Quantitation Report (Qedit)

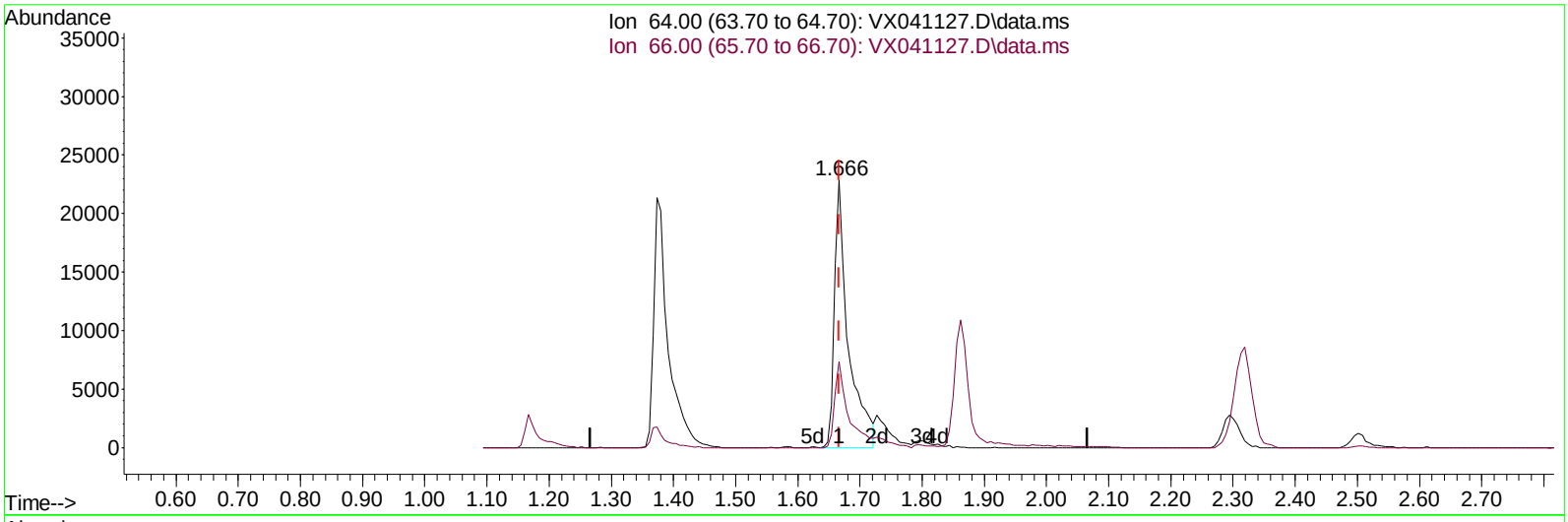
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
Data File : VX041127.D
Acq On : 17 Apr 2024 15:21
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

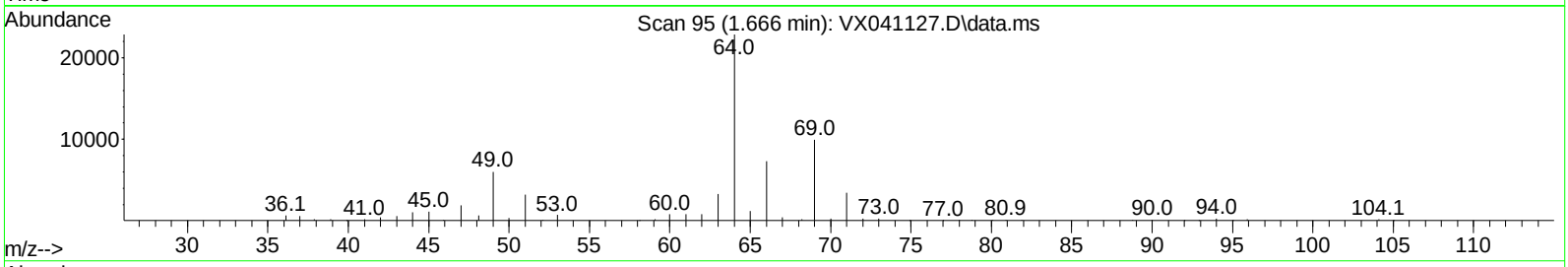
Quant Time: Apr 18 02:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 01:57:07 2024
Response via : Initial Calibration

