Quantitation Report (Qedit)

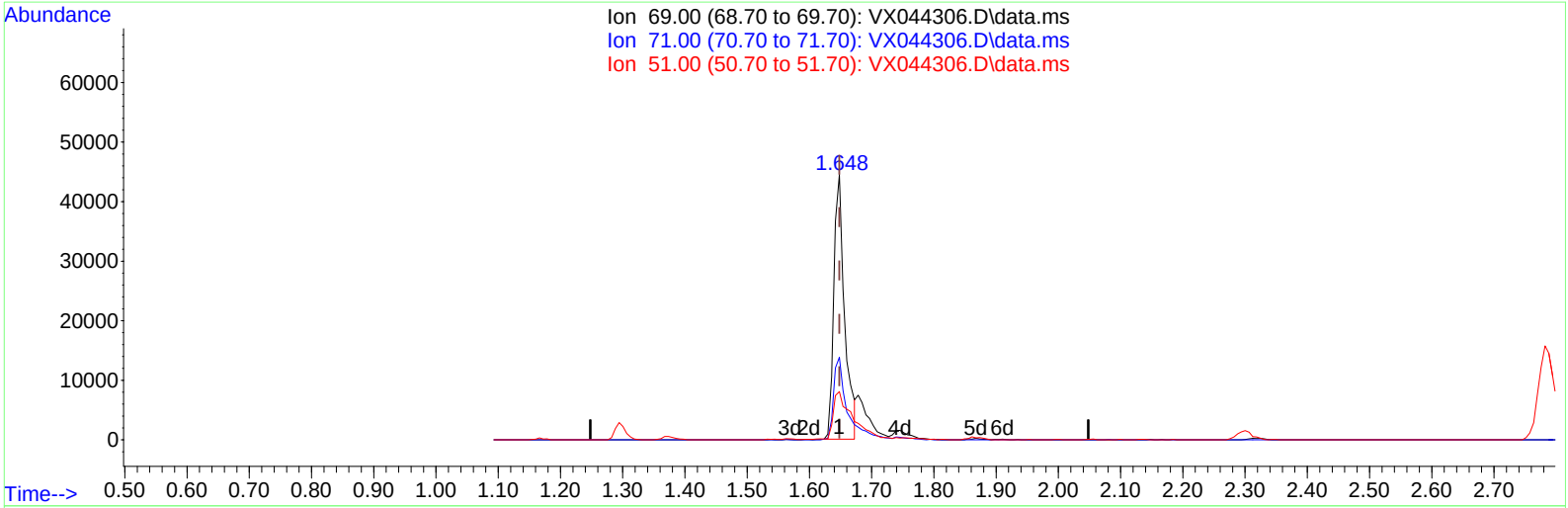
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
Data File : VX044306.D
Acq On : 14 Dec 2024 00:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

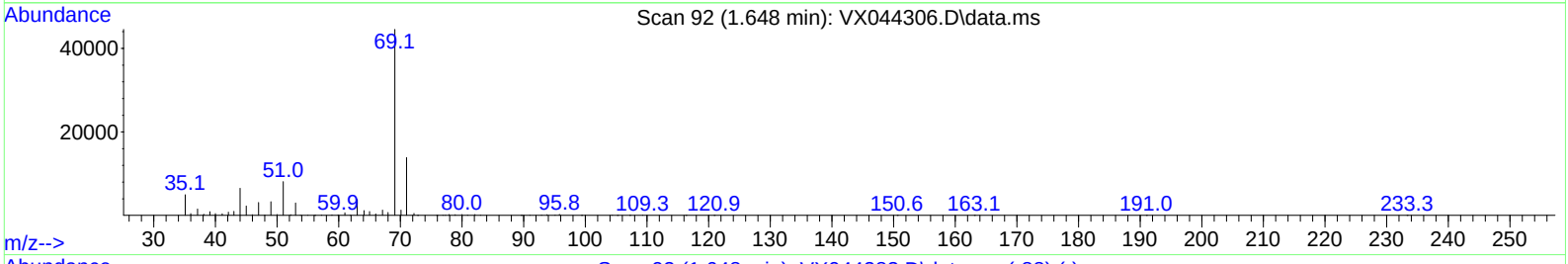
Quant Time: Dec 14 01:28:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 03:56:15 2024
Response via : Initial Calibration

