Quantitation Report (Qedit)

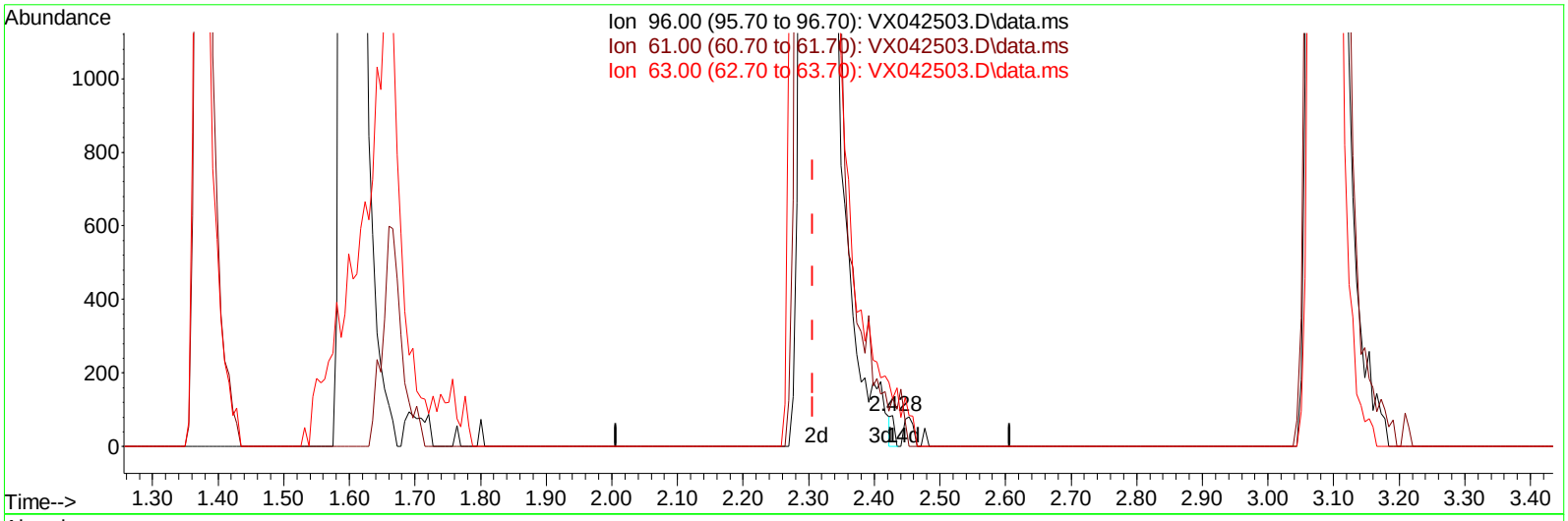
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
Data File : VX042503.D
Acq On : 24 Jul 2024 09:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

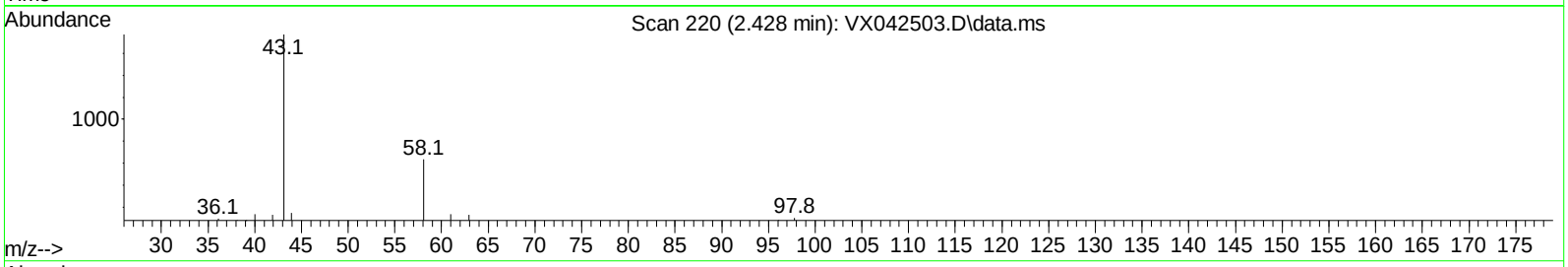
Quant Time: Jul 25 01:30:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration

