

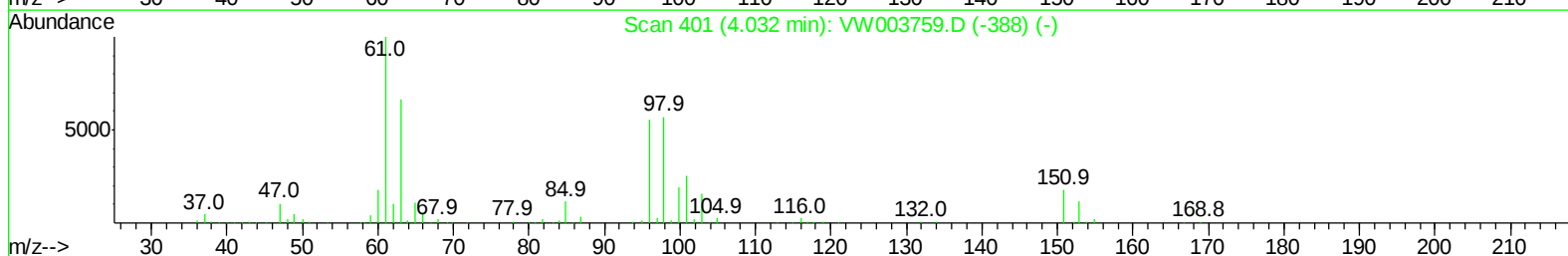
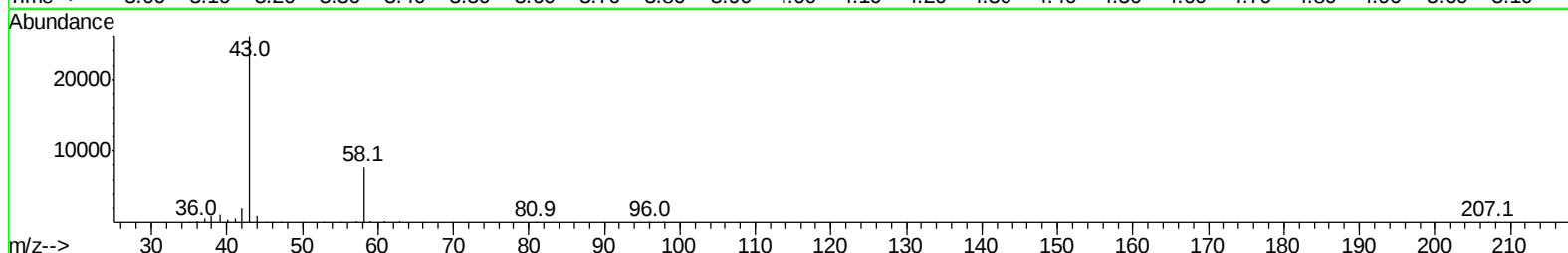
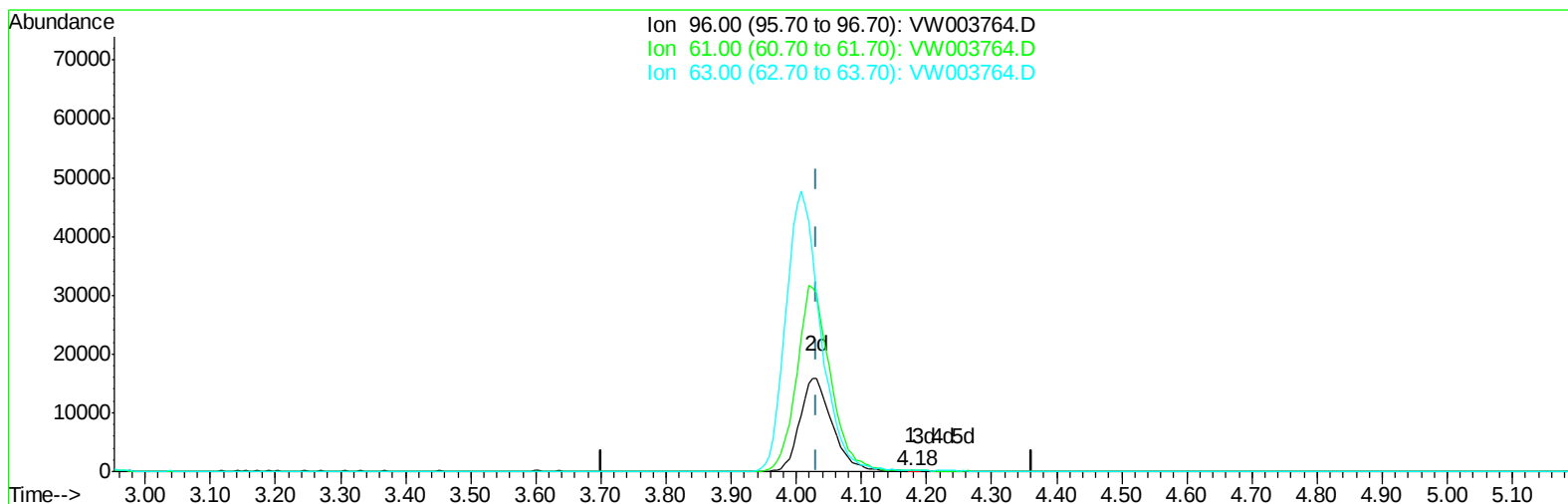
Data File : VW003764.D
Acq On : 07 Jul 2018 13:19
Operator : SY/AP
Sample : J3661-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
X2D24

