

Data File : VW005516.D
Acq On : 19 Sep 2018 15:50
Operator : SY/AP
Sample : VSTD00592
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

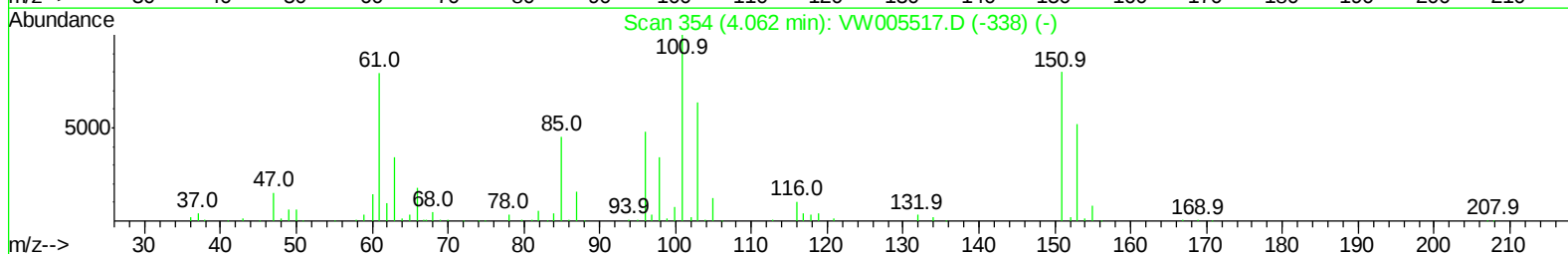
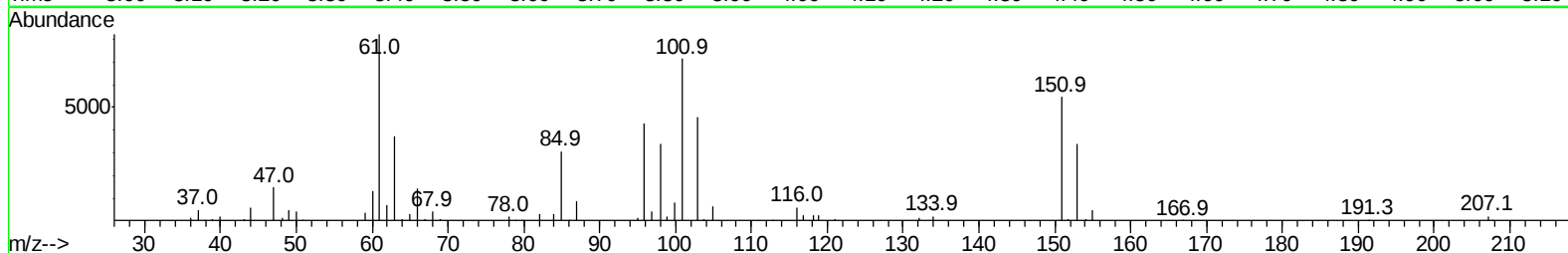
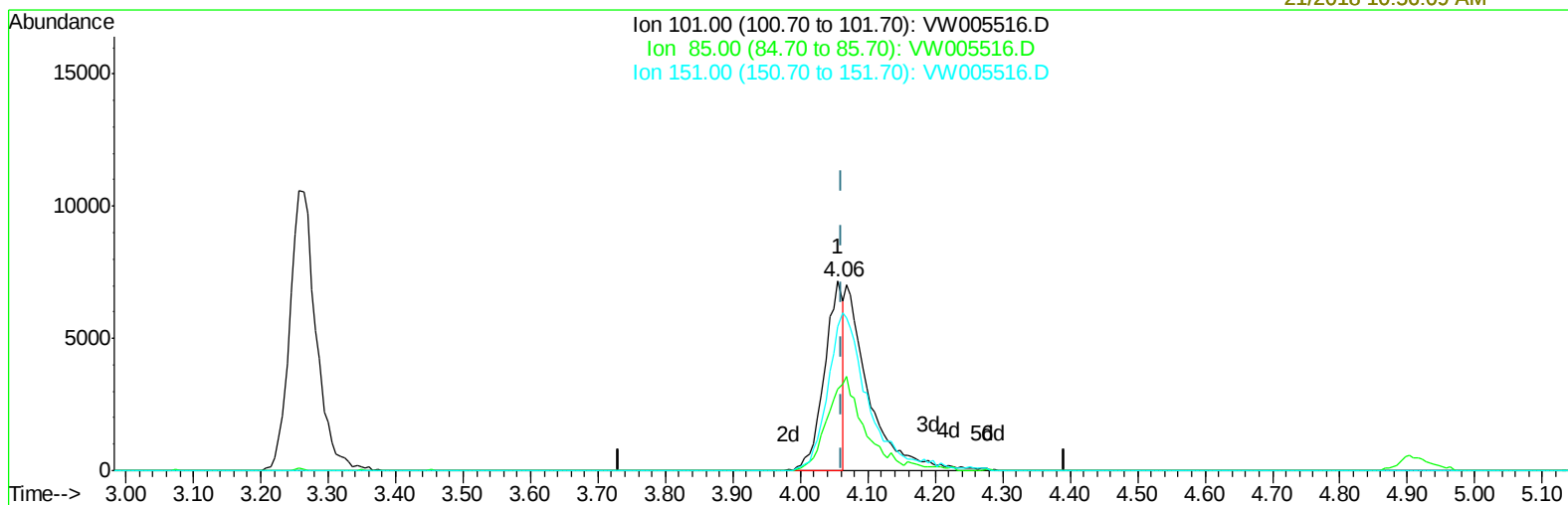
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Manual Integrations
APPROVED

apatel
9/21/2018 10:56:09 AM

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21/2018 10:56:09 AM

Quant Time: Sep 19 17:20:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 17:19:22 2018
Response via : Initial Calibration



