Quantitation Report (Qedit)

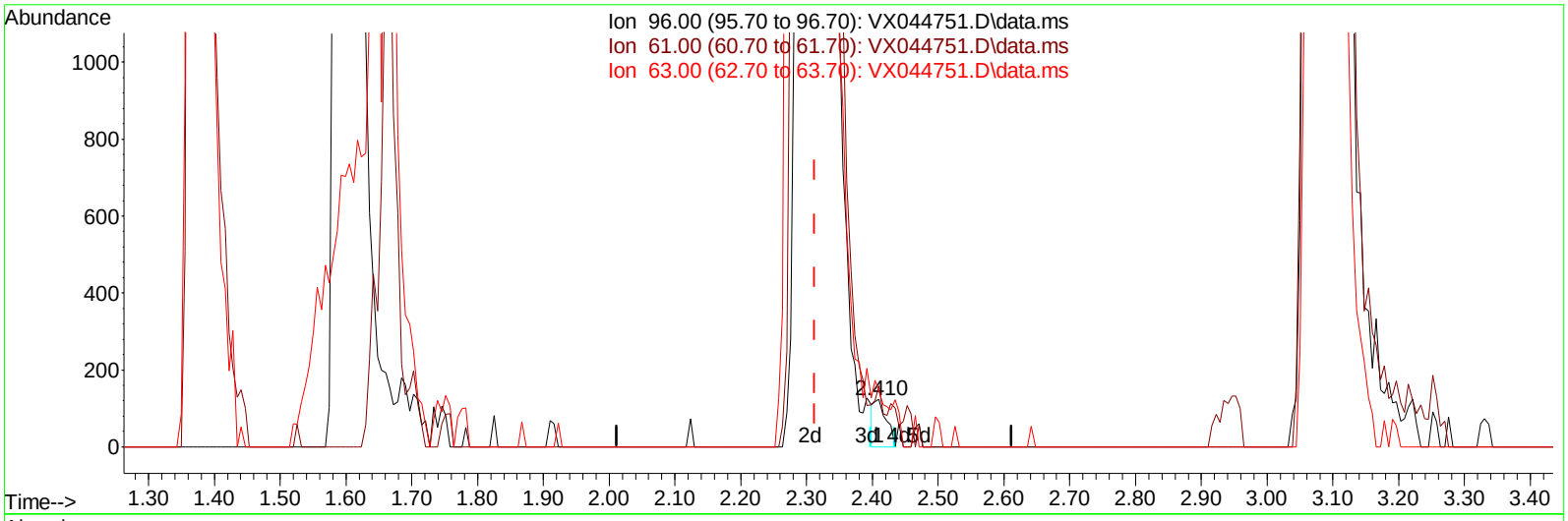
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
Data File : VX044751.D
Acq On : 28 Jan 2025 17:53
Operator : JC/MD
Sample : Q1162-03MS 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

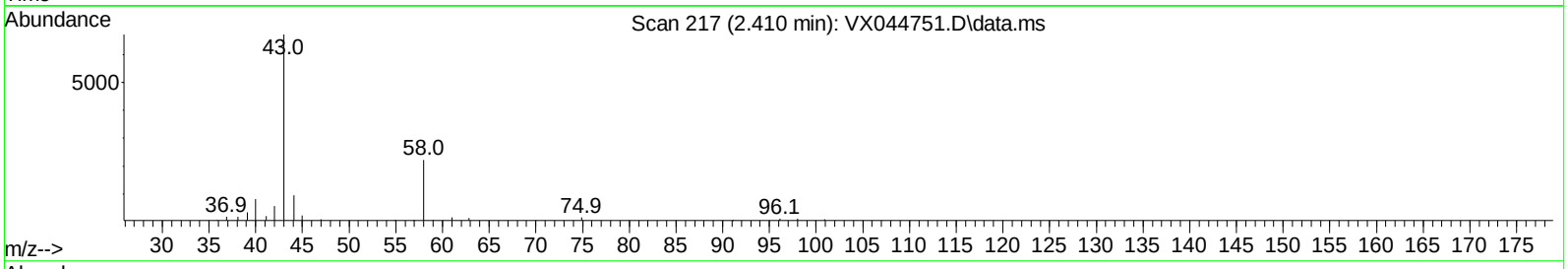
Quant Time: Jan 29 07:41:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 12:04:44 2025
Response via : Initial Calibration