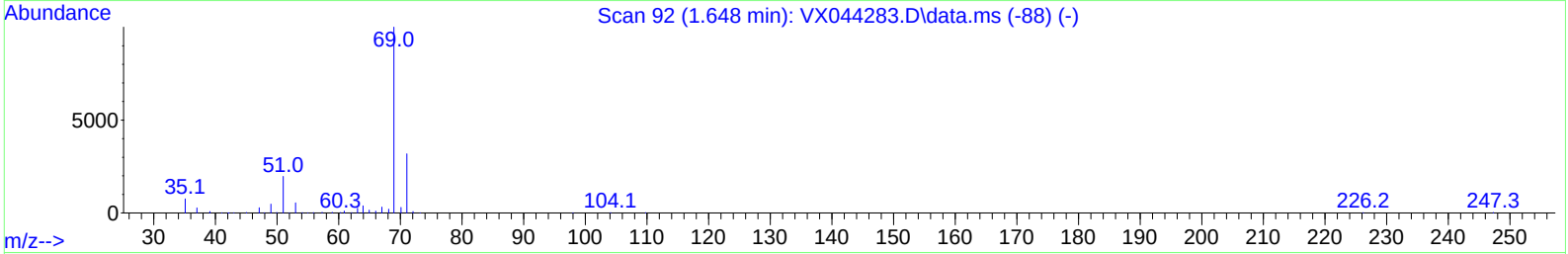
Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024







TIC: VX044306.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (0.000) 31.69 ug/L

response 53507

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	38.34
51.00	28.20	32.26
0.00	0.00	0.00

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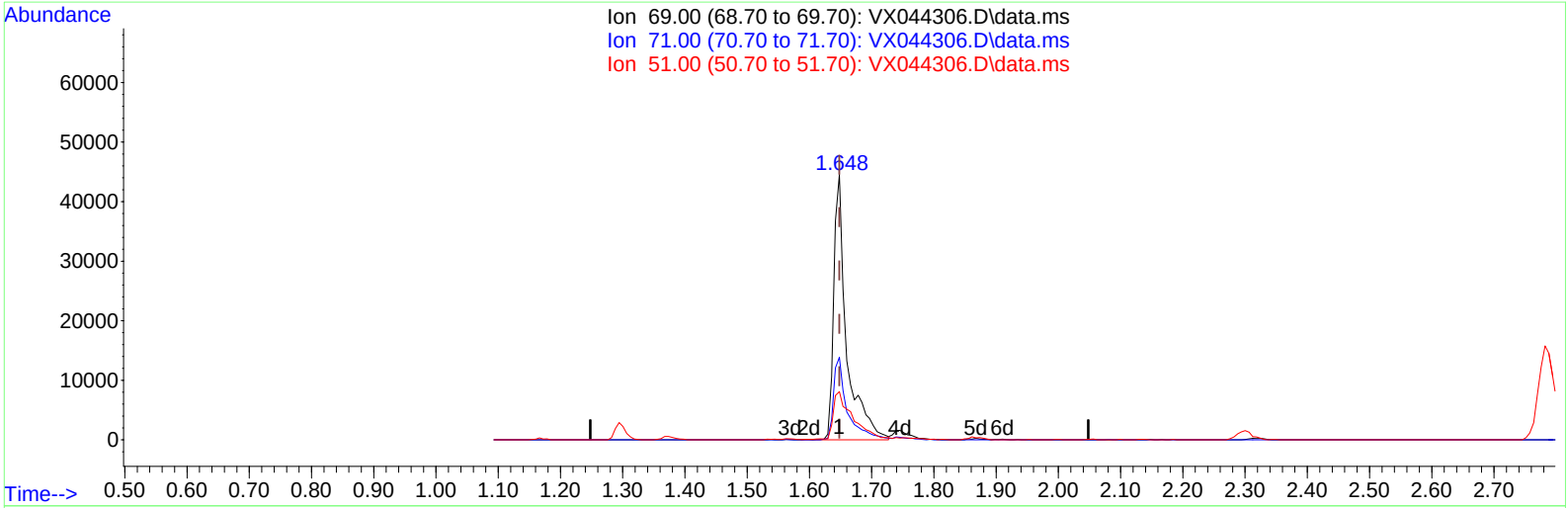

