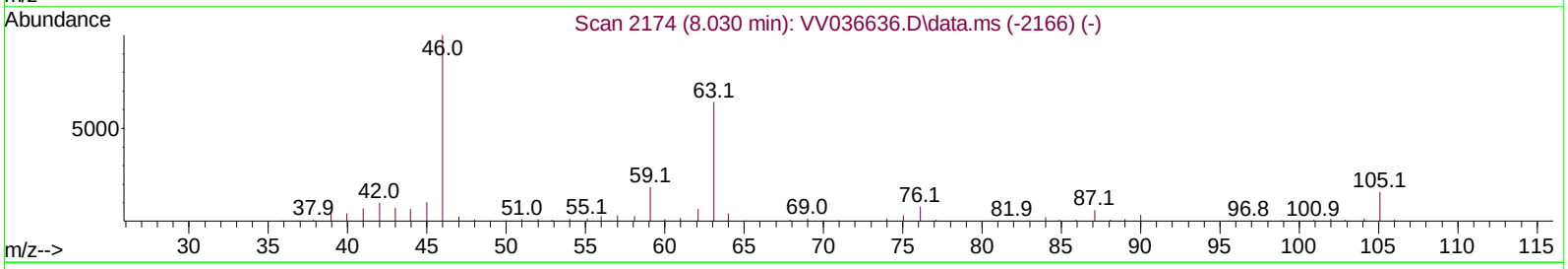
Instrument :
MSVOA_V
ClientSampleId :
E20H8

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
Supervised By :Mahesh Dadoda 07/25/2024







TIC: VV036651.D\data.ms

(47) 2-Hexanone-d5 (S)

8.159min (+ 0.129) 0.49 ug/L

response 126

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	160.00	173.81
0.00	0.00	0.00
0.00	0.00	0.00

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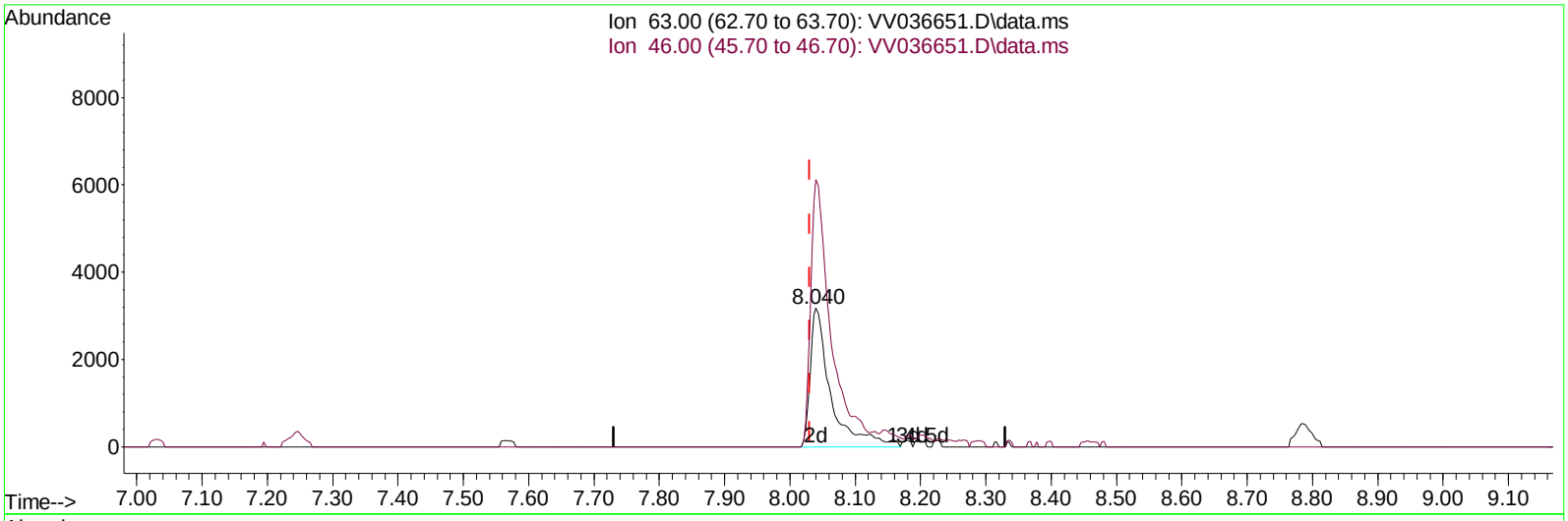

