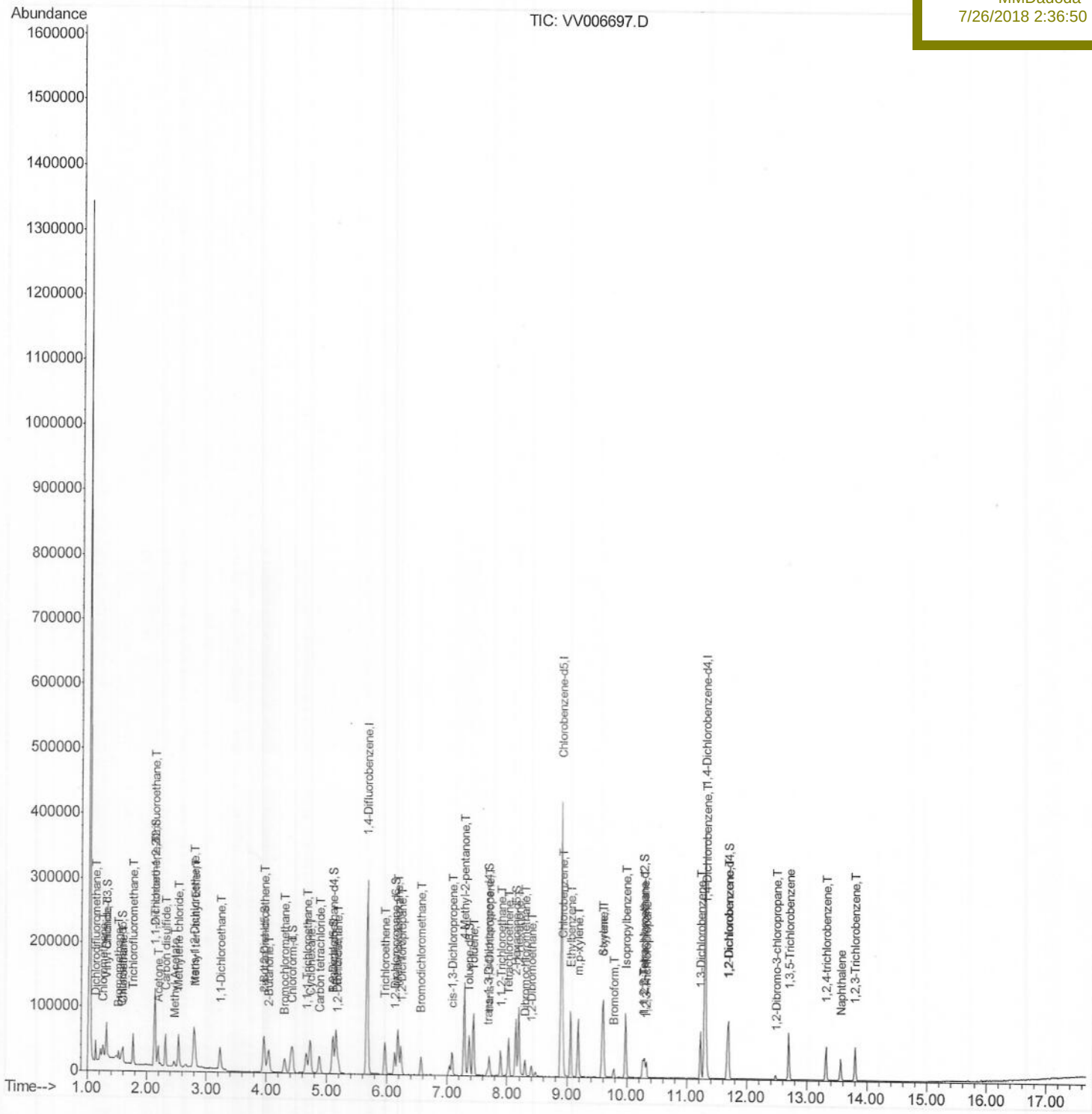
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\
Data File : VV006697.D
Acq On : 23 Jul 2018 13:45
Operator : SY/MD
Sample : VSTD00176
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 24 02:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 24 02:05:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00176