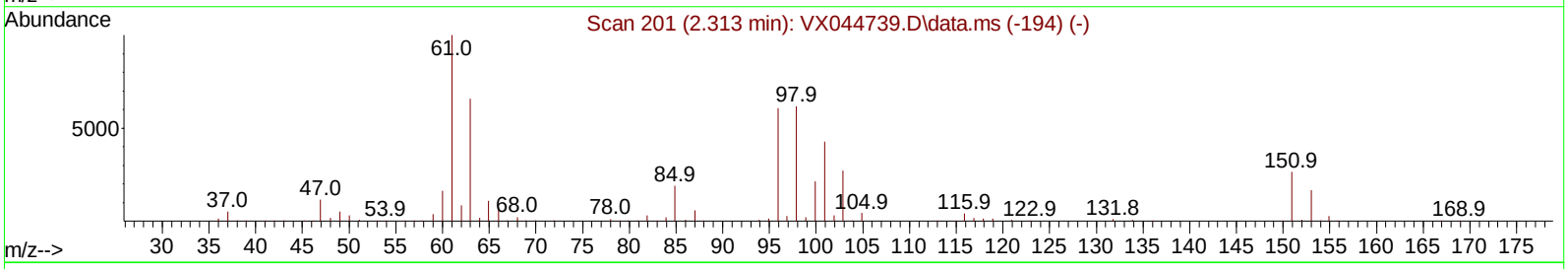
Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025







TIC: VX044751.D\data.ms

(12) 1,1-Dichloroethene (T)

2.410min (+ 0.097) 0.09 ug/L

response 163

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	164.50	127.42
63.00	105.80	117.74
0.00	0.00	0.00

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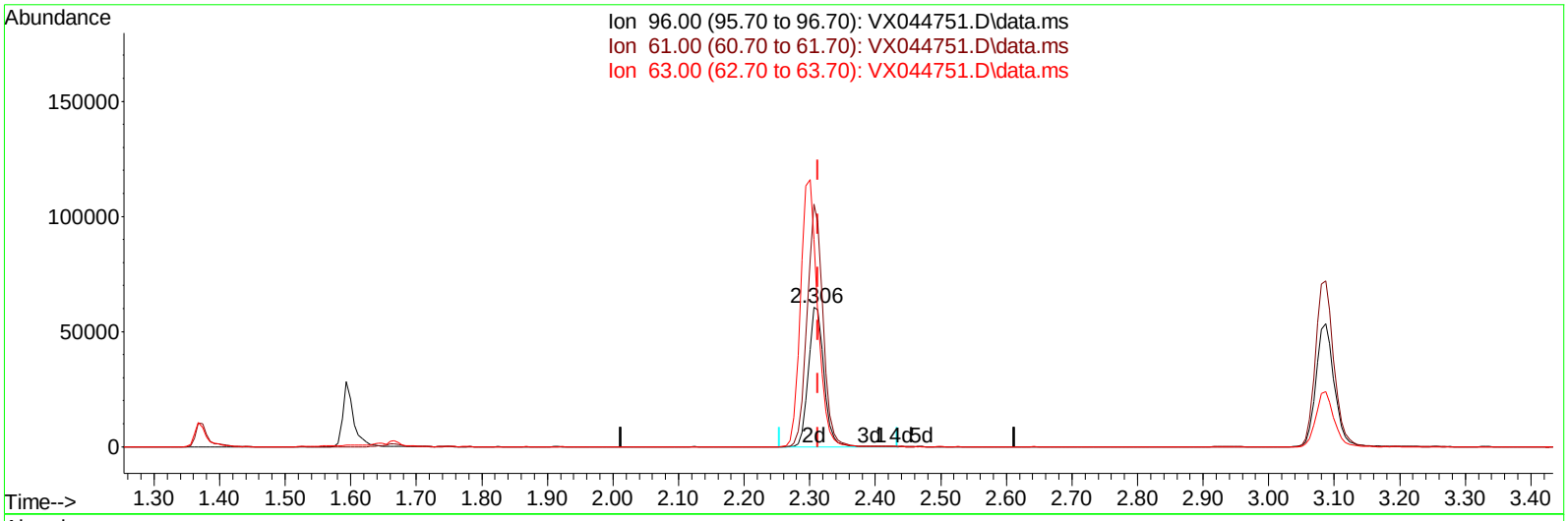

