

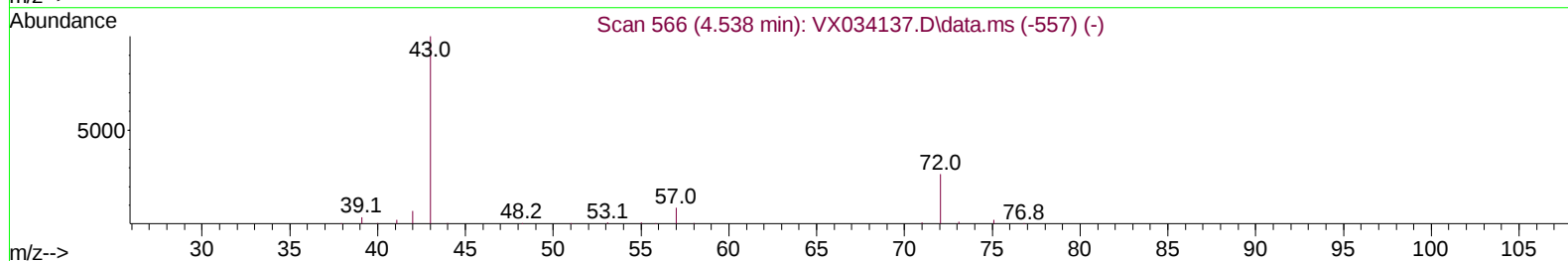
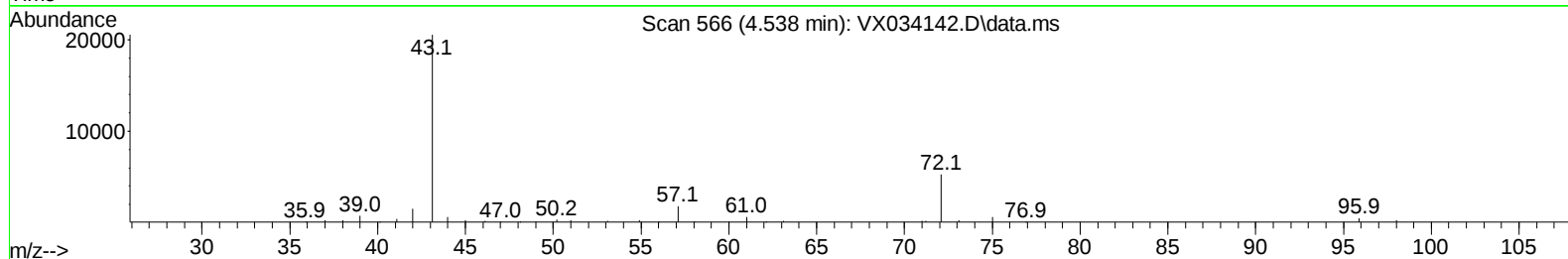
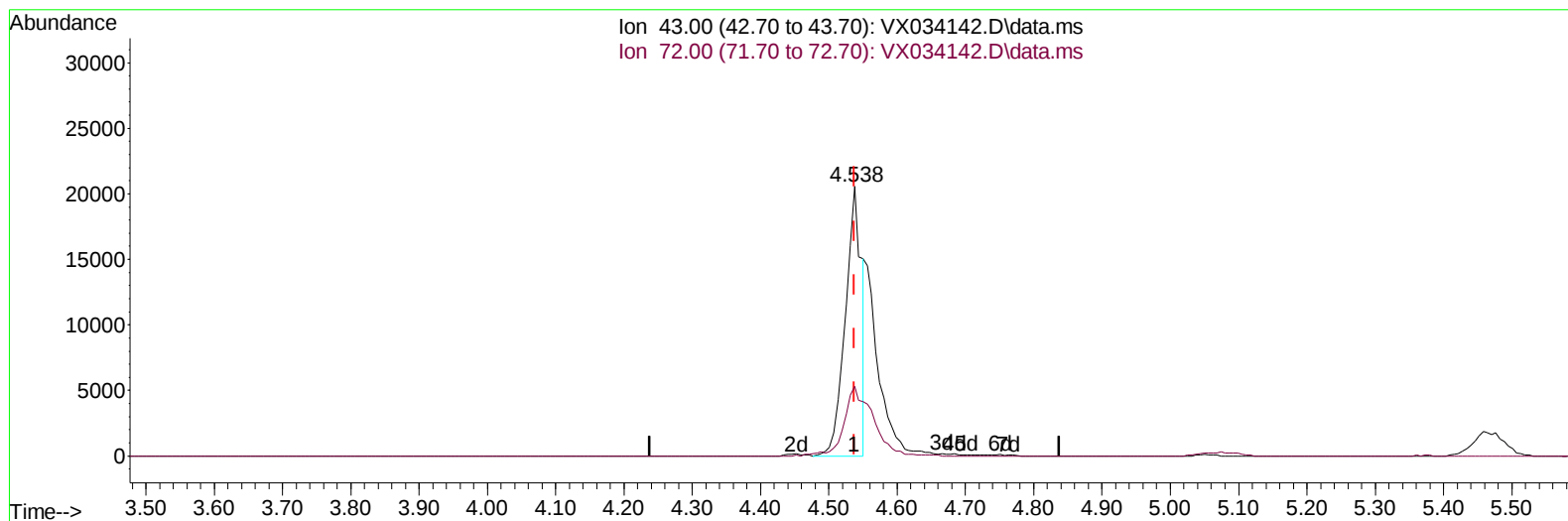
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
Data File : VX034142.D
Acq On : 13 Feb 2023 14:02
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VICV625