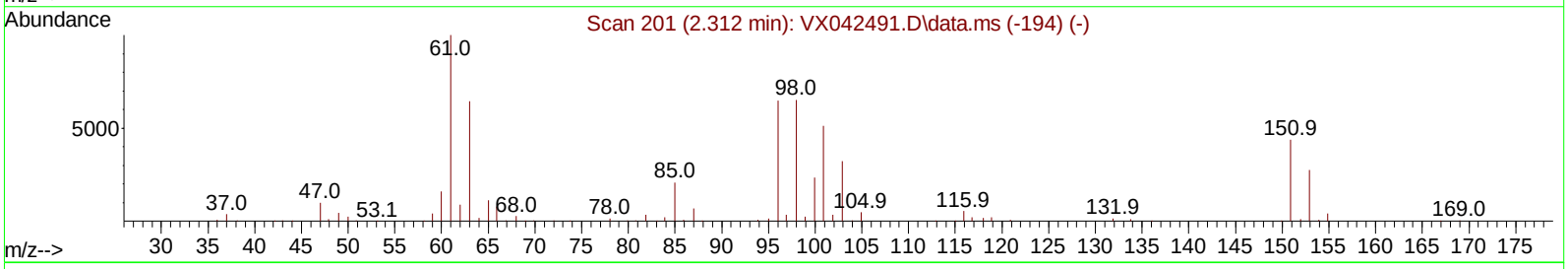
Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024







TIC: VX042503.D\data.ms

(12) 1,1-Dichloroethene (T)

2.428min (+ 0.122) 0.03 ug/L

response 31

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	152.40	157.14
63.00	127.40	155.95
0.00	0.00	0.00

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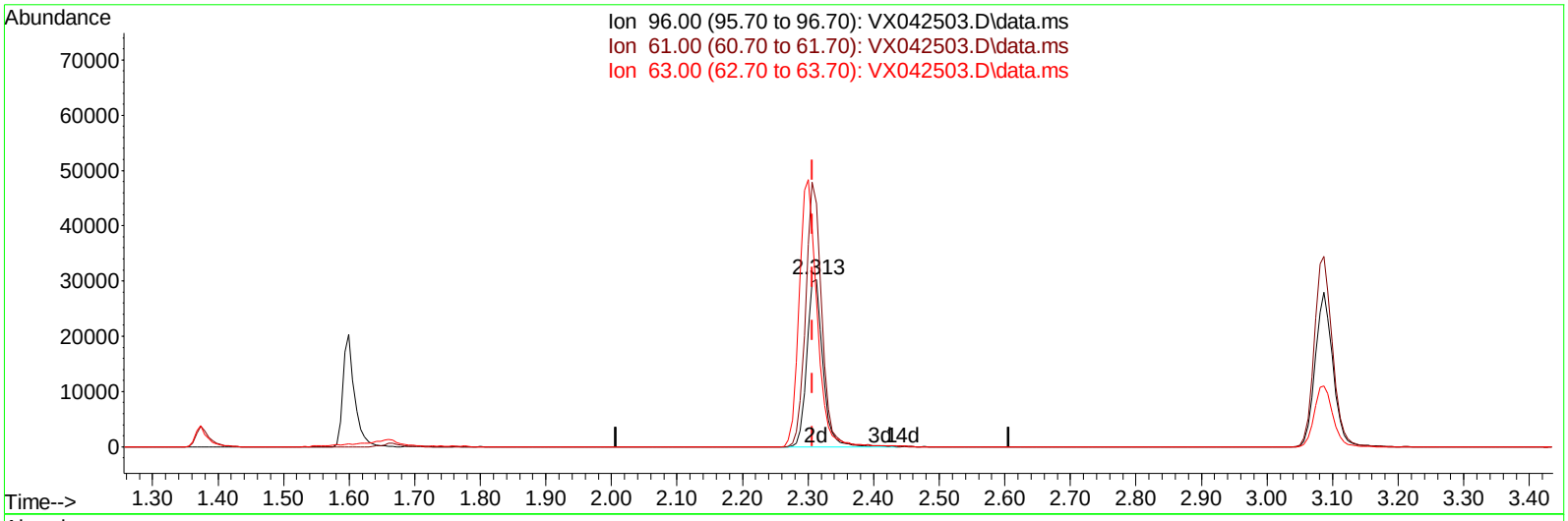