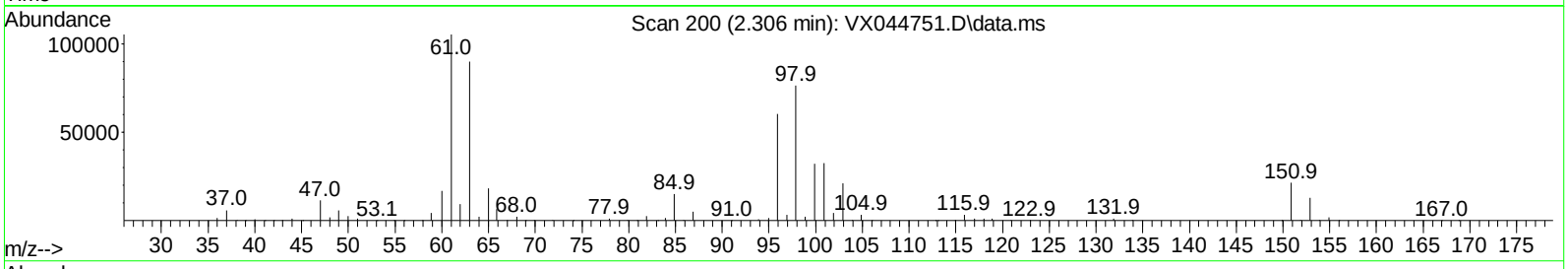

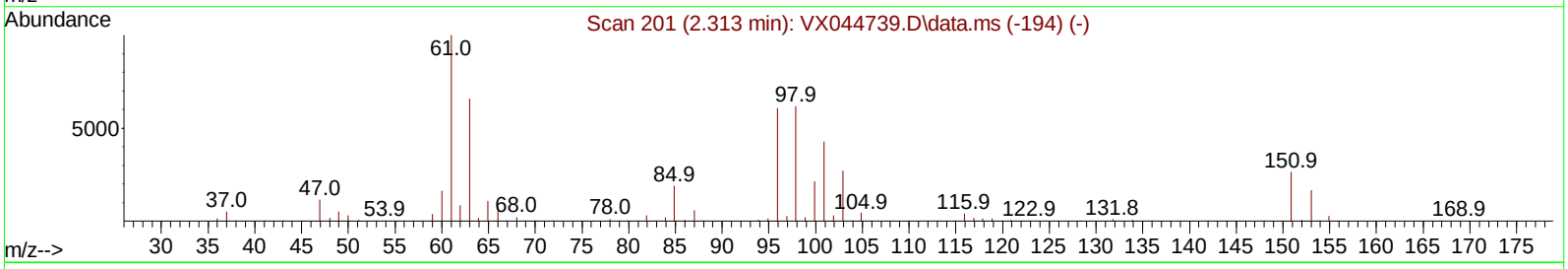

TIC: VX044751.D\data.ms

(12) 1,1-Dichloroethene (T)

