

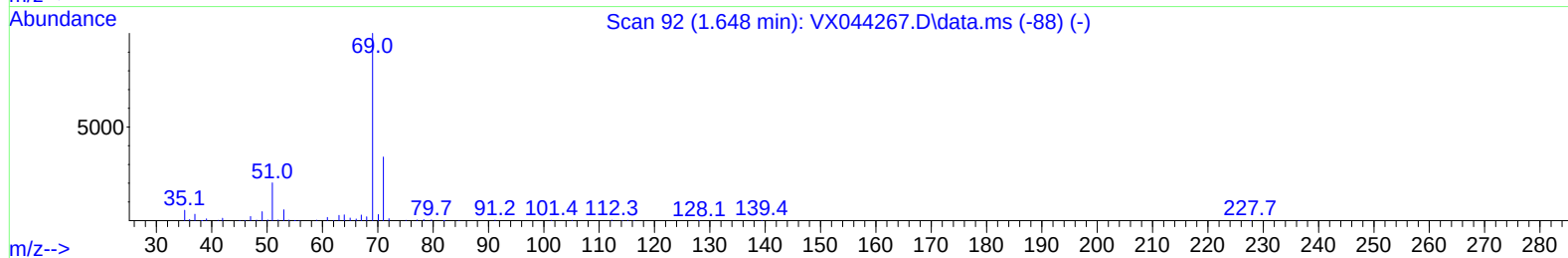
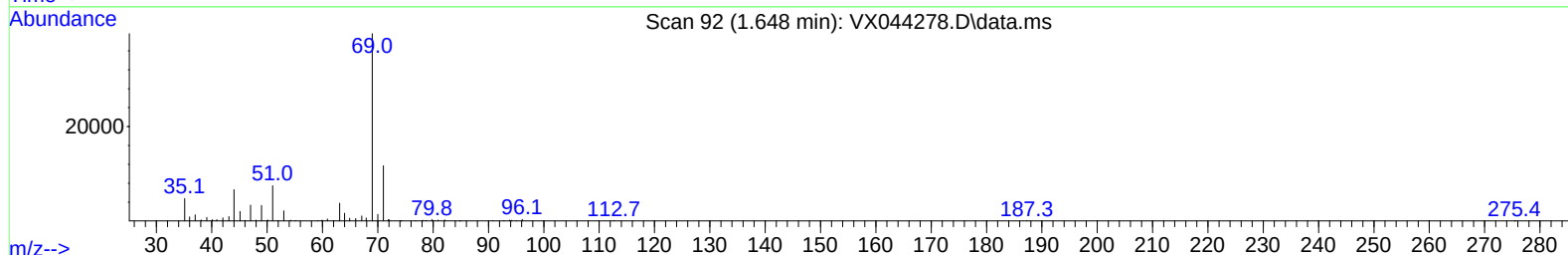
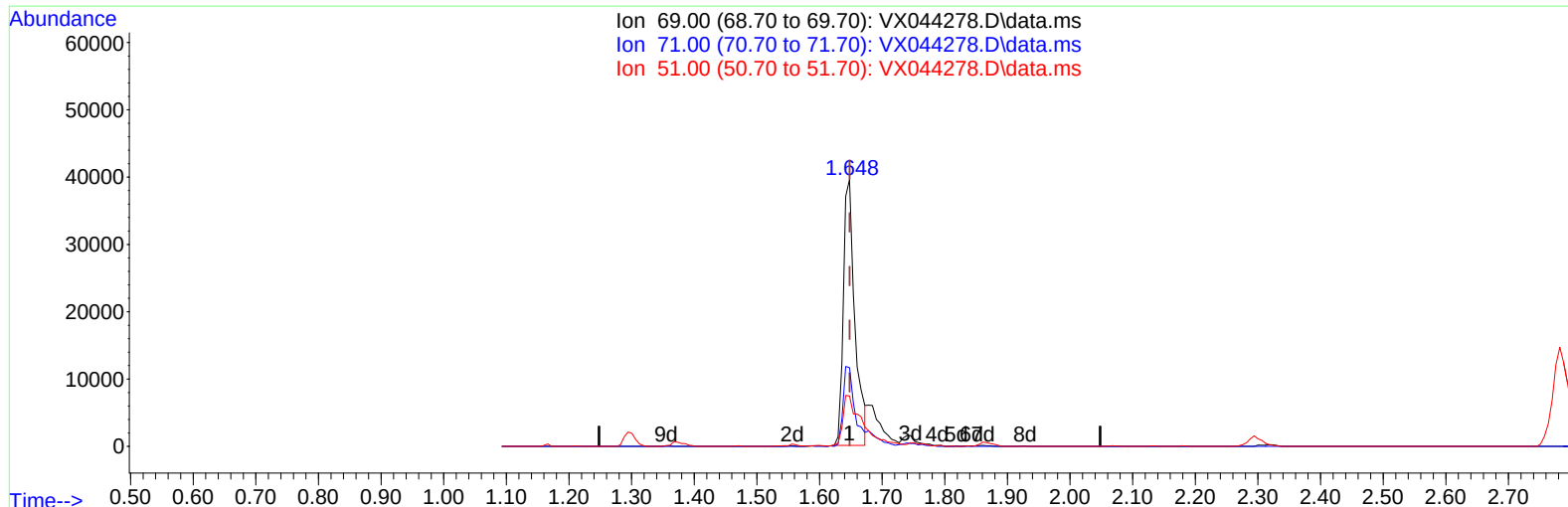
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
Data File : VX044278.D
Acq On : 13 Dec 2024 13:38
Operator : JC/MD
Sample : P5252-07MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F7J20MSD