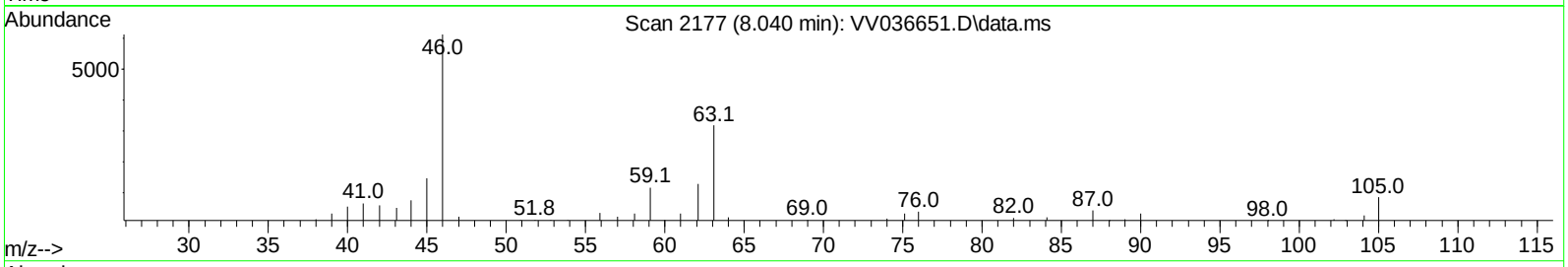

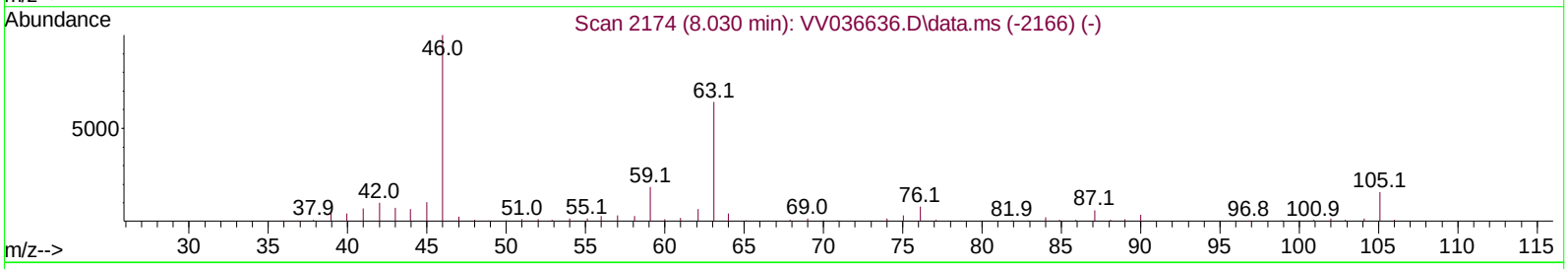

TIC: VV036651.D\data.ms

(47) 2-Hexanone-d5 (S)

8.040min (+ 0.010) 26.85 ug/L m

response 6949

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	160.00	3.15#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Quant Time: Jul 24 01:02:12 2024
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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	140549	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	143981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54713	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	21882	14.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.880%			
7) Chloroethane-d5	1.526	69	26286	18.906	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.640%			
11) 1,1-Dichloroethene-d2	2.050	65	10872	13.357	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.440%			
21) 2-Butanone-d5	3.841	46	13948	38.825	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.660%			
24) Chloroform-d	4.256	84	11055	2.974	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 11.880%#			
26) 1,2-Dichloroethane-d4	4.944	65	46888	25.568	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.280%			
32) Benzene-d6	4.960	84	113974	16.702	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 66.800%			
36) 1,2-Dichloropropane-d6	5.989	67	41916	21.558	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.240%			
41) Toluene-d8	7.246	98	84450	12.968	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 51.880%			
43) trans-1,3-Dichloroprop...	7.561	79	14466	16.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.960%			
47) 2-Hexanone-d5	8.040	63	6949m	26.855	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.700%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	300	0.177	ug/L	0.01
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.720%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	47720	24.985	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.960%			
Target Compounds						Qvalue
25) Chloroform	4.275	83	70848	17.084	ug/L	95
34) Trichloroethene	5.831	95	10966	4.098	ug/L	96
46) Tetrachloroethene	7.915	164	2089	0.787	ug/L	90

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

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