Manual Integrations APPROVED
MMDadoda
7/26/2018 2:36:50 PM



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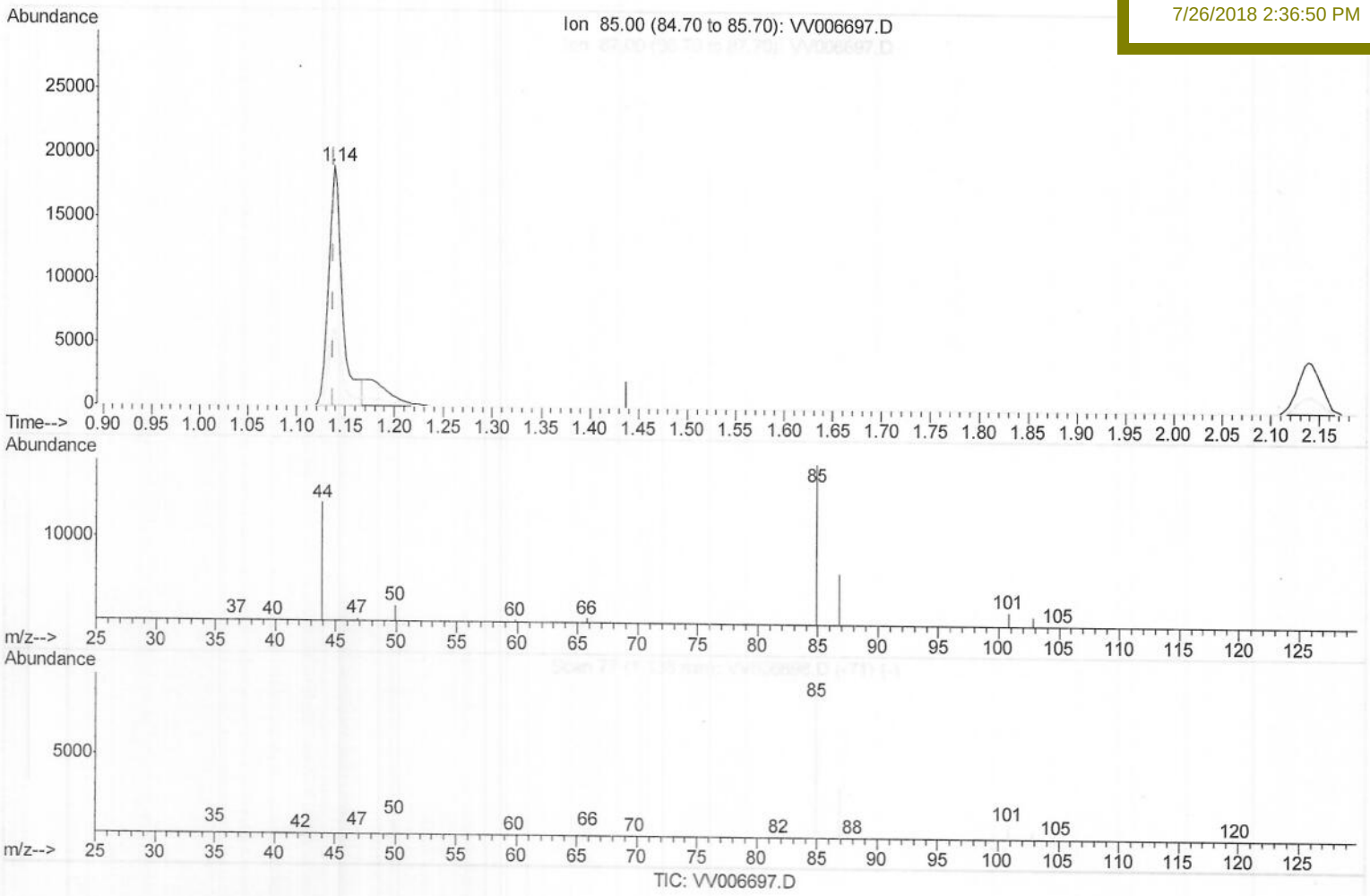

(2) Dichlorodifluoromethane (T)

1.138min (+0.000) 0.93ug/L

response 18871

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	37.58#
0.00	0.00	0.00
0.00	0.00	0.00