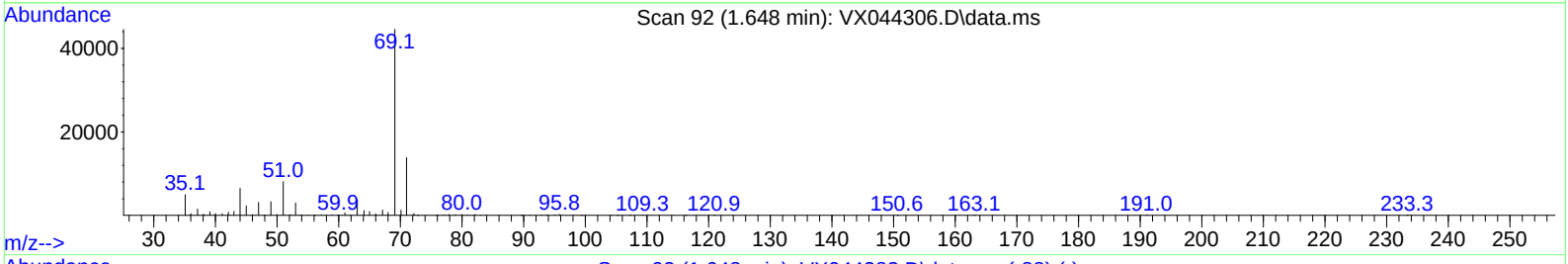

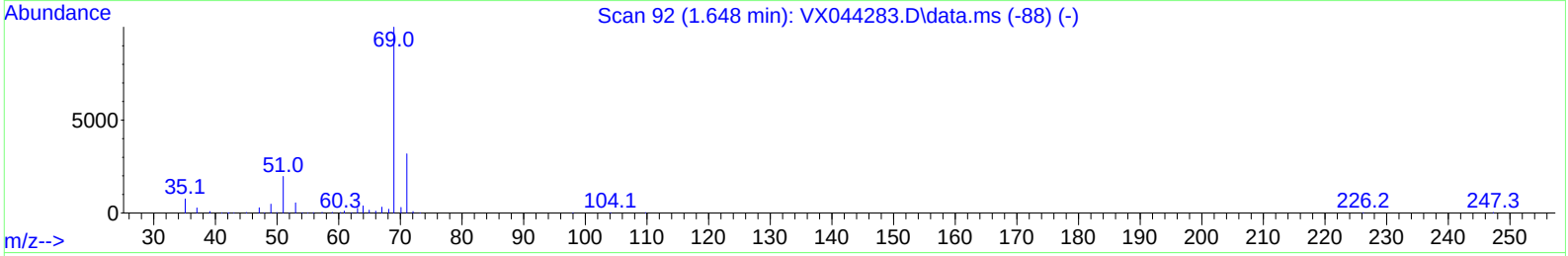

TIC: VX044306.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (0.000) 37.99 ug/L m

response 64141

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	31.99
51.00	28.20	26.91
0.00	0.00	0.00