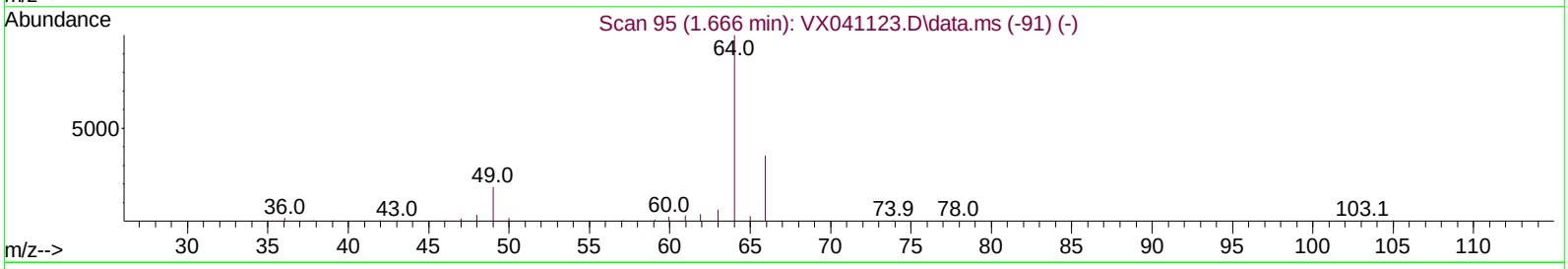
Instrument :
MSVOA_X
ClientSampleId :
VICV679

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024







TIC: VX041127.D\data.ms

(8) Chloroethane (T)

1.666min (+ 0.000) 43.62 ug/L

response 35376

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	35.30	32.16
0.00	0.00	0.00
0.00	0.00	0.00

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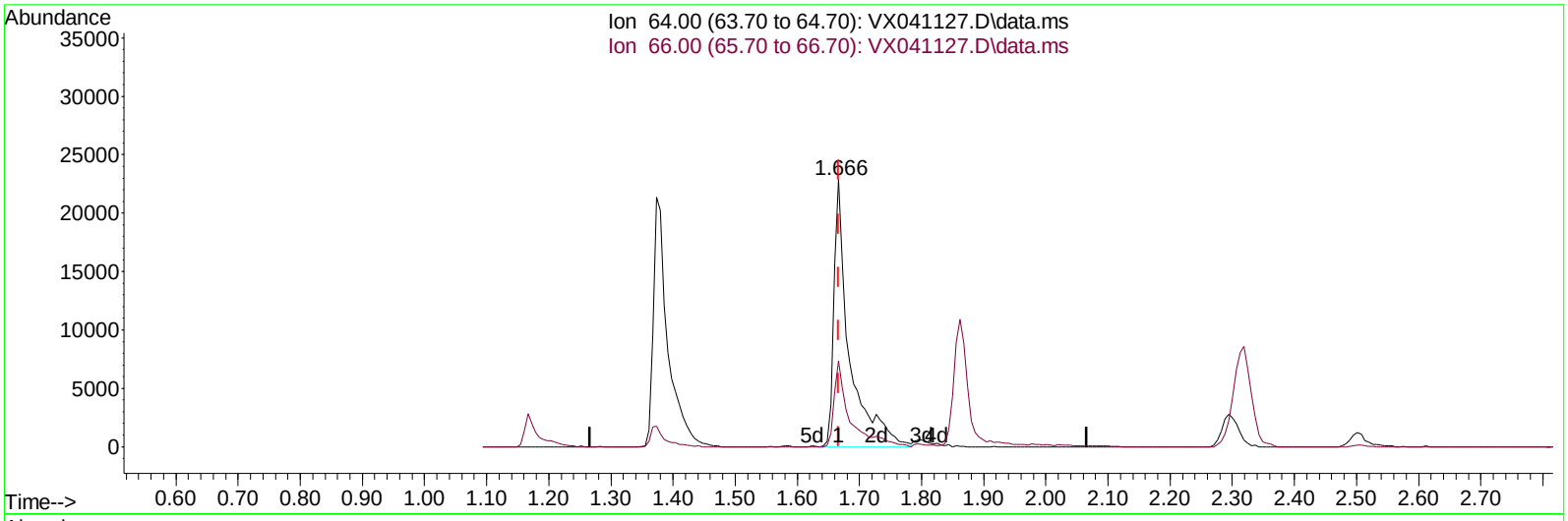

