

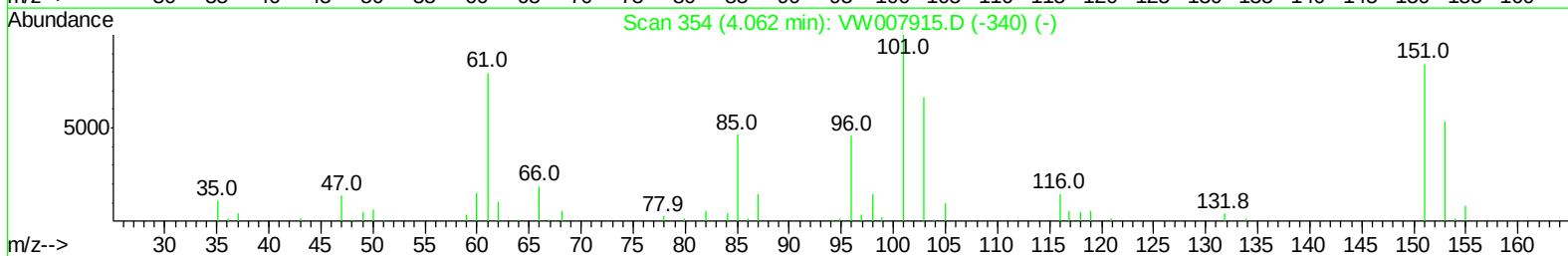
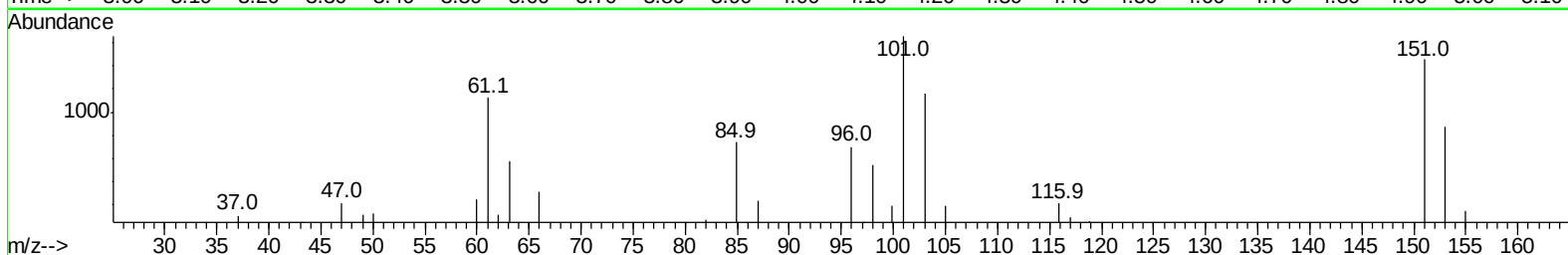
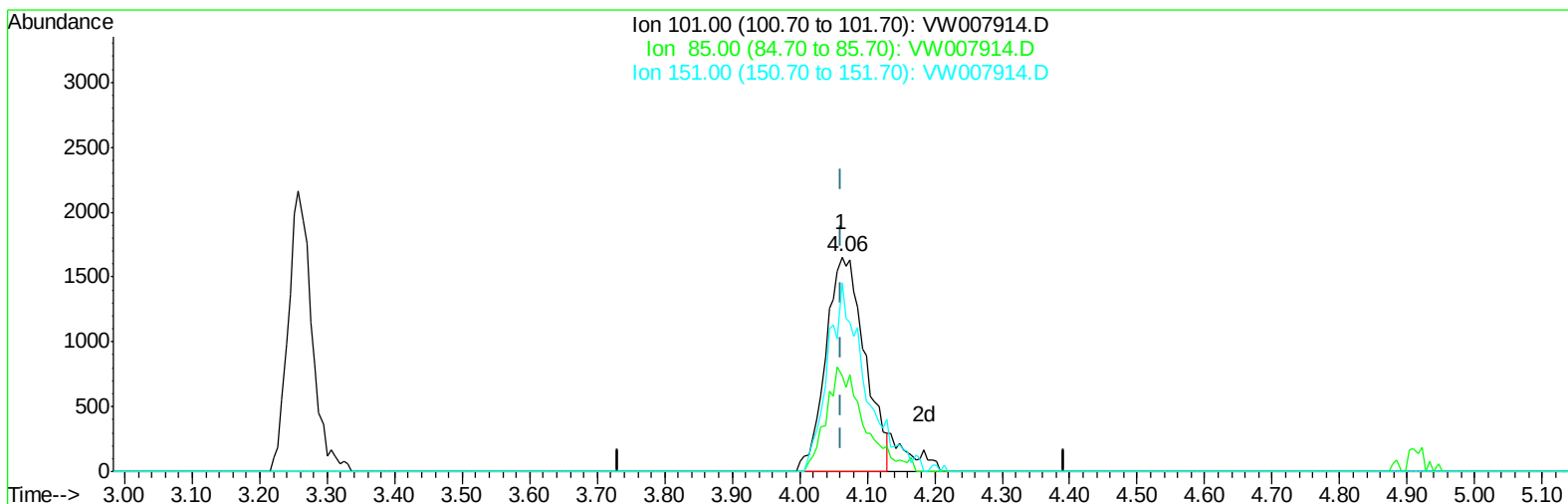
Data File : VW007914.D
Acq On : 26 Dec 2018 09:16
Operator : SY/AP
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

