

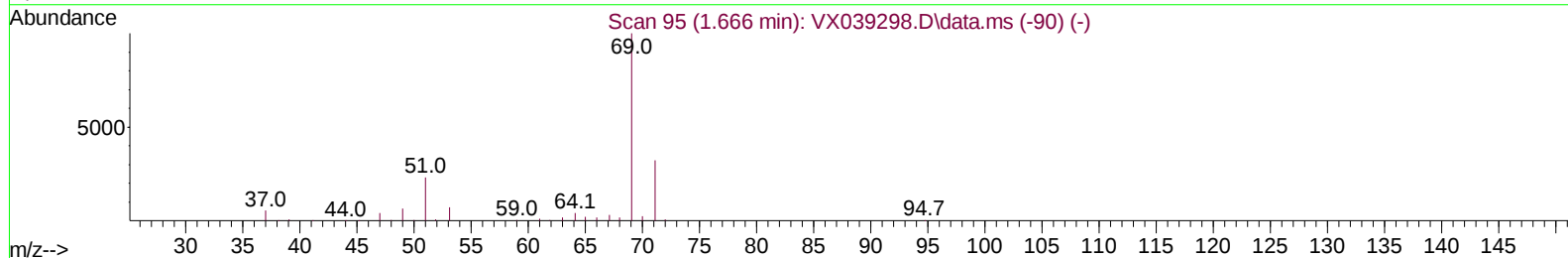
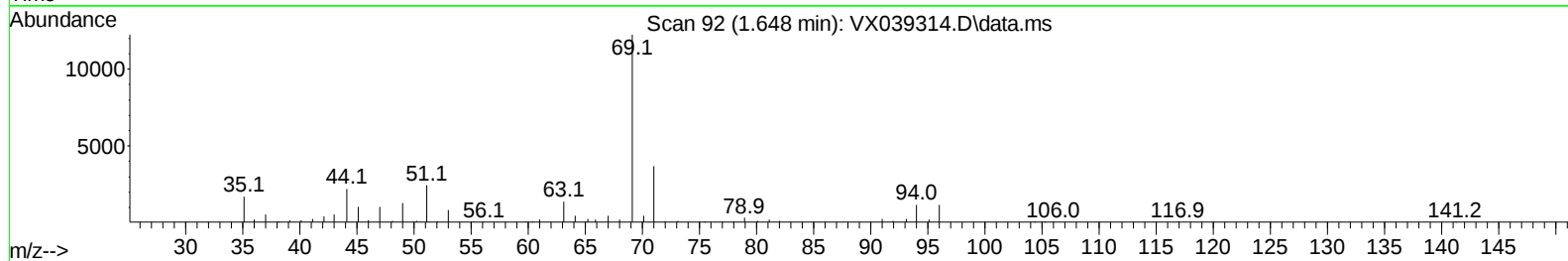
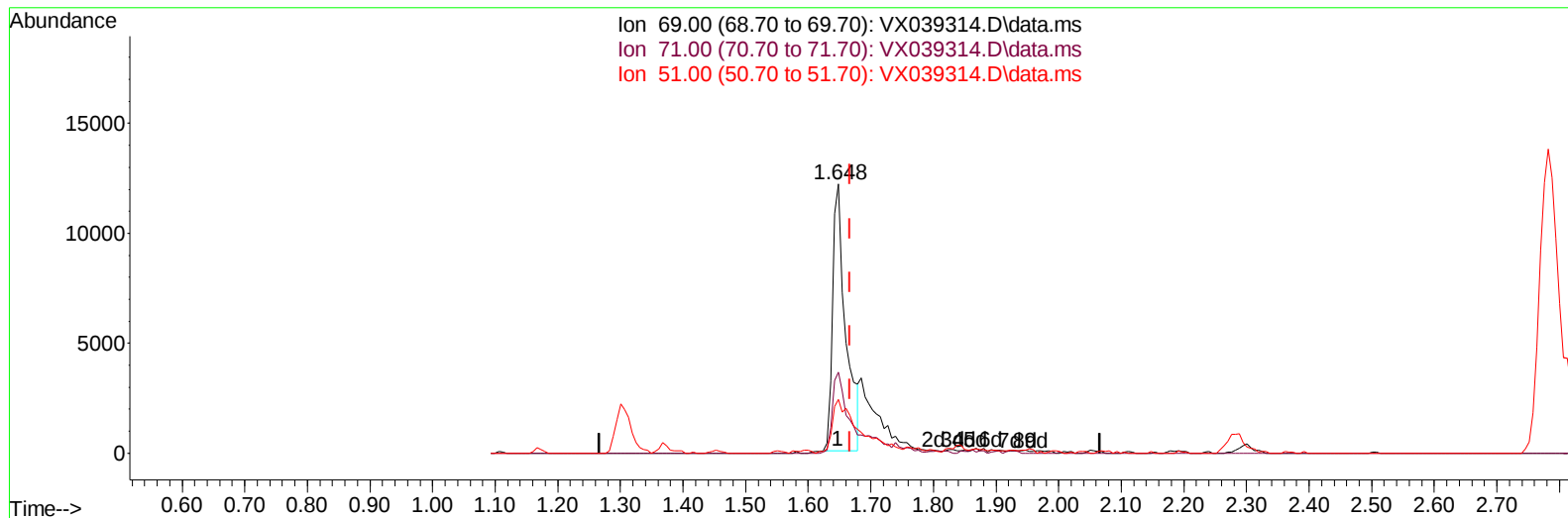
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
Data File : VX039314.D
Acq On : 18 Dec 2023 16:13
Operator : JC/MD
Sample : 05806-07MSME
Misc : 5.45g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E0LQ8MEMS

