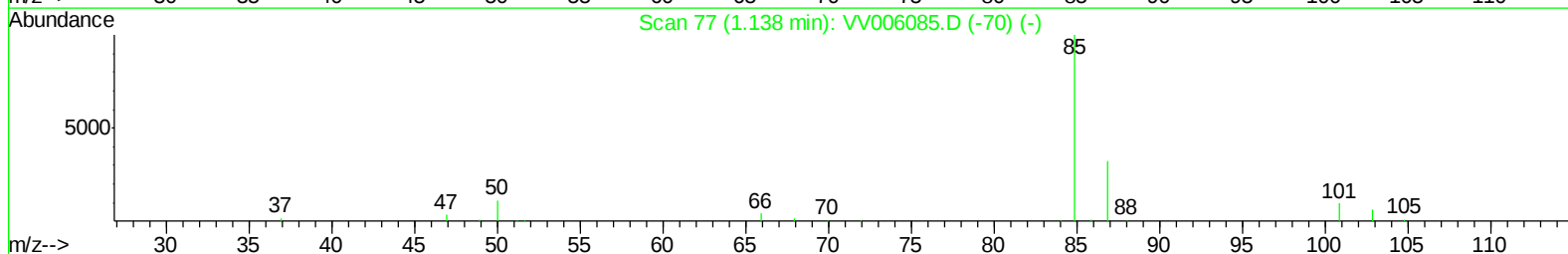
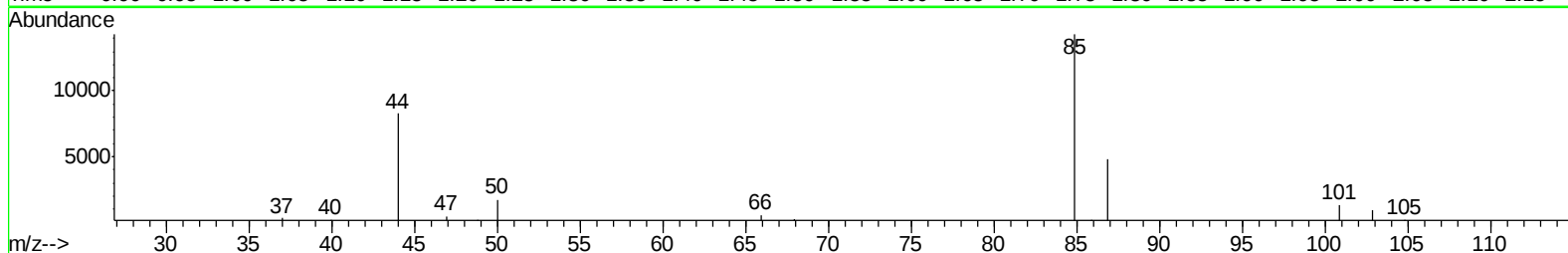
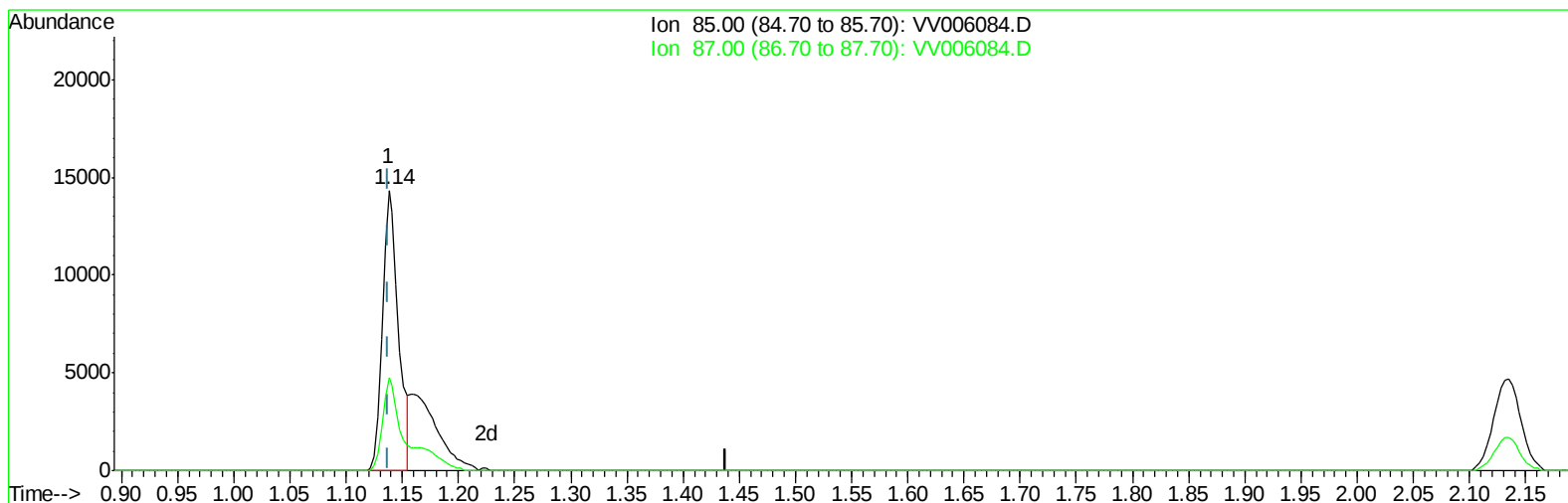