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 00:04:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021323WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 13 13:44:02 2023
Response via : Initial Calibration



TIC: VX034142.D\data.ms

(22) 2-Butanone (T)

4.538min (-0.000) 61.54 ug/L

response 34180

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.40	43.56#
0.00	0.00	0.00
0.00	0.00	0.00

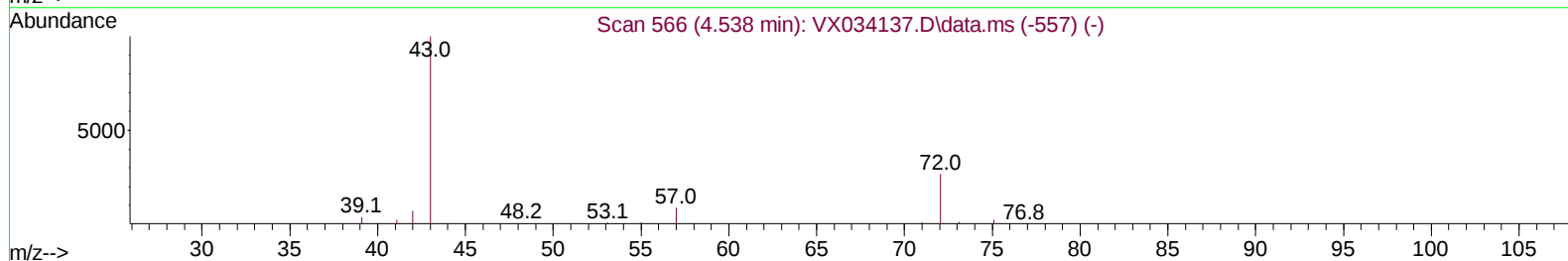
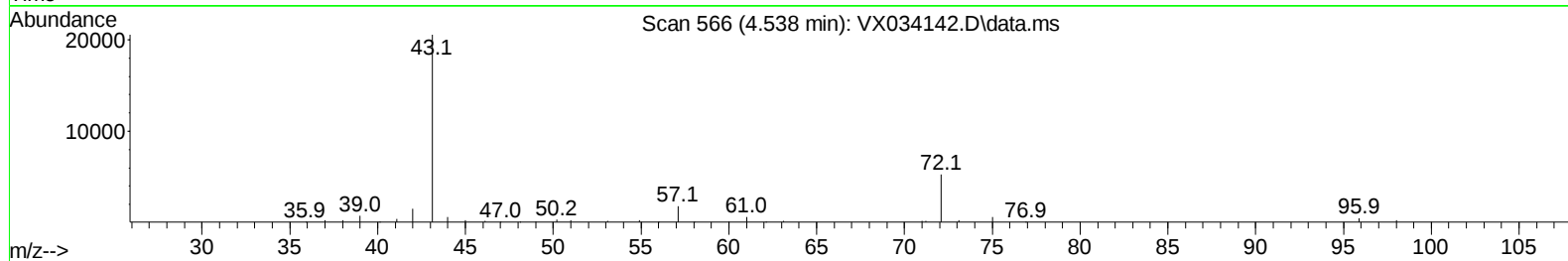
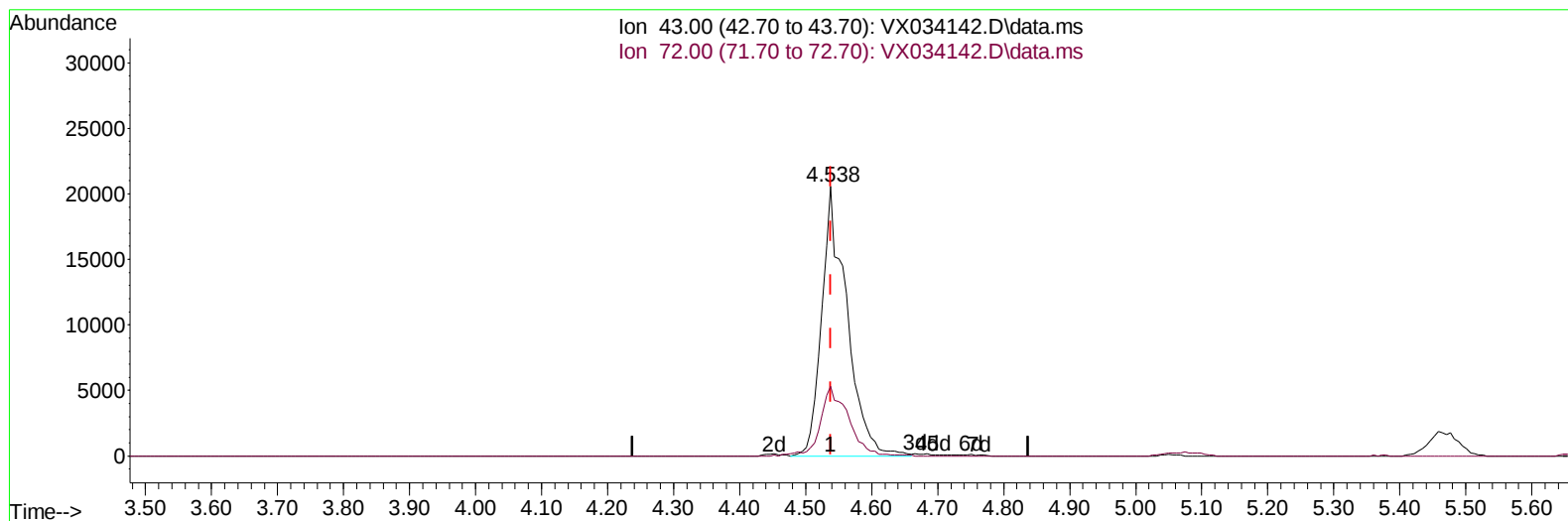
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(22) 2-Butanone (T)

