

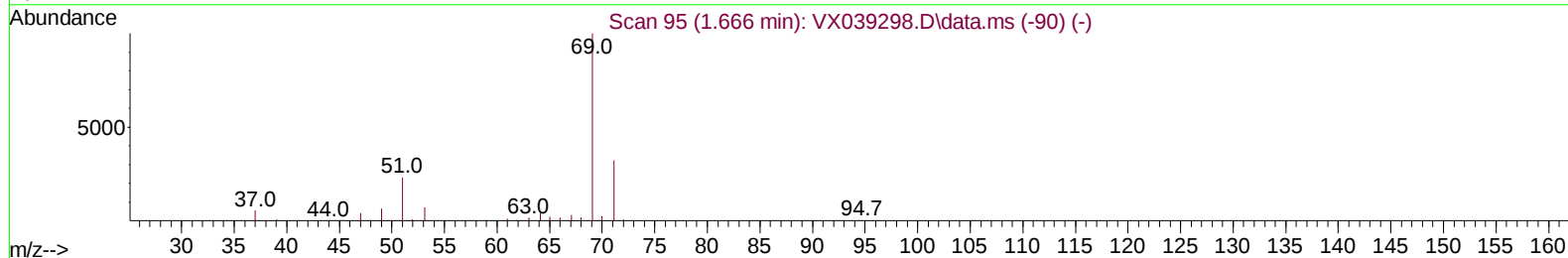
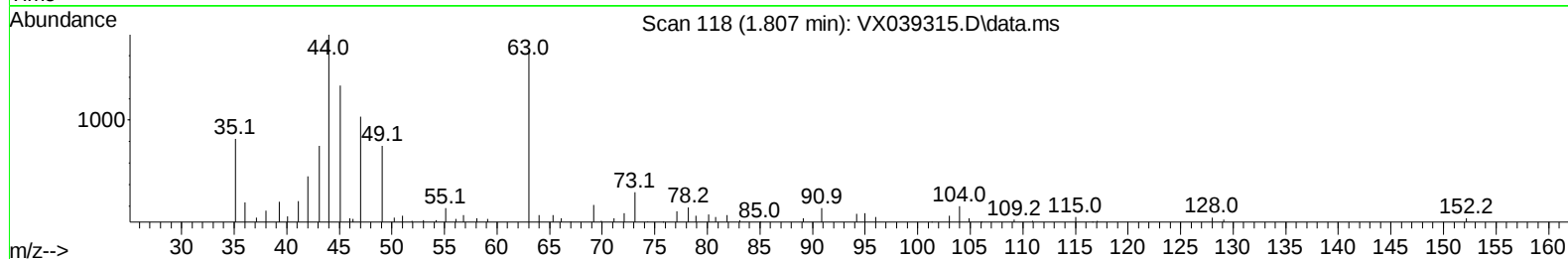
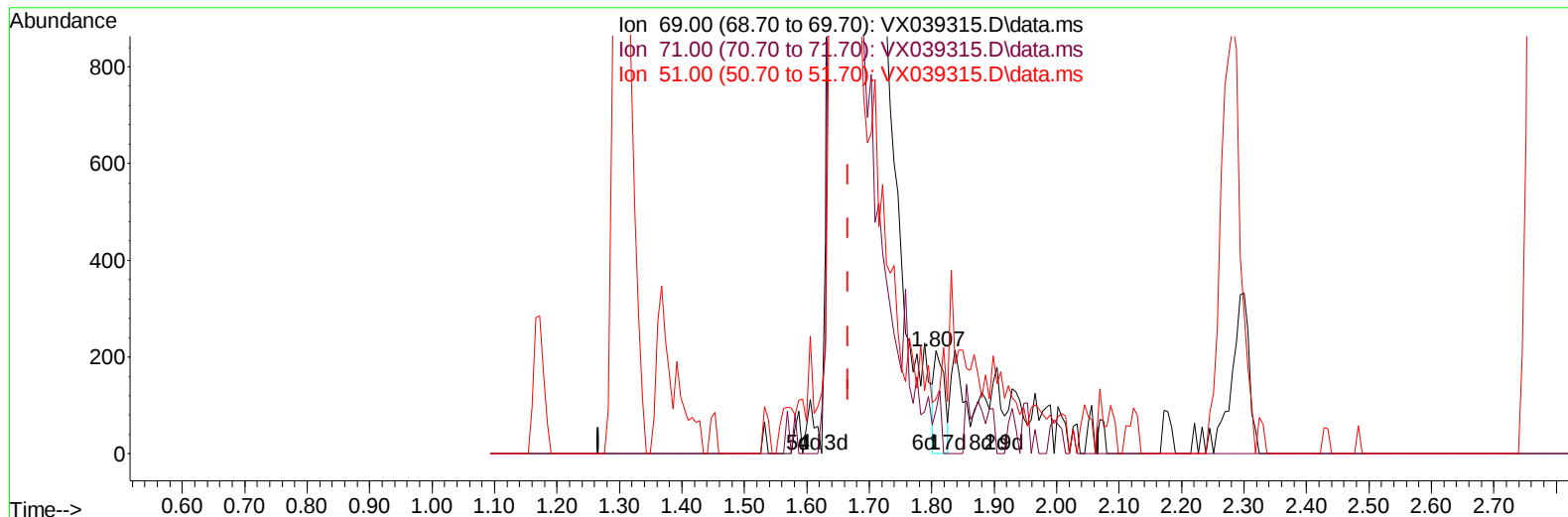
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
Data File : VX039315.D
Acq On : 18 Dec 2023 16:36
Operator : JC/MD
Sample : 05806-08MEMSD
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E0LQ8MEMSD