Manual Integrations
APPROVED

MMDadoda
12/27/2018 4:48:24 PM

Quant Time: Dec 26 10:36:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 26 10:32:54 2018
Response via : Initial Calibration



TIC: VW007914.D

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

4.062min (+0.000) 4.33ug/L

response 6643

Ion	Exp%	Act%
101.00	100	100
85.00	41.80	24.67#
151.00	79.00	7.69#
0.00	0.00	0.00

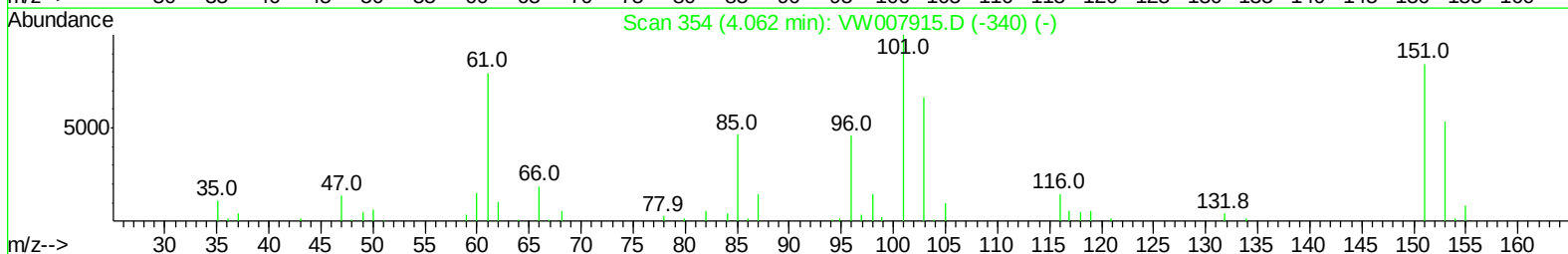
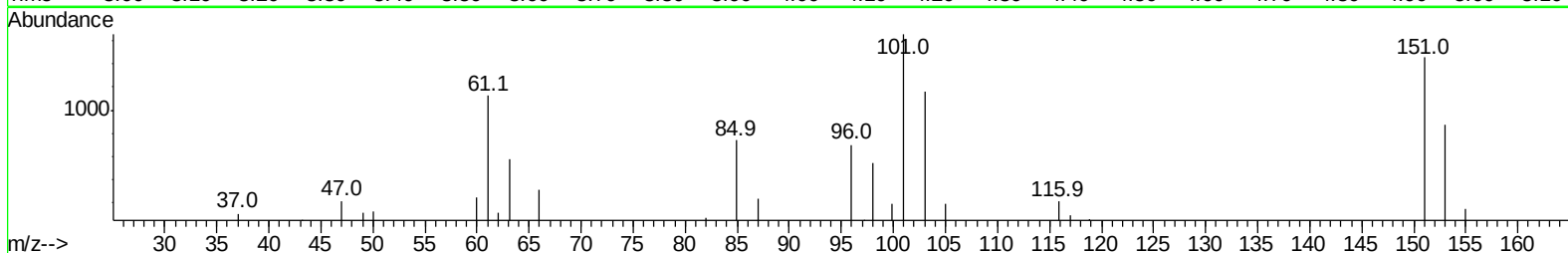
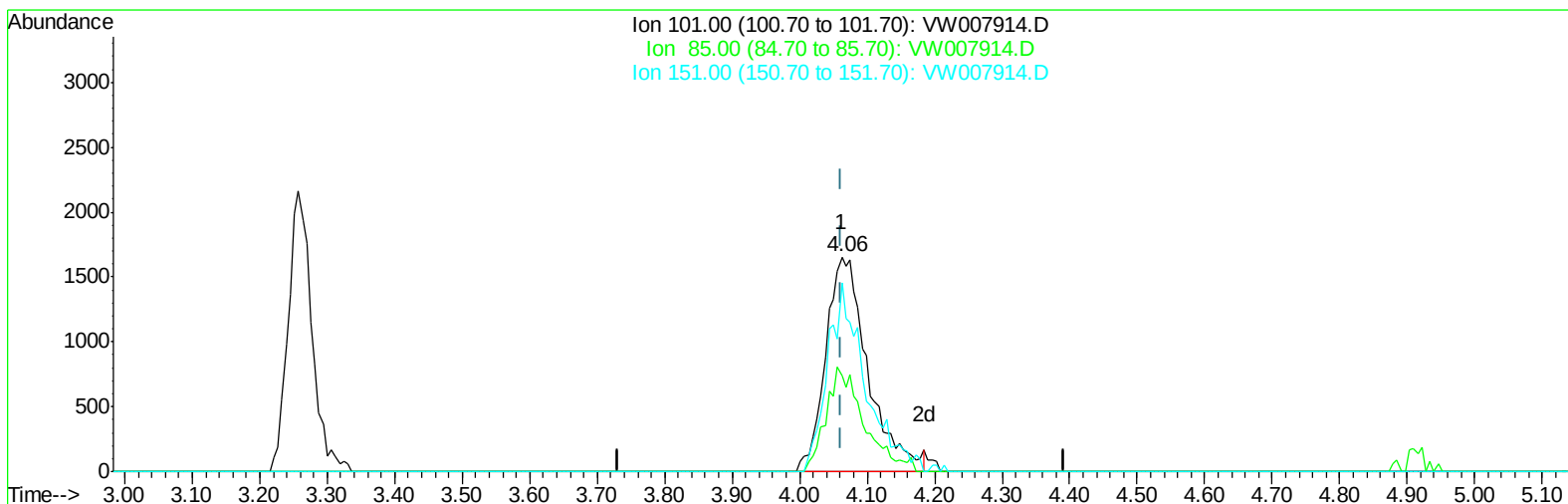
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(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.062min (+0.000) 4.69ug/L m