Manual IntegrationsAPPROVED

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

Quant Time: Dec 13 22:48:43 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



TIC: VX044278.D\data.ms

(7) Chloroethane-d5 (S)

1.648min (-0.000) 34.55 ug/L

response 50608

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	36.66
51.00	28.20	20.10
0.00	0.00	0.00

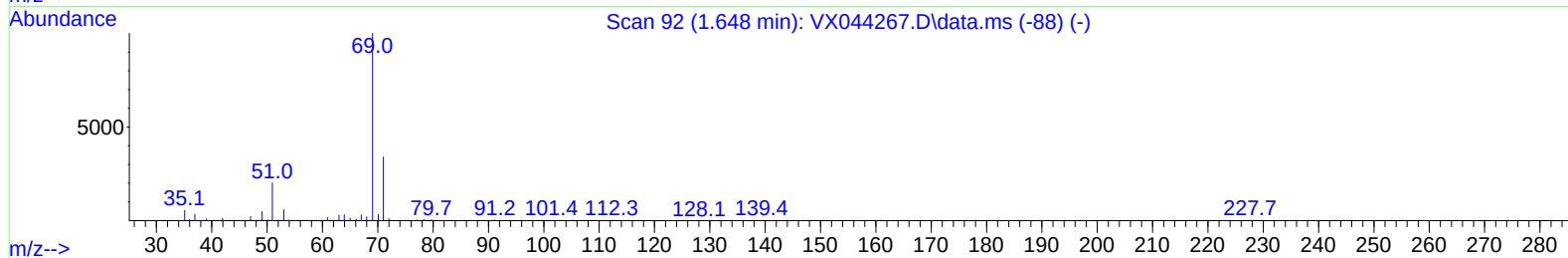
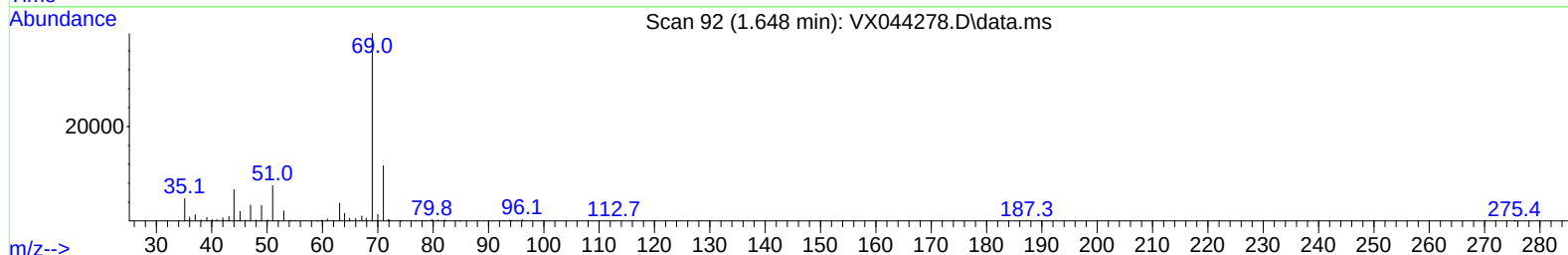
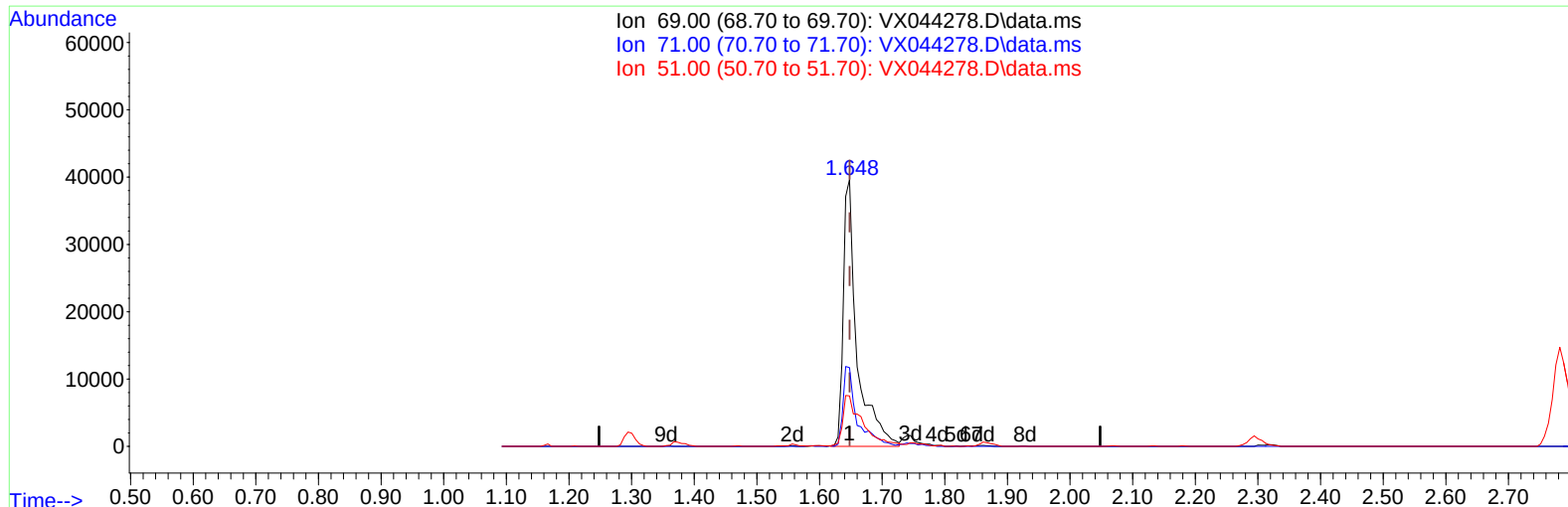
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(7) Chloroethane-d5 (S)