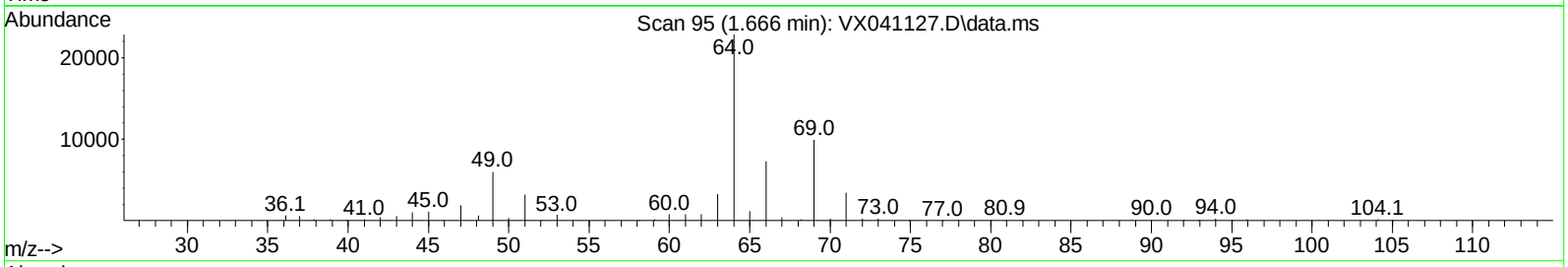

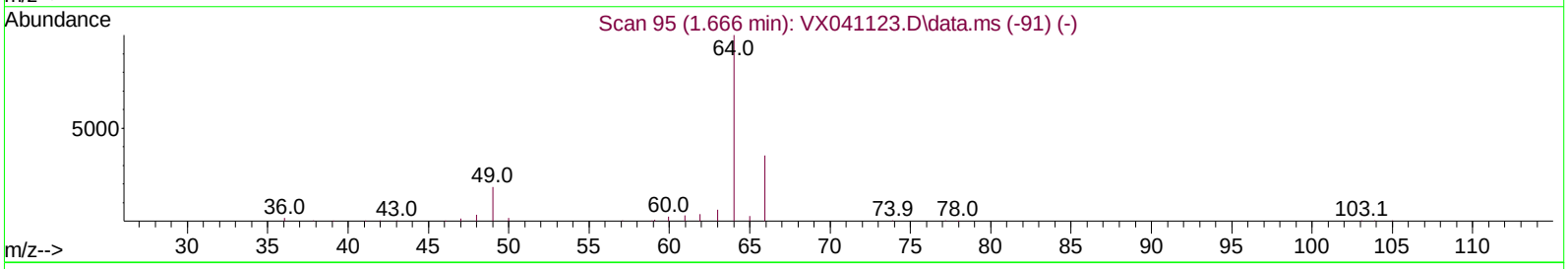

TIC: VX041127.D\data.ms

(8) Chloroethane (T)