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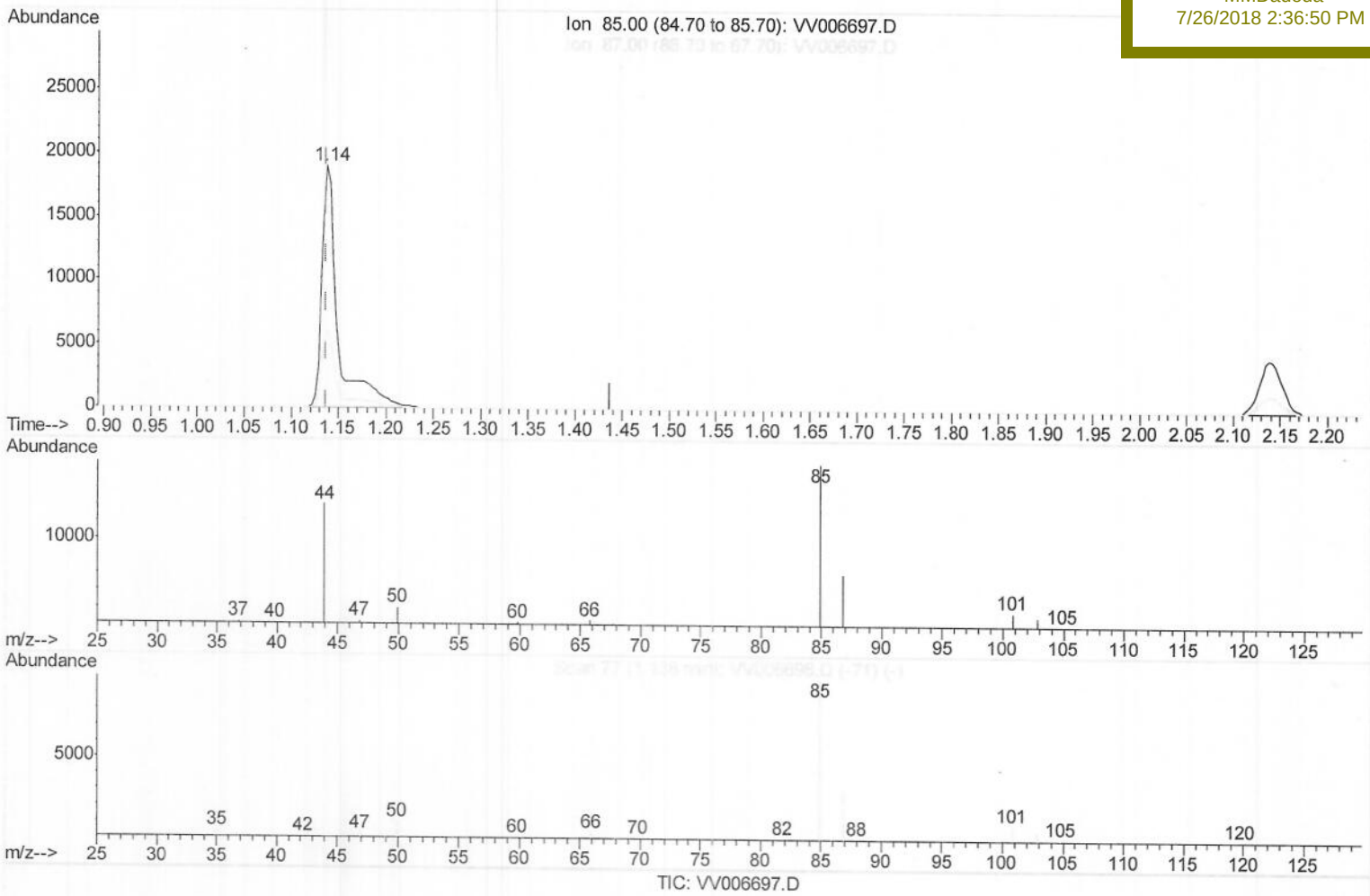

TIC: VV006697.D

(2) Dichlorodifluoromethane (T)