1.648min (-0.000) 41.36 ug/L m

response 60582

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	30.62
51.00	28.20	16.79#
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	206633	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	84743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74426	39.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.720%		
7) Chloroethane-d5	1.648	69	60582m	41.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.720%		
11) 1,1-Dichloroethene-d2	2.294	65	32582	40.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.580%		
21) 2-Butanone-d5	4.465	46	108095	93.368	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.370%		
24) Chloroform-d	5.050	84	167718	46.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
26) 1,2-Dichloroethane-d4	5.952	65	113863	44.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.700%		
32) Benzene-d6	5.970	84	291696	46.295	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
36) 1,2-Dichloropropane-d6	7.305	67	91435	46.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.460%		
41) Toluene-d8	8.647	98	255669	43.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.760%		
43) trans-1,3-Dichloroprop...	8.945	79	43133	45.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.760%		
47) 2-Hexanone-d5	9.384	63	73010	95.708	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.710%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	126999	48.410	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.820%		
66) 1,2-Dichlorobenzene-d4	12.317	152	90779	45.976	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78992	47.139	ug/L	99
3) Chloromethane	1.294	50	75983	49.152	ug/L	96
5) Vinyl chloride	1.374	62	79987	47.959	ug/L	95
6) Bromomethane	1.593	94	56381	49.737	ug/L	98
8) Chloroethane	1.660	64	49657	44.974	ug/L	97
9) Trichlorofluoromethane	1.867	101	139418	44.865	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	66648	48.699	ug/L	93
12) 1,1-Dichloroethene	2.306	96	60798	49.911	ug/L #	69
13) Acetone	2.386	43	67878	65.890	ug/L	92
14) Carbon disulfide	2.501	76	101259	43.881	ug/L	97
15) Methyl Acetate	2.703	43	76165	45.593	ug/L	96
16) Methylene chloride	2.782	84	70684	50.424	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	61456	48.441	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	245362	47.929	ug/L	97
19) 1,1-Dichloroethane	3.599	63	134749	50.629	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	77534	49.992	ug/L	93
22) 2-Butanone	4.562	43	103503	83.244	ug/L	97
23) Bromochloromethane	4.897	128	39153	51.766	ug/L	90
25) Chloroform	5.092	83	150038	50.088	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	122624	49.241	ug/L	96
29) Cyclohexane	5.458	56	110415	48.802	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	125615	50.746	ug/L	97
31) Carbon tetrachloride	5.672	117	98850	50.984	ug/L	98
33) Benzene	6.031	78	284389	51.357	ug/L	100
34) Trichloroethene	7.123	95	282352	186.761	ug/L	96
35) Methylcyclohexane	7.373	83	108394	49.493	ug/L	96
37) 1,2-Dichloropropane	7.427	63	76974	51.767	ug/L	100
38) Bromodichloromethane	7.818	83	98460	50.542	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	119617	51.361	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	213920	92.929	ug/L	94
42) Toluene	8.714	91	296789	50.583	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	109103	49.425	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	76030	49.896	ug/L	99
46) Tetrachloroethene	9.269	164	67134	66.568	ug/L	94
48) 2-Hexanone	9.433	43	158518	87.459	ug/L	94
49) Dibromochloromethane	9.518	129	67359	50.012	ug/L	98
50) 1,2-Dibromoethane	9.610	107	78987	50.195	ug/L	96
51) Chlorobenzene	10.079	112	184790	49.090	ug/L	99
52) Ethylbenzene	10.189	91	323653	50.078	ug/L	99
53) m,p-Xylene	10.299	106	120323	51.400	ug/L	96
54) o-Xylene	10.640	106	120481	50.050	ug/L	99
55) Styrene	10.652	104	197505	50.306	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	118929	50.313	ug/L #	97
59) Bromoform	10.799	173	40045	47.095	ug/L	97
60) Isopropylbenzene	10.957	105	317892	48.613	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	90055	45.882	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	261977	48.275	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	260485	48.909	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	131659	48.548	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	132971	48.997	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	136203	49.464	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.939	75	20115	45.093	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	80659	47.670	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	72755	48.272	ug/L	98
71) Naphthalene	13.774	128	278217	45.278	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	77434	48.363	ug/L	99

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