Data File : VV006084.D
Acq On : 27 May 2018 13:54
Operator : SY/MD
Sample : VSTD01071
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 27 23:58:30 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration



TIC: VV006084.D

(2) Dichlorodifluoromethane (T)

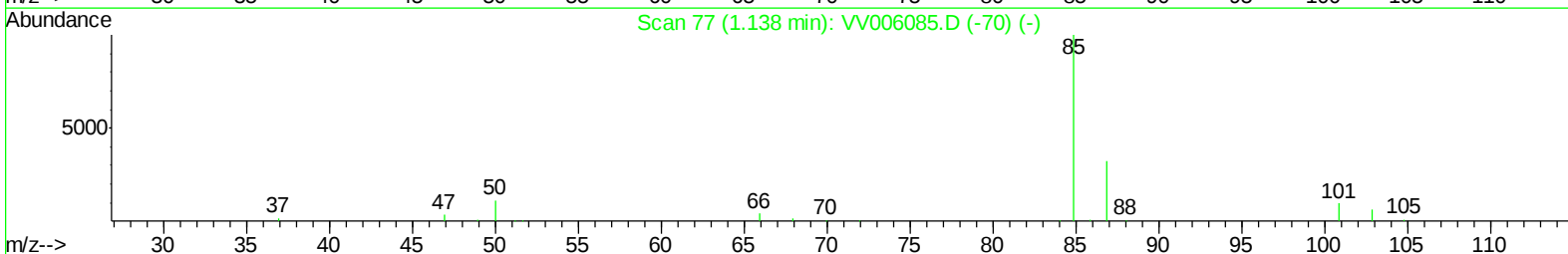
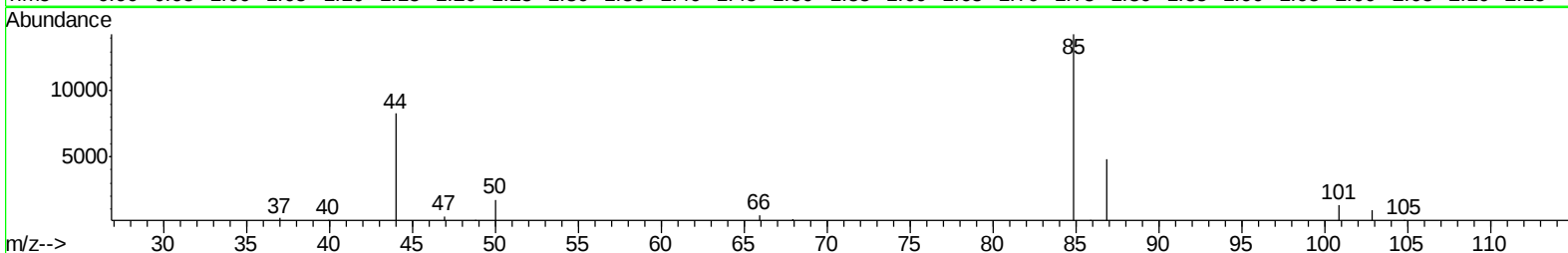