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	238161	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84161	38.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.240%			
7) Chloroethane-d5	1.648	69	64141m	37.992	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.980%			
11) 1,1-Dichloroethene-d2	2.294	65	36925	39.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.240%			
21) 2-Butanone-d5	4.458	46	117818	88.295	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.290%			
24) Chloroform-d	5.056	84	187932	45.415	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.840%			
26) 1,2-Dichloroethane-d4	5.952	65	125886	43.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.040%			
32) Benzene-d6	5.970	84	330016	45.929	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.860%			
36) 1,2-Dichloropropane-d6	7.299	67	102270	45.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.680%			
41) Toluene-d8	8.647	98	287003	43.199	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.400%			
43) trans-1,3-Dichloroprop...	8.945	79	45386	42.330	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.660%			
47) 2-Hexanone-d5	9.384	63	77435	89.012	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.010%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139615	46.668	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.340%			
66) 1,2-Dichlorobenzene-d4	12.317	152	103690	45.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	88226	45.680	ug/L	100
3) Chloromethane	1.294	50	86271	48.420	ug/L	98
5) Vinyl chloride	1.374	62	87583	45.562	ug/L	98
6) Bromomethane	1.599	94	58638	44.880	ug/L	96
8) Chloroethane	1.666	64	53213	41.815	ug/L	96
9) Trichlorofluoromethane	1.867	101	151916	42.416	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	72495	45.959	ug/L	94
12) 1,1-Dichloroethene	2.306	96	65748	46.829	ug/L #	56
13) Acetone	2.386	43	72975	61.461	ug/L	91
14) Carbon disulfide	2.501	76	101710	38.241	ug/L	98
15) Methyl Acetate	2.703	43	81193	42.169	ug/L	99
16) Methylene chloride	2.782	84	78607	48.653	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	67984	46.493	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	280462	47.533	ug/L	97
19) 1,1-Dichloroethane	3.605	63	149122	48.612	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	87224	48.794	ug/L	95
22) 2-Butanone	4.562	43	112052	78.189	ug/L	97
23) Bromochloromethane	4.897	128	43696	50.124	ug/L	93
25) Chloroform	5.086	83	167661	48.562	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	139193	48.495	ug/L	98
29) Cyclohexane	5.458	56	123766	47.968	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	138731	49.145	ug/L	98
31) Carbon tetrachloride	5.666	117	106992	48.389	ug/L	98
33) Benzene	6.031	78	315875	50.020	ug/L	100
34) Trichloroethene	7.117	95	85061	49.337	ug/L	95
35) Methylcyclohexane	7.373	83	117589	47.081	ug/L	97
37) 1,2-Dichloropropane	7.427	63	85481	50.411	ug/L	99
38) Bromodichloromethane	7.818	83	104095	46.856	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	125773	47.356	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	230399	87.766	ug/L	94
42) Toluene	8.714	91	332545	49.699	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	115050	45.702	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	83120	47.834	ug/L	99
46) Tetrachloroethene	9.269	164	57371	49.884	ug/L	94
48) 2-Hexanone	9.433	43	168459	81.501	ug/L	94
49) Dibromochloromethane	9.519	129	69853	45.479	ug/L	96
50) 1,2-Dibromoethane	9.610	107	87402	48.704	ug/L	99
51) Chlorobenzene	10.079	112	208916	48.667	ug/L	98
52) Ethylbenzene	10.189	91	362912	49.239	ug/L	99
53) m,p-Xylene	10.299	106	132148	49.502	ug/L	95
54) o-Xylene	10.640	106	135132	49.225	ug/L	96
55) Styrene	10.652	104	222840	49.771	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	125920	46.713	ug/L	97
59) Bromoform	10.799	173	40433	41.465	ug/L	96
60) Isopropylbenzene	10.963	105	357148	47.626	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	97025	43.106	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	299231	48.082	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	294593	48.234	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	148874	47.869	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	152500	49.001	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	153352	48.564	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	20100	39.292	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	92367	47.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	86432	50.007	ug/L	96
71) Naphthalene	13.774	128	330526	46.906	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	90142	49.094	ug/L	97

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

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