1.666min (+ 0.000) 48.99 ug/L m

response 39736

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	35.30	32.16
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	320565	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	111508	48.613	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.220%			
7) Chloroethane-d5	1.648	69	54799	48.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.020%			
11) 1,1-Dichloroethene-d2	2.294	65	47943	48.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.580%			
21) 2-Butanone-d5	4.477	46	149610	114.254	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.250%			
24) Chloroform-d	5.062	84	212598	50.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.700%			
26) 1,2-Dichloroethane-d4	5.958	65	131560	49.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.080%			
32) Benzene-d6	5.977	84	428145	50.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	7.312	67	122946	50.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.400%			
41) Toluene-d8	8.647	98	399973	50.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.780%			
43) trans-1,3-Dichloroprop...	8.952	79	58359	53.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.520%			
47) 2-Hexanone-d5	9.391	63	104407	104.998	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.000%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	184362	51.594	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.180%			
66) 1,2-Dichlorobenzene-d4	12.323	152	179936	51.355	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	100706	50.207	ug/L	100
3) Chloromethane	1.301	50	96301	50.154	ug/L	98
5) Vinyl chloride	1.374	62	103027	49.800	ug/L	100
6) Bromomethane	1.599	94	53339	49.202	ug/L	98
8) Chloroethane	1.666	64	39736m	48.991	ug/L	
9) Trichlorofluoromethane	1.861	101	156293	50.382	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	107428	51.126	ug/L	99
12) 1,1-Dichloroethene	2.307	96	92123	51.317	ug/L	88
13) Acetone	2.398	43	116344	110.771	ug/L	99
14) Carbon disulfide	2.502	76	189111	51.889	ug/L	99
15) Methyl Acetate	2.715	43	113815	51.013	ug/L	100
16) Methylene chloride	2.788	84	100490	49.888	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	92004	50.719	ug/L	96
18) Methyl tert-butyl Ether	3.130	73	319301	51.130	ug/L	100
19) 1,1-Dichloroethane	3.611	63	175219	50.692	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	110999	51.329	ug/L	97
22) 2-Butanone	4.581	43	169925	107.984	ug/L	98
23) Bromochloromethane	4.910	128	55855	49.609	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	187873	50.593	ug/L	99
27) 1,2-Dichloroethane	6.092	62	147271	50.255	ug/L	99
29) Cyclohexane	5.471	56	153295	51.875	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	164009	51.463	ug/L	99
31) Carbon tetrachloride	5.678	117	142991	52.191	ug/L	99
33) Benzene	6.038	78	391284	51.070	ug/L	100
34) Trichloroethene	7.123	95	104808	50.534	ug/L	97
35) Methylcyclohexane	7.379	83	164673	52.240	ug/L	98
37) 1,2-Dichloropropane	7.434	63	101716	51.197	ug/L	100
38) Bromodichloromethane	7.824	83	130894	51.541	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159451	52.700	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	314320	106.457	ug/L	99
42) Toluene	8.720	91	422975	51.191	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	145928	52.935	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	110093	51.413	ug/L	98
46) Tetrachloroethene	9.275	164	102782	51.759	ug/L	99
48) 2-Hexanone	9.433	43	253557	110.578	ug/L	99
49) Dibromochloromethane	9.525	129	113825	52.329	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115378	51.731	ug/L	99
51) Chlorobenzene	10.080	112	291530	50.620	ug/L	100
52) Ethylbenzene	10.195	91	475658	51.668	ug/L	100
53) m,p-Xylene	10.299	106	191497	52.545	ug/L	99
54) o-Xylene	10.640	106	187787	51.449	ug/L	98
55) Styrene	10.653	104	318226	52.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	176965	51.760	ug/L	100
59) Bromoform	10.799	173	97200	52.824	ug/L	100
60) Isopropylbenzene	10.964	105	500781	52.112	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	135349	50.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	414036	52.767	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	416160	53.324	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	250957	51.182	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	255338	51.049	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	259090	50.953	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	36776	53.654	ug/L	81
69) 1,3,5-Trichlorobenzene	13.109	180	199522	52.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	179678	52.182	ug/L	99
71) Naphthalene	13.774	128	539607	54.600	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	186208	51.801	ug/L	99

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

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