response 7190

Ion	Exp%	Act%
101.00	100	100
85.00	41.80	22.80#
151.00	79.00	7.11#
0.00	0.00	0.00

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Quant Time: Dec 26 10:42:22 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	121418	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	4451	5.63	ug/L	0.00
7) Chloroethane-d5	2.89	69	3003	4.48	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	12096	4.43	ug/L	0.00
20) 2-Butanone-d5	7.09	46	2989	6.00	ug/L	0.01
24) Chloroform-d	7.65	84	12563	4.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	7084	4.35	ug/L	0.00
29) Benzene-d6	8.27	84	23157	3.94	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	6470	3.86	ug/L	0.00
37) Toluene-d8	10.32	98	22281	4.04	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	3471	4.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	2492	6.17	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	5566	3.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	8394	4.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	5831	4.397 ug/L	95
3) Chloromethane	2.21	50	4868	4.586 ug/L	92
5) Vinyl chloride	2.37	62	6774	6.764 ug/L	98
6) Bromomethane	2.79	94	3638	5.252 ug/L	96
8) Chloroethane	2.93	64	3225	5.350 ug/L	93
9) Trichlorofluoromethane	3.26	101	5102	4.438 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	7190m	4.692 ug/L	
12) 1,1-Dichloroethene	4.03	96	6550	4.594 ug/L	98
13) Acetone	4.12	43	3619	6.243 ug/L	96
14) Carbon disulfide	4.37	76	20173	4.845 ug/L	99
15) Methyl Acetate	4.67	43	3083	3.547 ug/L	99
16) Methylene chloride	4.91	84	15015	7.653 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	11311	4.878 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	6976	4.560 ug/L	92
19) 1,1-Dichloroethane	6.21	63	11515	4.416 ug/L	91
21) 2-Butanone	7.17	43	4107	6.592 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	7324	4.351 ug/L	96
23) Bromochloromethane	7.51	128	3248	4.232 ug/L	95
25) Chloroform	7.68	83	12787	4.532 ug/L	98
27) 1,2-Dichloroethane	8.40	62	9264	4.593 ug/L	97
30) Cyclohexane	7.96	56	11178	4.307 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	11981	4.705 ug/L	99
32) Carbon tetrachloride	8.07	117	11710	4.759 ug/L	99
34) Benzene	8.32	78	26187	4.223 ug/L	100
35) Trichloroethene	9.09	95	7585	4.265 ug/L	98
36) Methylcyclohexane	9.34	83	13522	4.405 ug/L	98
40) 1,2-Dichloropropane	9.37	63	6469	4.264 ug/L	100
41) Bromodichloromethane	9.65	83	8864	4.069 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	10601	4.161 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	8415	7.008 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	31001	4.638	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	9438	4.219	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	5065	4.055	ug/L	90
47) Tetrachloroethene	10.86	164	6284	4.678	ug/L	96
49) 2-Hexanone	10.97	43	5794	6.866	ug/L	96
50) Dibromochloromethane	11.13	129	6273	4.088	ug/L	96
51) 1,2-Dibromoethane	11.24	107	5062	4.035	ug/L	97
52) Chlorobenzene	11.66	112	19370	4.465	ug/L	99
53) Ethylbenzene	11.73	91	34430	4.581	ug/L	99
54) m,p-Xylene	11.84	106	13387	4.689	ug/L	96
55) o-xylene	12.17	106	12210	4.525	ug/L	93
56) Styrene	12.18	104	20207	4.369	ug/L	100
57) Isopropylbenzene	12.47	105	35694	4.740	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	5962	3.850	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	4918	4.012	ug/L	99
62) Bromoform	12.35	173	3525	3.854	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	15173	4.423	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	15340	4.485	ug/L	92
65) 1,2-Dichlorobenzene	13.88	146	14105	4.594	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1189	3.656	ug/L #	75
67) 1,3,5-Trichlorobenzene	14.63	180	10978	4.417	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	9385	4.380	ug/L	95
69) Naphthalene	15.38	128	18954	3.579	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	8300	4.261	ug/L	99

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

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