2.306min (-0.006) 57.06 ug/L m

response 100070

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	164.50	174.02
63.00	105.80	148.94#
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	6.757	114	282935	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	242602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	103236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	112385	52.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.540%			
7) Chloroethane-d5	1.642	69	40451	49.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.294	65	50489	55.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.920%			
21) 2-Butanone-d5	4.458	46	120528	132.378	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 132.380%#			
24) Chloroform-d	5.050	84	206697	55.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.460%			
26) 1,2-Dichloroethane-d4	5.952	65	123063	54.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.560%			
32) Benzene-d6	5.964	84	430404	56.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.480%			
36) 1,2-Dichloropropane-d6	7.306	67	133758	55.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.420%			
41) Toluene-d8	8.647	98	373846	55.684	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.360%			
43) trans-1,3-Dichloroprop...	8.945	79	62386	54.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.560%			
47) 2-Hexanone-d5	9.384	63	81005	113.997	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.000%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167994	56.305	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.620%			
66) 1,2-Dichlorobenzene-d4	12.317	152	113486	56.182	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	113993	56.335	ug/L	100
3) Chloromethane	1.307	50	126781	50.816	ug/L	99
5) Vinyl chloride	1.374	62	121835	53.175	ug/L	99
6) Bromomethane	1.593	94	32770	52.843	ug/L	96
8) Chloroethane	1.666	64	53474	58.452	ug/L	98
9) Trichlorofluoromethane	1.874	101	155787	60.983	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	105694	56.242	ug/L	98
12) 1,1-Dichloroethene	2.306	96	100070m	57.065	ug/L	
13) Acetone	2.386	43	107856	118.795	ug/L	99
14) Carbon disulfide	2.502	76	288126	53.654	ug/L	100
15) Methyl Acetate	2.703	43	123800	58.925	ug/L	99
16) Methylene chloride	2.782	84	113310	56.495	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	103241	56.280	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	361718	57.193	ug/L	99
19) 1,1-Dichloroethane	3.605	63	204698	57.070	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	123994	56.468	ug/L	99
22) 2-Butanone	4.562	43	167802	112.083	ug/L	99
23) Bromochloromethane	4.897	128	59263	54.723	ug/L	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.086	83	202485	55.641 ug/L	99
27) 1,2-Dichloroethane	6.080	62	151910	55.640 ug/L	99
29) Cyclohexane	5.464	56	204469	54.904 ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	171691	55.937 ug/L	100
31) Carbon tetrachloride	5.672	117	144503	54.898 ug/L	99
33) Benzene	6.031	78	441123	55.174 ug/L	100
34) Trichloroethene	7.123	95	112187	55.140 ug/L	97
35) Methylcyclohexane	7.379	83	190123	54.622 ug/L	100
37) 1,2-Dichloropropane	7.427	63	121415	56.144 ug/L	99
38) Bromodichloromethane	7.818	83	153696	56.628 ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	193425	55.092 ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	337363	118.008 ug/L	97
42) Toluene	8.714	91	461748	56.292 ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	173900	55.328 ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	113761	56.358 ug/L	99
46) Tetrachloroethene	9.269	164	79103	54.750 ug/L	97
48) 2-Hexanone	9.427	43	224305	109.499 ug/L	96
49) Dibromochloromethane	9.519	129	111831	54.934 ug/L	99
50) 1,2-Dibromoethane	9.604	107	116638	55.132 ug/L	98
51) Chlorobenzene	10.079	112	281964	55.063 ug/L	95
52) Ethylbenzene	10.189	91	496751	55.403 ug/L	100
53) m,p-Xylene	10.299	106	186029	55.265 ug/L	97
54) o-Xylene	10.640	106	184721	55.673 ug/L	98
55) Styrene	10.652	104	302743	55.285 ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	172749	55.158 ug/L	99
59) Bromoform	10.799	173	76492	56.012 ug/L	100
60) Isopropylbenzene	10.957	105	476381	57.457 ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130235	57.140 ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	388868	57.172 ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	381518	56.632 ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	187529	55.021 ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	186621	55.007 ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	189034	55.940 ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	34535	55.608 ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	119408	53.465 ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	111100	55.178 ug/L	97
71) Naphthalene	13.774	128	441378	56.523 ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112458	55.080 ug/L	99

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

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