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:57:23 PM

Quant Time: Jul 09 09:41:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 09 09:32:49 2018
Response via : Initial Calibration



TIC: VW003764.D

(12) 1,1-Dichloroethene (T)

4.178min (+0.146) 0.03ug/L

response 97

Ion	Exp%	Act%
96.00	100	100
61.00	180.30	129.32
63.00	122.60	157.89
0.00	0.00	0.00

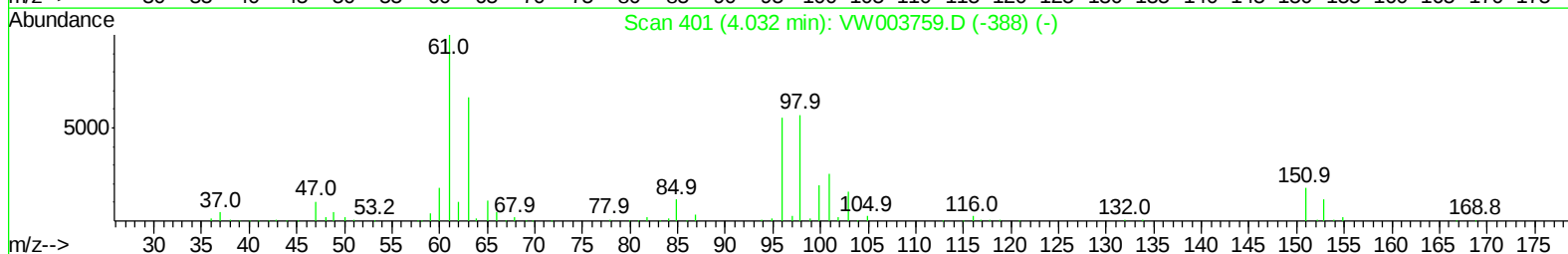
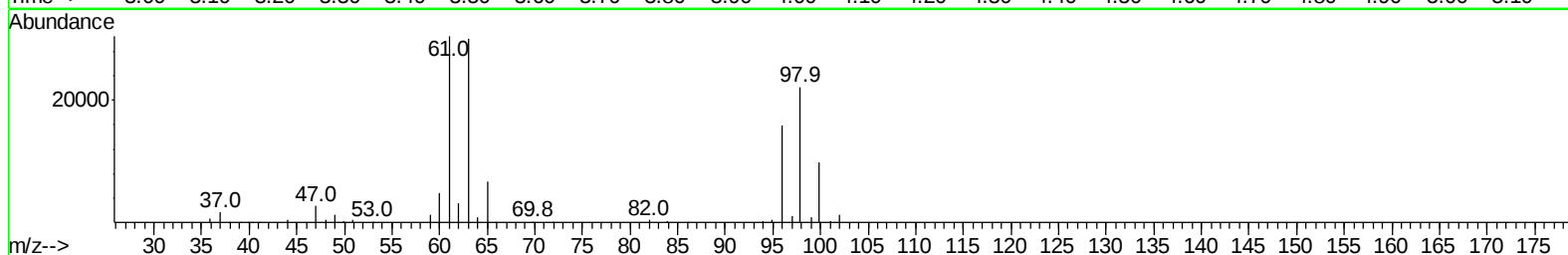
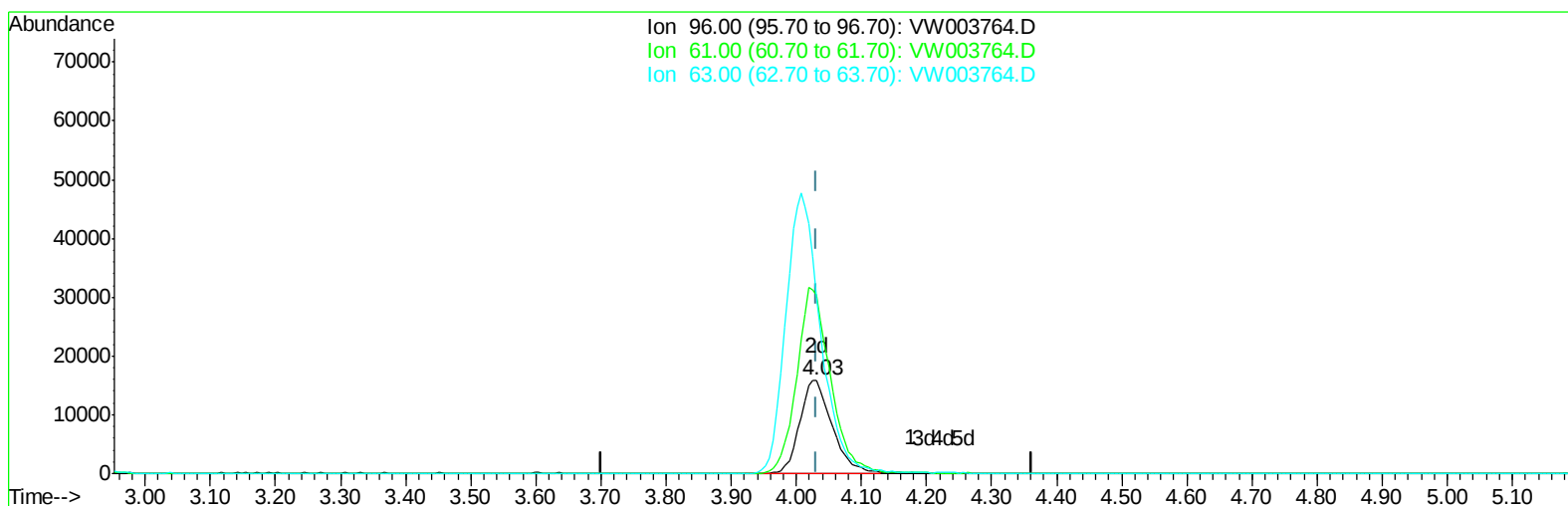
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(12) 1,1-Dichloroethene (T)