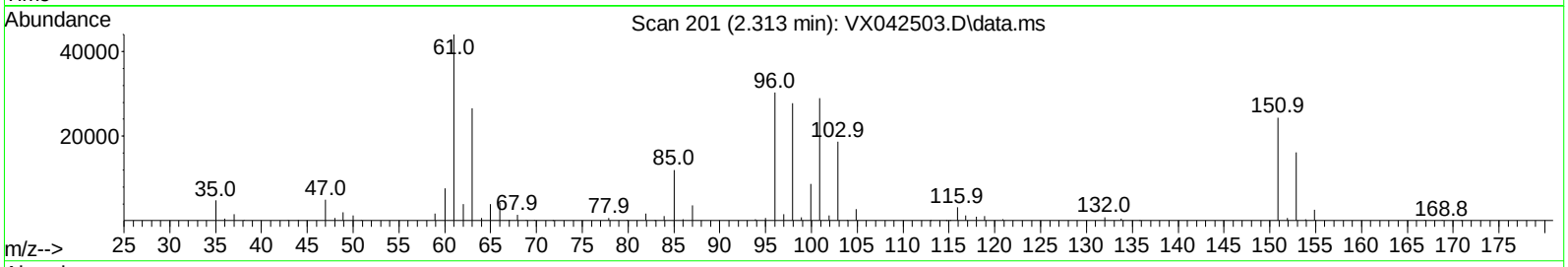

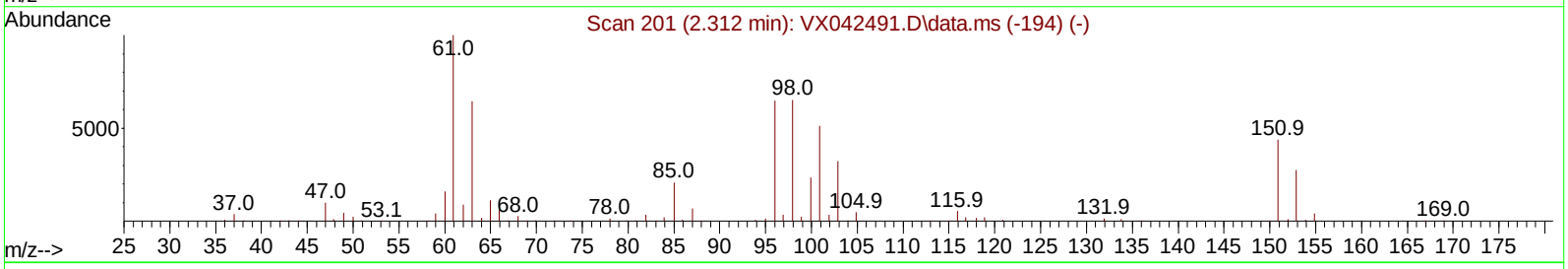

TIC: VX042503.D\data.ms

(12) 1,1-Dichloroethene (T)