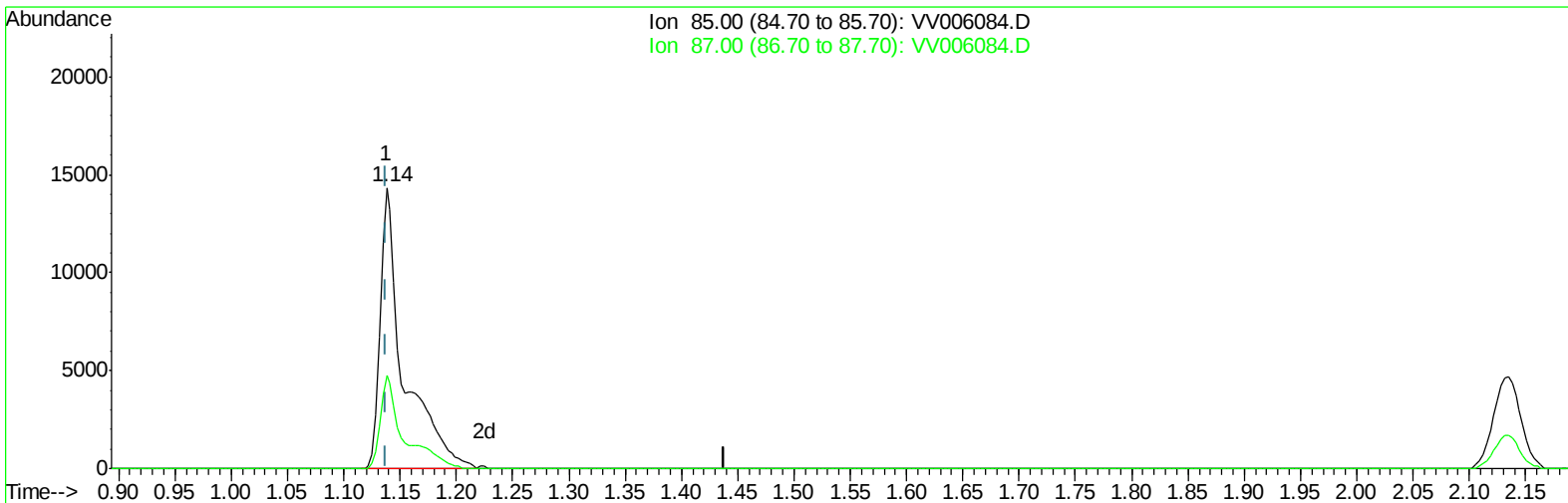
1.138min (+0.000) 6.48ug/L

response 14094

Ion	Exp%	Act%
85.00	100	100
87.00	23.30	36.46#
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 27 23:58:30 2018
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Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration



TIC: VV006084.D

(2) Dichlorodifluoromethane (T)