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/19/2023
Supervised By :Semsettin Yesilyurt 12/19/2023

Quant Time: Dec 18 21:47:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 18 21:43:41 2023
Response via : Initial Calibration



TIC: VX039314.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (-0.018) 13.62 ug/L

response 17741

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.10	32.91
51.00	27.90	41.12#
0.00	0.00	0.00

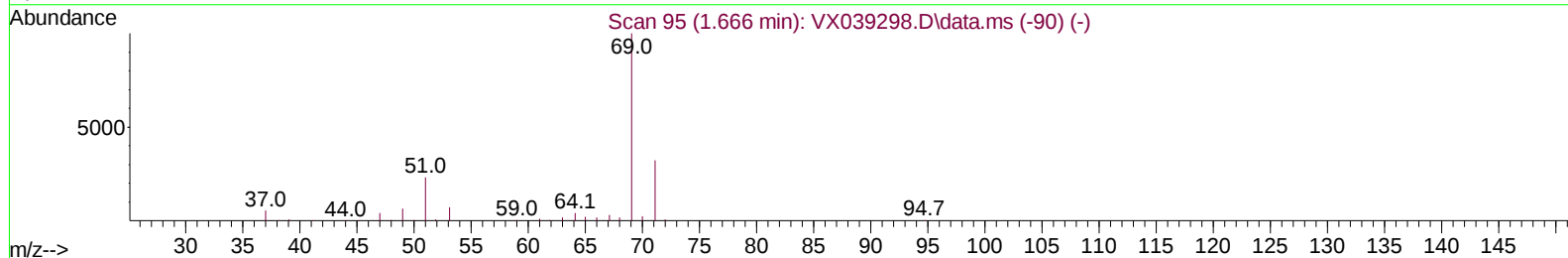
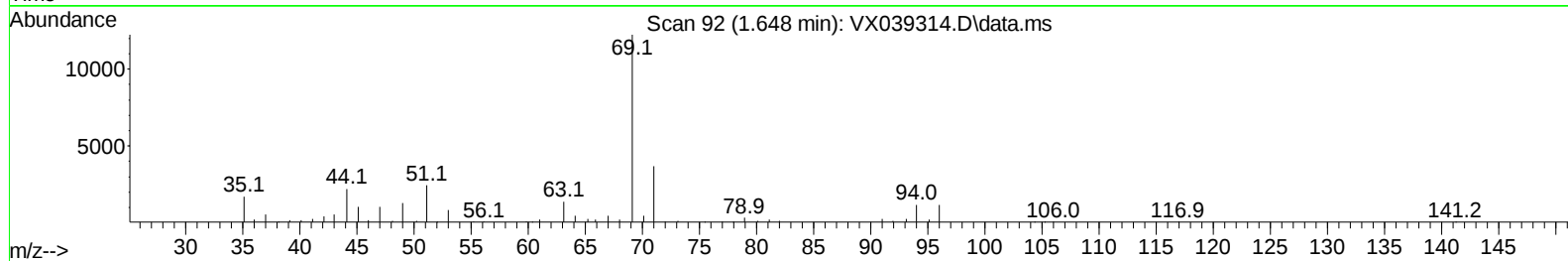
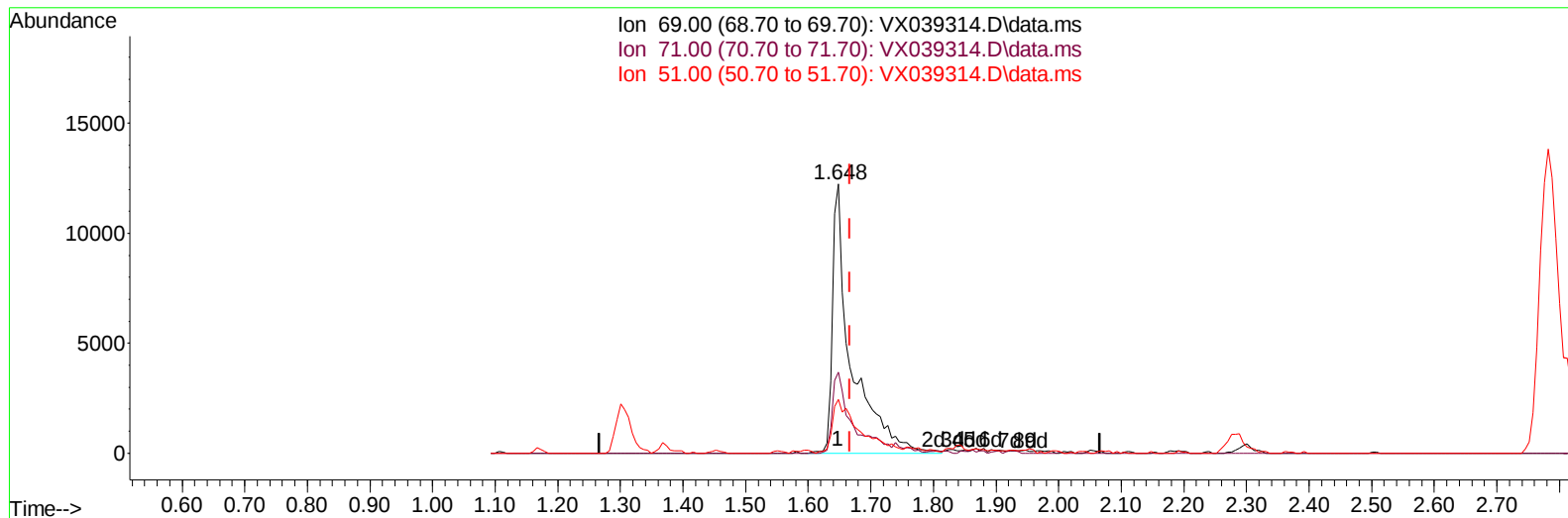
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TIC: VX039314.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (-0.018) 19.65 ug/L m