1.138min (+0.000) 1.11ug/L m > MD 08/07/18

response 22524

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	31.49#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256310	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236864	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104035	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.32	65	13788	1.03 ug/L	0.00
7) Chloroethane-d5	1.58	69	10798	1.03 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	25906	0.99 ug/L	0.00
20) 2-Butanone-d5	3.95	46	42314	10.15 ug/L	0.00
24) Chloroform-d	4.41	84	25417	1.02 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12363	1.01 ug/L	0.00
32) Benzene-d6	5.10	84	48723	1.00 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	17025	1.04 ug/L	0.00
41) Toluene-d8	7.36	98	40945	0.96 ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4989	0.93 ug/L	0.00
46) 2-Hexanone-d5	8.14	63	29879	8.79 ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	13684	1.02 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	15791	1.02 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.14	85	22524m)	1.106 ug/L	) MD 08/07/18
3) Chloromethane	1.26	50	16934	0.865 ug/L	96
5) Vinyl chloride	1.32	62	23770	0.969 ug/L #	68
6) Bromomethane	1.52	94	6057	1.009 ug/L	99
8) Chloroethane	1.59	64	13582	1.012 ug/L	93
9) Trichlorofluoromethane	1.77	101	27021	0.960 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16631	0.970 ug/L	98
12) 1,1-Dichloroethene	2.14	96	16501	0.983 ug/L	96
13) Acetone	2.19	43	26673	10.058 ug/L	99
14) Carbon disulfide	2.32	76	55194	0.978 ug/L	99
15) Methyl Acetate	2.46	43	7817	0.994 ug/L	100
16) Methylene chloride	2.54	84	19971	1.038 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	40363	0.980 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	17838	0.978 ug/L	99
19) 1,1-Dichloroethane	3.23	63	33002	0.984 ug/L	100
21) 2-Butanone	4.04	43	42594	9.589 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	18295	0.962 ug/L	98
23) Bromochloromethane	4.31	128	7520	0.961 ug/L	96
25) Chloroform	4.43	83	30579	0.971 ug/L	99
27) 1,2-Dichloroethane	5.19	62	18140	0.982 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	24527	0.962 ug/L	99
30) Cyclohexane	4.72	56	26027	0.912 ug/L	99
31) Carbon tetrachloride	4.88	117	20261	0.930 ug/L	99
33) Benzene	5.15	78	68073	0.956 ug/L	100
34) Trichloroethene	5.96	95	17475	0.972 ug/L	98
35) Methylcyclohexane	6.18	83	26418	0.880 ug/L	98
37) 1,2-Dichloropropane	6.23	63	17728	0.970 ug/L	99
38) Bromodichloromethane	6.56	83	19137	0.937 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	21823	0.916 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	94160	9.370 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.44	91	68333	0.932	ug/L		98
44) trans-1,3-Dichloropropene	7.70	75	16804	0.897	ug/L		98
45) 1,1,2-Trichloroethane	7.89	97	12067	0.980	ug/L		98
47) Tetrachloroethene	8.02	164	13457	0.943	ug/L		97
48) 2-Hexanone	8.19	43	65469	9.337	ug/L		97
49) Dibromochloromethane	8.30	129	12060	0.926	ug/L		96
50) 1,2-Dibromoethane	8.40	107	10479	0.952	ug/L	#	99
51) Chlorobenzene	8.93	112	45470	0.953	ug/L		100
52) Ethylbenzene	9.06	91	69994	0.896	ug/L		99
53) m,p-xylene	9.19	106	25005	0.847	ug/L		97
54) o-xylene	9.59	106	25230	0.878	ug/L		98
55) Styrene	9.61	104	41482	0.856	ug/L		99
56) Isopropylbenzene	9.98	105	64510	0.864	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	14439	0.959	ug/L		99
59) 1,2,3-Trichloropropane	10.33	75	10430	0.969	ug/L		97
61) Bromoform	9.78	173	6136	0.970	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	31179	0.970	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	31219	0.953	ug/L		99
65) 1,2-Dichlorobenzene	11.70	146	30436	0.972	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1743	0.930	ug/L		94
67) 1,3,5-Trichlorobenzene	12.70	180	22916	0.933	ug/L		98
68) 1,2,4-trichlorobenzene	13.32	180	17274	0.886	ug/L		99
69) Naphthalene	13.56	128	26938	0.807	ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	16337	0.885	ug/L		99

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