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:48:04 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

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



TIC: VX039315.D\data.ms

(7) Chloroethane-d5 (S)

1.807min (+ 0.140) 0.17 ug/L

response 230

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.10	34.78
51.00	27.90	24.78
0.00	0.00	0.00

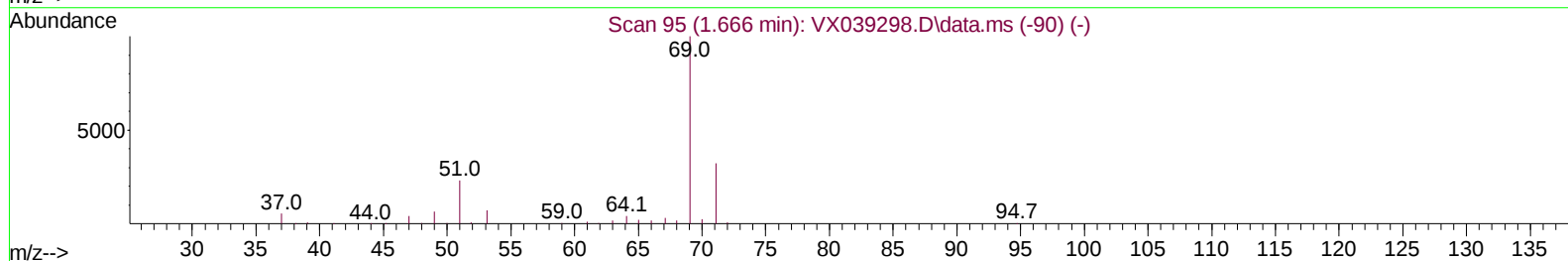
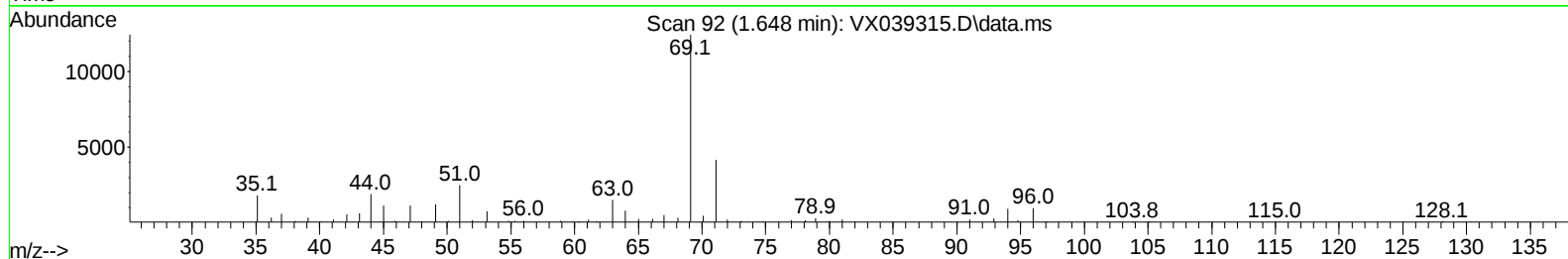
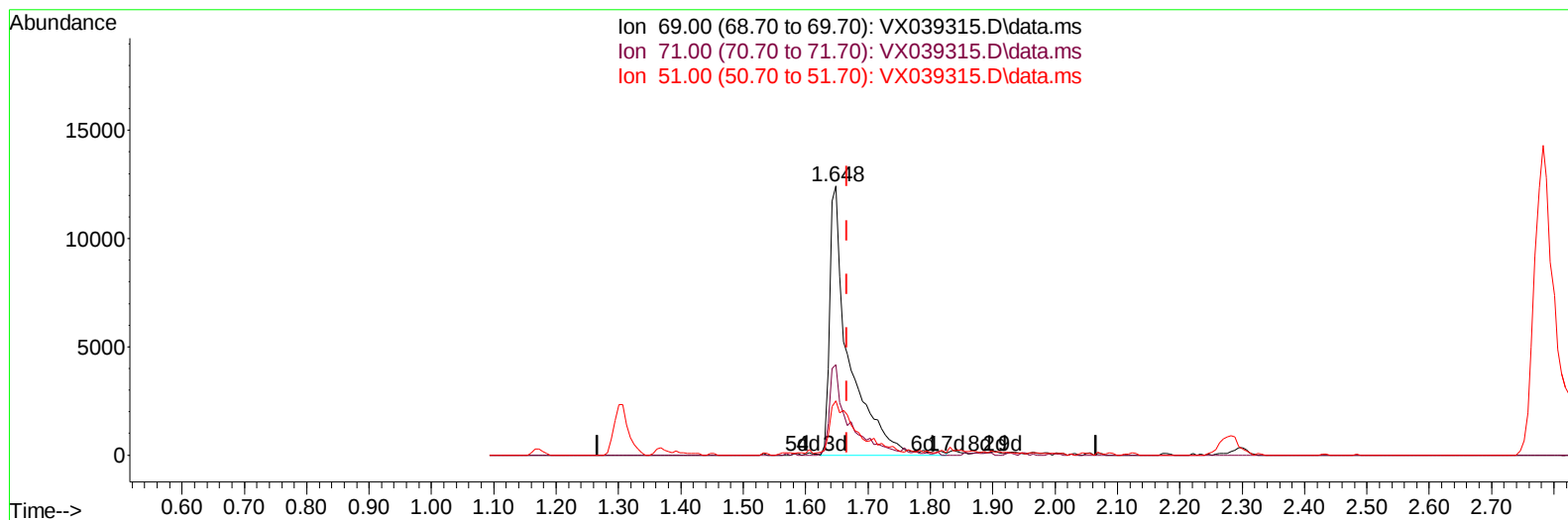
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
Data File : VX039315.D
Acq On : 18 Dec 2023 16:36
Operator : JC/MD
Sample : 05806-08MEMSD
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E0LQ8MEMSD

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:48:04 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

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



TIC: VX039315.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (-0.018) 19.69 ug/L m

response 26949

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.10	0.30#
51.00	27.90	0.21#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039315.D
 Acq On : 18 Dec 2023 16:36
 Operator : JC/MD
 Sample : 05806-08MEMSD
 Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E0LQ8MEMSD