TIC: VW005516.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.056min (-0.006) 2.18ug/L

response 13498

Ion	Exp%	Act%
101.00	100	100
85.00	43.40	94.40#
151.00	76.40	161.65#
0.00	0.00	0.00

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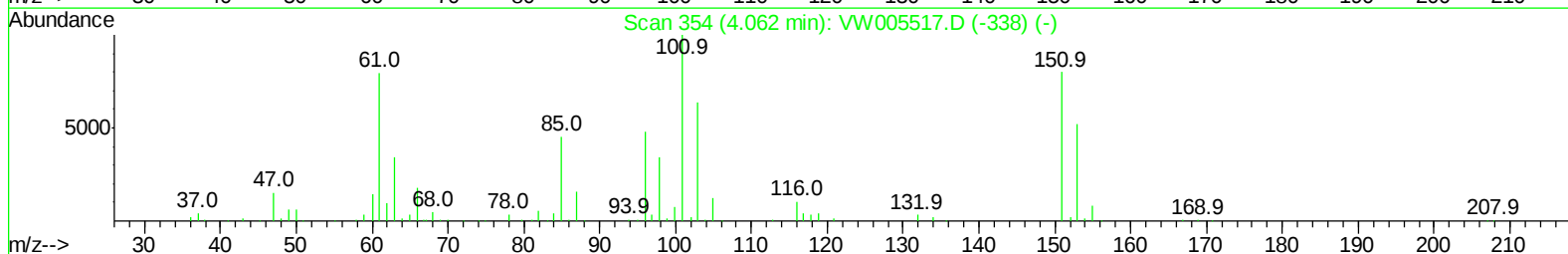
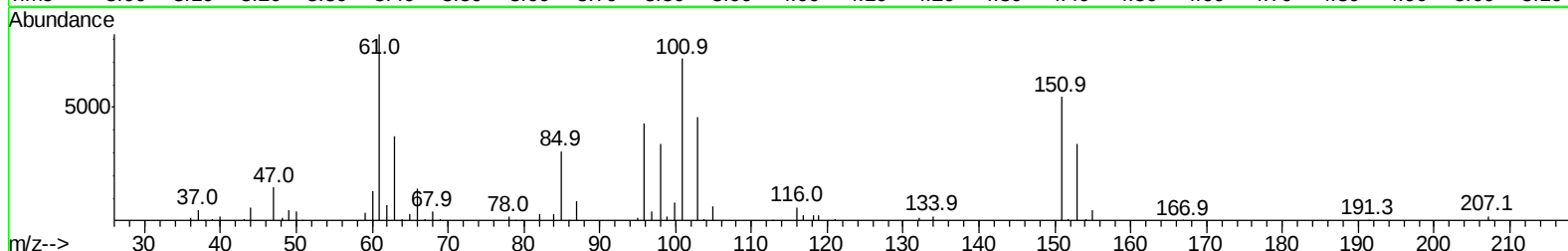
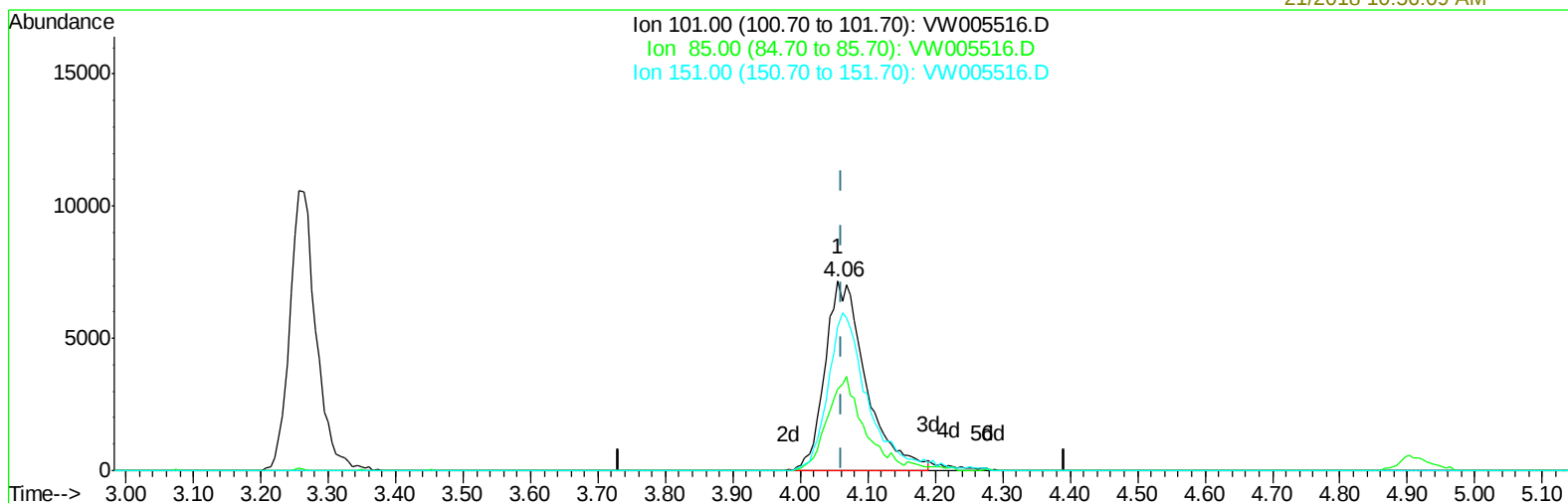
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TIC: VW005516.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.056min (-0.006) 4.90ug/L m