response 25603

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.10	22.81
51.00	27.90	28.49
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	6.763	114	224709	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	206907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64083	36.359	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	72.720%	
7) Chloroethane-d5	1.648	69	25603m	19.653	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	39.300%#	
11) 1,1-Dichloroethene-d2	2.276	65	31226	40.361	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	80.720%	
21) 2-Butanone-d5	4.489	46	144810	90.767	ug/L	0.04
Spiked Amount 100.000	Range 40	- 130	Recovery	=	90.770%	
24) Chloroform-d	5.062	84	146516	46.960	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.920%	
26) 1,2-Dichloroethane-d4	5.958	65	98407	48.701	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.400%	
32) Benzene-d6	5.971	84	281351	44.060	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.120%	
36) 1,2-Dichloropropane-d6	7.312	67	92275	44.903	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.800%	
41) Toluene-d8	8.647	98	248382	42.922	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.840%	
43) trans-1,3-Dichloroprop...	8.952	79	43077	41.192	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	82.380%	
47) 2-Hexanone-d5	9.397	63	109403	89.135	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.130%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136418	46.795	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.323	152	86529	43.230	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	86.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	91904	51.285	ug/L	100
3) Chloromethane	1.307	50	98650	52.668	ug/L	100
5) Vinyl chloride	1.374	62	97189	52.648	ug/L	99
6) Bromomethane	1.599	94	35201	35.328	ug/L	98
8) Chloroethane	1.666	64	25349	24.289	ug/L	99
9) Trichlorofluoromethane	1.837	101	70406	29.428	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	88071	57.227	ug/L	99
12) 1,1-Dichloroethene	2.294	96	78333	54.112	ug/L #	79
13) Acetone	2.416	43	159541	104.094	ug/L	94
14) Carbon disulfide	2.483	76	204993	44.501	ug/L	99
15) Methyl Acetate	2.721	43	127264	58.093	ug/L	99
16) Methylene chloride	2.782	84	89112	53.579	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	84860	55.637	ug/L	92
18) Methyl tert-butyl Ether	3.136	73	317032	59.715	ug/L	98
19) 1,1-Dichloroethane	3.605	63	173831	57.639	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	97864	55.318	ug/L	97
22) 2-Butanone	4.593	43	198920	105.754	ug/L	98
23) Bromochloromethane	4.904	128	40101	48.220	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	174485	58.005	ug/L	96
27) 1,2-Dichloroethane	6.086	62	147632	62.183	ug/L	95
29) Cyclohexane	5.458	56	161880	55.929	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	143274	57.071	ug/L	99
31) Carbon tetrachloride	5.672	117	111295	53.137	ug/L	100
33) Benzene	6.031	78	369577	56.207	ug/L	100
34) Trichloroethene	7.123	95	99740	57.398	ug/L	97
35) Methylcyclohexane	7.373	83	153595	53.072	ug/L	95
37) 1,2-Dichloropropane	7.428	63	100901	55.331	ug/L	100
38) Bromodichloromethane	7.824	83	118885	53.600	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	156043	53.651	ug/L	99
40) 4-Methyl-2-pentanone	8.586	43	345756	113.130	ug/L	99
42) Toluene	8.720	91	378149	54.233	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	146512	54.283	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	91845	54.958	ug/L	97
46) Tetrachloroethene	9.275	164	61914	54.012	ug/L	98
48) 2-Hexanone	9.439	43	280575	109.685	ug/L	98
49) Dibromochloromethane	9.525	129	83466	51.266	ug/L	97
50) 1,2-Dibromoethane	9.610	107	99592	55.626	ug/L	99
51) Chlorobenzene	10.080	112	231709	53.799	ug/L	95
52) Ethylbenzene	10.195	91	429095	55.047	ug/L	99
53) m,p-Xylene	10.305	106	156264	53.616	ug/L	98
54) o-Xylene	10.640	106	151717	54.250	ug/L	94
55) Styrene	10.659	104	262553	54.869	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	161817	55.482	ug/L	99
59) Bromoform	10.805	173	55620	44.691	ug/L	100
60) Isopropylbenzene	10.964	105	413873	53.487	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	129980	56.032	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	354954	54.335	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	352798	55.076	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	177912	53.718	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	181950	54.215	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	173887	54.886	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	38616	53.339	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	122369	55.869	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	115750	56.058	ug/L	99
71) Naphthalene	13.774	128	403014	56.912	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	114332	57.186	ug/L	99

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

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