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
 Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	236082	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	214490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67703	36.563	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	73.120%	
7) Chloroethane-d5	1.648	69	26949m	19.690	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	39.380%#	
11) 1,1-Dichloroethene-d2	2.276	65	32740	40.279	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	80.560%	
21) 2-Butanone-d5	4.495	46	151128	90.164	ug/L	0.04
Spiked Amount 100.000	Range 40	- 130	Recovery	=	90.160%	
24) Chloroform-d	5.062	84	154732	47.204	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.958	65	102904	48.474	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.940%	
32) Benzene-d6	5.970	84	297842	44.994	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.980%	
36) 1,2-Dichloropropane-d6	7.312	67	95012	44.600	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.200%	
41) Toluene-d8	8.647	98	258984	43.172	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	86.340%	
43) trans-1,3-Dichloroprop...	8.952	79	45858	42.301	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.600%	
47) 2-Hexanone-d5	9.397	63	113110	88.897	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	=	88.900%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138566	45.852	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.700%	
66) 1,2-Dichlorobenzene-d4	12.323	152	90266	43.750	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95968	50.973	ug/L	99
3) Chloromethane	1.301	50	97995	49.798	ug/L	100
5) Vinyl chloride	1.374	62	99129	51.112	ug/L	96
6) Bromomethane	1.599	94	35741	34.141	ug/L	100
8) Chloroethane	1.666	64	26689	24.341	ug/L	100
9) Trichlorofluoromethane	1.837	101	75022	29.847	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	92526	57.226	ug/L	99
12) 1,1-Dichloroethene	2.288	96	82962	54.549	ug/L	95
13) Acetone	2.416	43	154886	96.189	ug/L	94
14) Carbon disulfide	2.483	76	227817	47.073	ug/L	100
15) Methyl Acetate	2.721	43	130363	56.641	ug/L	98
16) Methylene chloride	2.782	84	95181	54.471	ug/L	95
17) trans-1,2-Dichloroethene	3.075	96	88613	55.299	ug/L	96
18) Methyl tert-butyl Ether	3.136	73	325905	58.429	ug/L	97
19) 1,1-Dichloroethane	3.599	63	178865	56.451	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	100772	54.218	ug/L	96
22) 2-Butanone	4.593	43	197324	99.852	ug/L	98
23) Bromochloromethane	4.898	128	41659	47.680	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039315.D
 Acq On : 18 Dec 2023 16:36
 Operator : JC/MD
 Sample : 05806-08MEMSD
 Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E0LQ8MEMSD

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
 Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	179236	56.714	ug/L	97
27) 1,2-Dichloroethane	6.086	62	152716	61.225	ug/L #	94
29) Cyclohexane	5.452	56	165371	55.115	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	149718	57.530	ug/L	99
31) Carbon tetrachloride	5.672	117	115791	53.329	ug/L	100
33) Benzene	6.031	78	376442	55.227	ug/L	100
34) Trichloroethene	7.123	95	100448	55.762	ug/L	96
35) Methylcyclohexane	7.373	83	163278	54.424	ug/L	96
37) 1,2-Dichloropropane	7.434	63	102835	54.398	ug/L	100
38) Bromodichloromethane	7.824	83	120940	52.598	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	160371	53.190	ug/L	99
40) 4-Methyl-2-pentanone	8.586	43	343392	108.384	ug/L	98
42) Toluene	8.720	91	385544	53.339	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	150674	53.851	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	94905	54.782	ug/L	98
46) Tetrachloroethene	9.275	164	63421	53.370	ug/L	97
48) 2-Hexanone	9.439	43	282712	106.614	ug/L	98
49) Dibromochloromethane	9.525	129	83373	49.399	ug/L	99
50) 1,2-Dibromoethane	9.610	107	99691	53.712	ug/L	97
51) Chlorobenzene	10.079	112	235721	52.795	ug/L	95
52) Ethylbenzene	10.195	91	434398	53.757	ug/L	100
53) m,p-Xylene	10.305	106	158131	52.339	ug/L	100
54) o-Xylene	10.640	106	152390	52.565	ug/L	97
55) Styrene	10.659	104	264326	53.287	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161734	53.494	ug/L	98
59) Bromoform	10.805	173	56382	43.950	ug/L	100
60) Isopropylbenzene	10.963	105	418099	52.419	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	128600	53.781	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	355716	52.825	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	355036	53.770	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	177415	51.968	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	181180	52.372	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	169728	51.973	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	38206	51.196	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	121757	53.929	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	115754	54.385	ug/L	99
71) Naphthalene	13.774	128	402340	55.119	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	113078	54.869	ug/L	98

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

Instrument :
MSVOA_X
ClientSampleId :
E0LQ8MEMSD

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

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