response 30268

Ion	Exp%	Act%
101.00	100	100
85.00	43.40	42.10
151.00	76.40	72.09
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	480484	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	226275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14352	2.59	ug/L	0.00
7) Chloroethane-d5	2.89	69	15692	4.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	46771	4.72	ug/L	0.00
20) 2-Butanone-d5	7.09	46	12629	6.05	ug/L	0.00
24) Chloroform-d	7.65	84	40479	4.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	24226	4.23	ug/L	0.00
29) Benzene-d6	8.27	84	77750	4.24	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	23839	4.55	ug/L	0.00
37) Toluene-d8	10.33	98	71112	3.83	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10628	4.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9227	5.66	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21209	3.87	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	26466	3.90	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25162	2.540	ug/L	92
3) Chloromethane	2.22	50	32797	3.596	ug/L	95
5) Vinyl chloride	2.37	62	23438	2.697	ug/L	97
6) Bromomethane	2.78	94	19099	4.242	ug/L	97
8) Chloroethane	2.92	64	19864	4.304	ug/L	97
9) Trichlorofluoromethane	3.26	101	28607	2.528	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	30268m	4.896	ug/L	
12) 1,1-Dichloroethene	4.03	96	26378	5.045	ug/L #	80
13) Acetone	4.14	43	22815	11.635	ug/L	94
14) Carbon disulfide	4.38	76	81100	3.951	ug/L	100
15) Methyl Acetate	4.67	43	19654	4.543	ug/L	96
16) Methylene chloride	4.92	84	40431	4.431	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	45087	3.106	ug/L #	85
18) trans-1,2-Dichloroethene	5.42	96	29660	5.080	ug/L	98
19) 1,1-Dichloroethane	6.21	63	58558	5.488	ug/L	96
21) 2-Butanone	7.18	43	27560	9.171	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	33128	5.316	ug/L	98
23) Bromochloromethane	7.51	128	15151	5.217	ug/L	96
25) Chloroform	7.68	83	59147	5.271	ug/L	99
27) 1,2-Dichloroethane	8.40	62	43180	4.958	ug/L #	94
30) Cyclohexane	7.96	56	50514	4.899	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	49744	4.791	ug/L	99
32) Carbon tetrachloride	8.07	117	46361	4.813	ug/L	99
34) Benzene	8.32	78	129434	5.087	ug/L	100
35) Trichloroethene	9.10	95	33405	4.947	ug/L	98
36) Methylcyclohexane	9.34	83	58447	4.986	ug/L	98
40) 1,2-Dichloropropane	9.37	63	33965	5.407	ug/L	98
41) Bromodichloromethane	9.65	83	41383	5.140	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	47474	5.117	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	49465	8.237	ug/L	98

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44) Toluene	10.39	91	134027	4.597	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	43760	5.034	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	25467	5.165	ug/L	99
47) Tetrachloroethene	10.87	164	28129	4.600	ug/L	99
49) 2-Hexanone	10.98	43	35569	8.057	ug/L	99
50) Dibromochloromethane	11.13	129	28310	4.806	ug/L	94
51) 1,2-Dibromoethane	11.24	107	24533	5.070	ug/L	91
52) Chlorobenzene	11.66	112	89987	4.730	ug/L	97
53) Ethylbenzene	11.74	91	155279	4.580	ug/L	99
54) m,p-Xylene	11.85	106	56993	4.489	ug/L	97
55) o-xylene	12.17	106	53866	4.518	ug/L	97
56) Styrene	12.19	104	92799	4.510	ug/L	97
57) Isopropylbenzene	12.47	105	149395	4.511	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	34288	5.058	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	26533	4.579	ug/L	99
62) Bromoform	12.35	173	18380	4.848	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	70990	4.934	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	73256	4.933	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	66869	4.855	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	6165	4.125	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	55588	4.879	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	44976	4.776	ug/L	99
69) Naphthalene	15.38	128	88602	4.295	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	43171	4.878	ug/L	99

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

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