4.031min (-0.000) 15.46ug/L m

response 55221

Ion	Exp%	Act%
96.00	100	100
61.00	180.30	191.82
63.00	122.60	189.20#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	292089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	145027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	96645	27.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.08%
7) Chloroethane-d5	2.89	69	82971	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
10) 1,1-Dichloroethene-d2	4.01	63	177272	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.09	46	92023	75.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.66%#
24) Chloroform-d	7.65	84	194406	26.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.28%
26) 1,2-Dichloroethane-d4	8.31	65	119528	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.27	84	367640	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	118953	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.40%
37) Toluene-d8	10.33	98	356172	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.64%
38) trans-1,3-Dichloropropene-	10.58	79	56027	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.36%
39) 2-Hexanone-d5	10.93	63	68967	77.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.38%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	128387	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	131244	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	30301	24.253 ug/L	# 73
5) Vinyl chloride	2.35	62	65084	15.283 ug/L	98
8) Chloroethane	2.92	64	56035	22.102 ug/L	98
12) 1,1-Dichloroethene	4.03	96	55347m	15.496 ug/L	
13) Acetone	4.14	43	291919	236.660 ug/L	99
14) Carbon disulfide	4.37	76	275053	23.770 ug/L	99
16) Methylene chloride	4.91	84	134965	32.338 ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	109886	28.783 ug/L	97
19) 1,1-Dichloroethane	6.21	63	83435	11.590 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	139438	34.305 ug/L	95
23) Bromochloromethane	7.51	128	80451	43.054 ug/L	95
25) Chloroform	7.68	83	92758	12.546 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	267418	43.663 ug/L	100
32) Carbon tetrachloride	8.07	117	98180	16.939 ug/L	100
35) Trichloroethene	9.09	95	147129	33.732 ug/L	99
40) 1,2-Dichloropropane	9.37	63	88507	20.427 ug/L	100
41) Bromodichloromethane	9.65	83	72749	13.278 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	10.07	75	75151	11.716	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	174713	57.972	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	124862	21.421	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	37275	11.586	ug/L	96
47) Tetrachloroethene	10.87	164	78064	21.999	ug/L	98
49) 2-Hexanone	10.98	43	198070	86.796	ug/L	98
50) Dibromochloromethane	11.13	129	52348	13.655	ug/L	100
51) 1,2-Dibromoethane	11.24	107	72170	23.027	ug/L	94
56) Styrene	12.19	104	226440	19.106	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.72	83	151228	35.805	ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	18919	5.865	ug/L	90
62) Bromoform	12.35	173	54907	22.640	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	242659	27.030	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	43077	56.215	ug/L	93
70) 1,2,3-Trichlorobenzene	15.57	180	50253	9.522	ug/L	96

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

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