1.138min (+0.000) 9.59ug/L m

response 20871

Ion	Exp%	Act%
85.00	100	100
87.00	23.30	24.62
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV006084.D
Acq On : 27 May 2018 13:54
Operator : SY/MD
Sample : VSTD01071
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 28 00:03:11 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	254365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21603	11.76	ug/L	0.00
7) Chloroethane-d5	1.56	69	7771	6.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	38717	11.39	ug/L	0.00
21) 2-Butanone-d5	3.95	46	20362	20.13	ug/L	0.00
24) Chloroform-d	4.41	84	37572	11.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	24098	10.83	ug/L	0.00
32) Benzene-d6	5.10	84	74819	11.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	24721	12.08	ug/L	0.00
41) Toluene-d8	7.36	98	67376	11.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9529	10.31	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	16931	20.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34001	11.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	27551	12.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	20871m	9.59 ug/L	
3) Chloromethane	1.26	50	19998	8.36 ug/L	99
5) Vinyl chloride	1.33	62	23407	10.88 ug/L	100
6) Bromomethane	1.51	94	8349	9.24 ug/L	100
8) Chloroethane	1.57	64	6489	5.96 ug/L	99
9) Trichlorofluoromethane	1.75	101	30567	10.29 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	18786	11.05 ug/L	98
12) 1,1-Dichloroethene	2.13	96	16954	10.83 ug/L	97
13) Acetone	2.20	43	25130	23.45 ug/L	99
14) Carbon disulfide	2.31	76	45602	9.92 ug/L	100
15) Methyl Acetate	2.46	43	23745	10.87 ug/L	98
16) Methylene chloride	2.54	84	19515	10.50 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	18198	10.84 ug/L	97
18) Methyl tert-butyl Ether	2.82	73	61148	10.83 ug/L	99
19) 1,1-Dichloroethane	3.23	63	36147	10.62 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	18943	9.57 ug/L	93
22) 2-Butanone	4.04	43	31387	20.85 ug/L	98
23) Bromochloromethane	4.30	128	10044	10.38 ug/L	98
25) Chloroform	4.44	83	34731	9.83 ug/L	98
27) 1,2-Dichloroethane	5.19	62	27366	9.57 ug/L	100
29) Cyclohexane	4.72	56	28278	10.06 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	27703	9.45 ug/L	99
31) Carbon tetrachloride	4.88	117	23929	9.45 ug/L	100
33) Benzene	5.15	78	77061	10.78 ug/L	100
34) Trichloroethene	5.96	95	19022	10.40 ug/L	99
35) Methylcyclohexane	6.18	83	28665	9.95 ug/L	98
37) 1,2-Dichloropropane	6.23	63	20592	10.69 ug/L	99
38) Bromodichloromethane	6.56	83	23456	9.61 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	25961	9.26 ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	51693	20.27 ug/L	98

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Quant Time: May 28 00:03:11 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	75621	10.19	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	24344	9.26	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	18804	10.34	ug/L	99
46) Tetrachloroethene	8.02	164	15303	10.83	ug/L	98
48) 2-Hexanone	8.20	43	41667	20.90	ug/L	98
49) Dibromochloromethane	8.30	129	18409	9.60	ug/L	99
50) 1,2-Dibromoethane	8.40	107	18267	9.77	ug/L	100
51) Chlorobenzene	8.93	112	50570	10.20	ug/L	98
52) Ethylbenzene	9.06	91	79098	9.72	ug/L	98
53) m,p-Xylene	9.19	106	29043	9.61	ug/L	97
54) o-xylene	9.59	106	29517	9.92	ug/L	98
55) Styrene	9.61	104	46952	9.20	ug/L	98
56) Isopropylbenzene	9.98	105	72893	9.18	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	32579	10.73	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	25207	10.28	ug/L	100
61) Bromoform	9.79	173	13446	10.49	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	35526	10.04	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	37274	10.04	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	41514	10.86	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4834	7.90	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	26208	10.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	19031	9.05	ug/L	99
69) Naphthalene	13.56	128	45448	7.16	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	21106	9.15	ug/L	99

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

Data File : VV006084.D

```
Acq On       : 27 May 2018   13:54
Operator    : SY/MD
Sample      : VSTD01071
Misc       : 5.0 mL/MSV0A_V/WATER
ALS Vial    : 3      Sample Multiplier: 1
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