4.538min (-0.000) 98.02 ug/L m

response 54445

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.40	27.35
0.00	0.00	0.00
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	159940	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	138919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30658	44.134	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	88.260%	
7) Chloroethane-d5	1.666	69	23992	46.974	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	93.940%	
11) 1,1-Dichloroethene-d2	2.306	63	84651	47.674	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.340%	
21) 2-Butanone-d5	4.440	46	49696	91.312	ug/L	-0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	91.310%	
24) Chloroform-d	5.050	84	75025	37.413	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	74.820%	
26) 1,2-Dichloroethane-d4	5.952	65	59374	43.507	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.020%	
32) Benzene-d6	5.970	84	172542	42.288	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	84.580%	
36) 1,2-Dichloropropane-d6	7.299	67	61017	47.723	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	95.440%	
41) Toluene-d8	8.647	98	201880	53.047	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.100%	
43) trans-1,3-Dichloroprop...	8.945	79	31172	52.872	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	105.740%	
47) 2-Hexanone-d5	9.378	63	49577	106.844	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	106.840%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	80027	47.325	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.640%	
66) 1,2-Dichlorobenzene-d4	12.317	152	86361	48.868	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.740%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	91791	53.566	ug/L	99
3) Chloromethane	1.294	50	34126	47.765	ug/L	98
5) Vinyl chloride	1.374	62	35370	47.115	ug/L	100
6) Bromomethane	1.605	94	26781	51.374	ug/L	95
8) Chloroethane	1.685	64	21098	51.488	ug/L	98
9) Trichlorofluoromethane	1.886	101	77198	50.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	50117	52.141	ug/L	96
12) 1,1-Dichloroethene	2.319	96	42763	51.623	ug/L	90
13) Acetone	2.373	43	37089	98.660	ug/L	95
14) Carbon disulfide	2.514	76	97508	42.808	ug/L	98
15) Methyl Acetate	2.697	43	37563	48.968	ug/L	97
16) Methylene chloride	2.788	84	43307	50.264	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	43924	51.883	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	140435	52.389	ug/L	96
19) 1,1-Dichloroethane	3.605	63	73632	48.666	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	51313	50.988	ug/L	96
22) 2-Butanone	4.538	43	54445m	98.024	ug/L	
23) Bromochloromethane	4.891	128	22836	39.137	ug/L #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.086	83	73671	40.789	ug/L	96
27) 1,2-Dichloroethane	6.080	62	79792	51.519	ug/L	95
29) Cyclohexane	5.458	56	62307	42.304	ug/L	91
30) 1,1,1-Trichloroethane	5.373	97	81481	47.712	ug/L	98
31) Carbon tetrachloride	5.672	117	78466	47.983	ug/L	100
33) Benzene	6.031	78	186517	47.208	ug/L	100
34) Trichloroethene	7.116	95	63157	52.048	ug/L	97
35) Methylcyclohexane	7.373	83	103550	53.677	ug/L	98
37) 1,2-Dichloropropane	7.427	63	54361	51.020	ug/L	98
38) Bromodichloromethane	7.818	83	78043	52.772	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	92679	57.013	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	136056	114.964	ug/L	98
42) Toluene	8.714	91	243415	59.720	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	86512	58.294	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	59281	57.138	ug/L	99
46) Tetrachloroethene	9.269	164	61852	56.717	ug/L	95
48) 2-Hexanone	9.427	43	102992	115.659	ug/L	99
49) Dibromochloromethane	9.518	129	68069	55.387	ug/L	97
50) 1,2-Dibromoethane	9.604	107	64943	55.142	ug/L	99
51) Chlorobenzene	10.079	112	164496	53.868	ug/L	97
52) Ethylbenzene	10.189	91	273242	54.377	ug/L	98
53) m,p-Xylene	10.299	106	109156	53.719	ug/L	95
54) o-Xylene	10.640	106	104239	52.107	ug/L	92
55) Styrene	10.652	104	177346	52.490	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	81883	51.346	ug/L	98
59) Bromoform	10.799	173	57071	54.097	ug/L	99
60) Isopropylbenzene	10.963	105	288183	54.590	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	62452	52.082	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	240765	54.582	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	233675	54.902	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	142978	54.207	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	143884	53.445	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	138343	53.756	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	17297	50.793	ug/L	83
69) 1,3,5-Trichlorobenzene	13.109	180	111012	54.285	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96897	52.561	ug/L	98
71) Naphthalene	13.774	128	214785	42.891	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	68547	37.805	ug/L	99

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

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