2.313min (+ 0.006) 47.14 ug/L m

response 50896

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	152.40	145.45
63.00	127.40	87.87#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	178738	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	166099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38111	36.632	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.260%			
7) Chloroethane-d5	1.648	69	25580	39.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.100%			
11) 1,1-Dichloroethene-d2	2.294	65	21401	47.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.000%			
21) 2-Butanone-d5	4.458	46	77118	102.861	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.860%			
24) Chloroform-d	5.050	84	108510	51.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.740%			
26) 1,2-Dichloroethane-d4	5.952	65	65770	53.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.540%			
32) Benzene-d6	5.970	84	208960	48.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.340%			
36) 1,2-Dichloropropane-d6	7.306	67	63875	49.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.880%			
41) Toluene-d8	8.647	98	200854	50.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.400%			
43) trans-1,3-Dichloroprop...	8.952	79	29925	53.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.180%			
47) 2-Hexanone-d5	9.384	63	61222	104.390	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.390%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98063	51.338	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.680%			
66) 1,2-Dichlorobenzene-d4	12.317	152	92619	51.155	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	57577	45.035	ug/L	100
3) Chloromethane	1.301	50	46265	35.809	ug/L	99
5) Vinyl chloride	1.374	62	45803	36.044	ug/L	100
6) Bromomethane	1.599	94	26458	38.210	ug/L	100
8) Chloroethane	1.666	64	24165	38.151	ug/L	99
9) Trichlorofluoromethane	1.874	101	71365	43.151	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60516	53.095	ug/L	98
12) 1,1-Dichloroethene	2.313	96	50896m	47.143	ug/L	
13) Acetone	2.386	43	63169	123.509	ug/L	97
14) Carbon disulfide	2.502	76	89662	33.383	ug/L	98
15) Methyl Acetate	2.709	43	65672	50.536	ug/L	98
16) Methylene chloride	2.788	84	60837	45.674	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	52004	46.833	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	199568	54.960	ug/L	98
19) 1,1-Dichloroethane	3.605	63	104111	52.213	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	67110	51.444	ug/L	98
22) 2-Butanone	4.562	43	98332	114.856	ug/L	98
23) Bromochloromethane	4.897	128	35243	50.552	ug/L	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.086	83	116186	55.573 ug/L	100
27) 1,2-Dichloroethane	6.080	62	86478	55.815 ug/L	98
29) Cyclohexane	5.464	56	80039	44.588 ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	99010	54.751 ug/L	100
31) Carbon tetrachloride	5.672	117	87989	55.704 ug/L	98
33) Benzene	6.031	78	229254	49.357 ug/L	100
34) Trichloroethene	7.123	95	66086	54.317 ug/L	98
35) Methylcyclohexane	7.379	83	90133	48.858 ug/L	99
37) 1,2-Dichloropropane	7.427	63	62765	52.665 ug/L	100
38) Bromodichloromethane	7.818	83	82428	56.480 ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	99634	56.777 ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	183887	108.177 ug/L	100
42) Toluene	8.714	91	257202	51.895 ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	91458	58.130 ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	70679	55.427 ug/L	98
46) Tetrachloroethene	9.275	164	60332	52.976 ug/L	96
48) 2-Hexanone	9.433	43	146554	109.785 ug/L	99
49) Dibromochloromethane	9.519	129	75270	57.958 ug/L	99
50) 1,2-Dibromoethane	9.610	107	72972	53.283 ug/L	98
51) Chlorobenzene	10.079	112	182788	53.727 ug/L	99
52) Ethylbenzene	10.195	91	295392	54.846 ug/L	99
53) m,p-Xylene	10.299	106	116971	53.957 ug/L	97
54) o-Xylene	10.640	106	117523	54.271 ug/L	97
55) Styrene	10.653	104	203234	56.325 ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	111419	54.439 ug/L	99
59) Bromoform	10.799	173	64935	55.574 ug/L	98
60) Isopropylbenzene	10.963	105	317509	54.404 ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	85930	51.914 ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	241801	54.486 ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	262507	55.194 ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	158741	54.236 ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	159927	54.017 ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	163498	54.265 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	23099	54.514 ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	123145	57.906 ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	111611	57.702 ug/L	99
71) Naphthalene	13.774	128	334689	55.973 ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117202	57.342 ug/L	99

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

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