

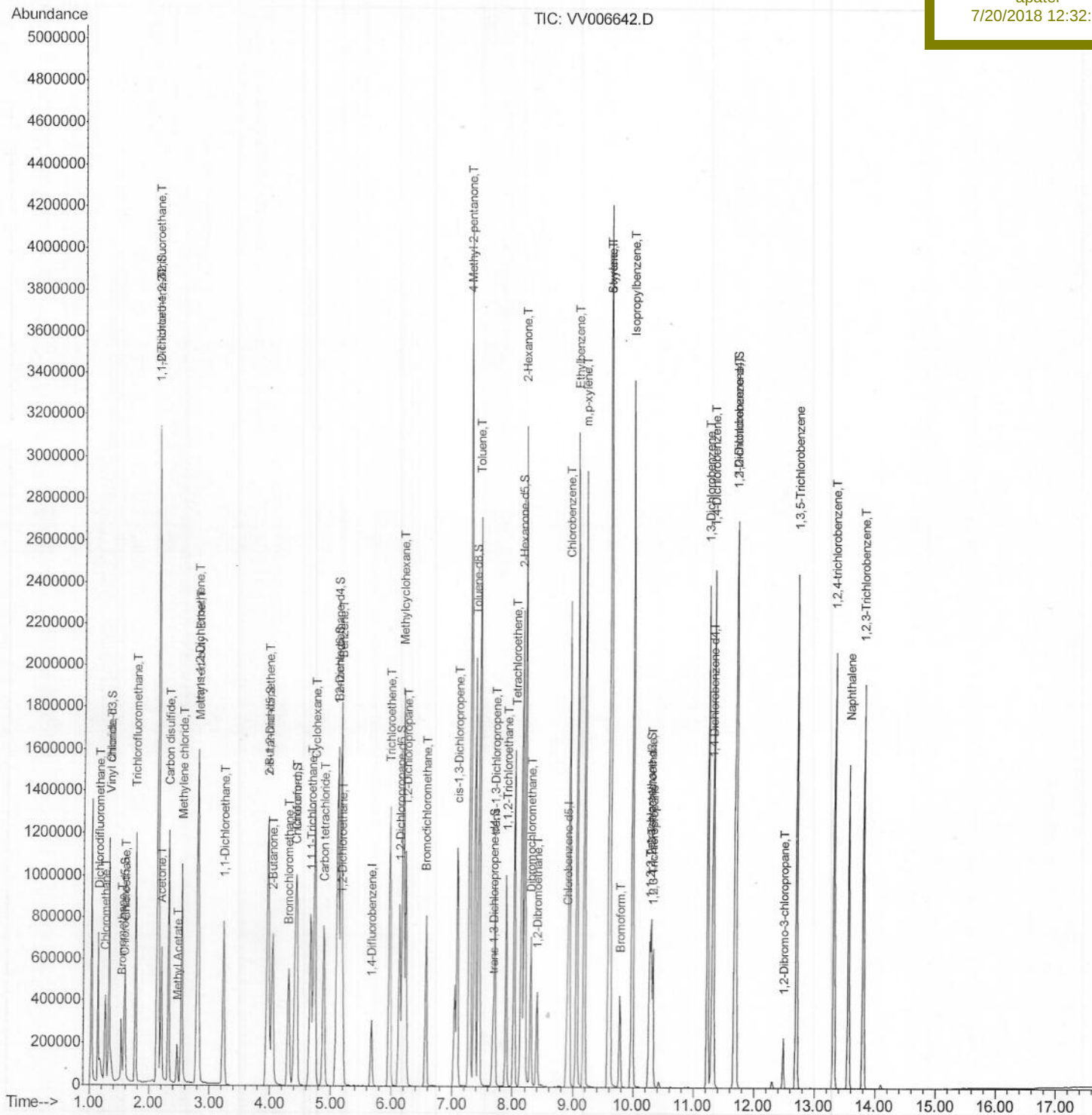
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
Data File : VV006642.D
Acq On : 19 Jul 2018 14:24
Operator : SY/MD
Sample : VSTD02068
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 05:03:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
Qlast Update : Fri Jul 20 04:43:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD02068

Manual Integrations APPROVED

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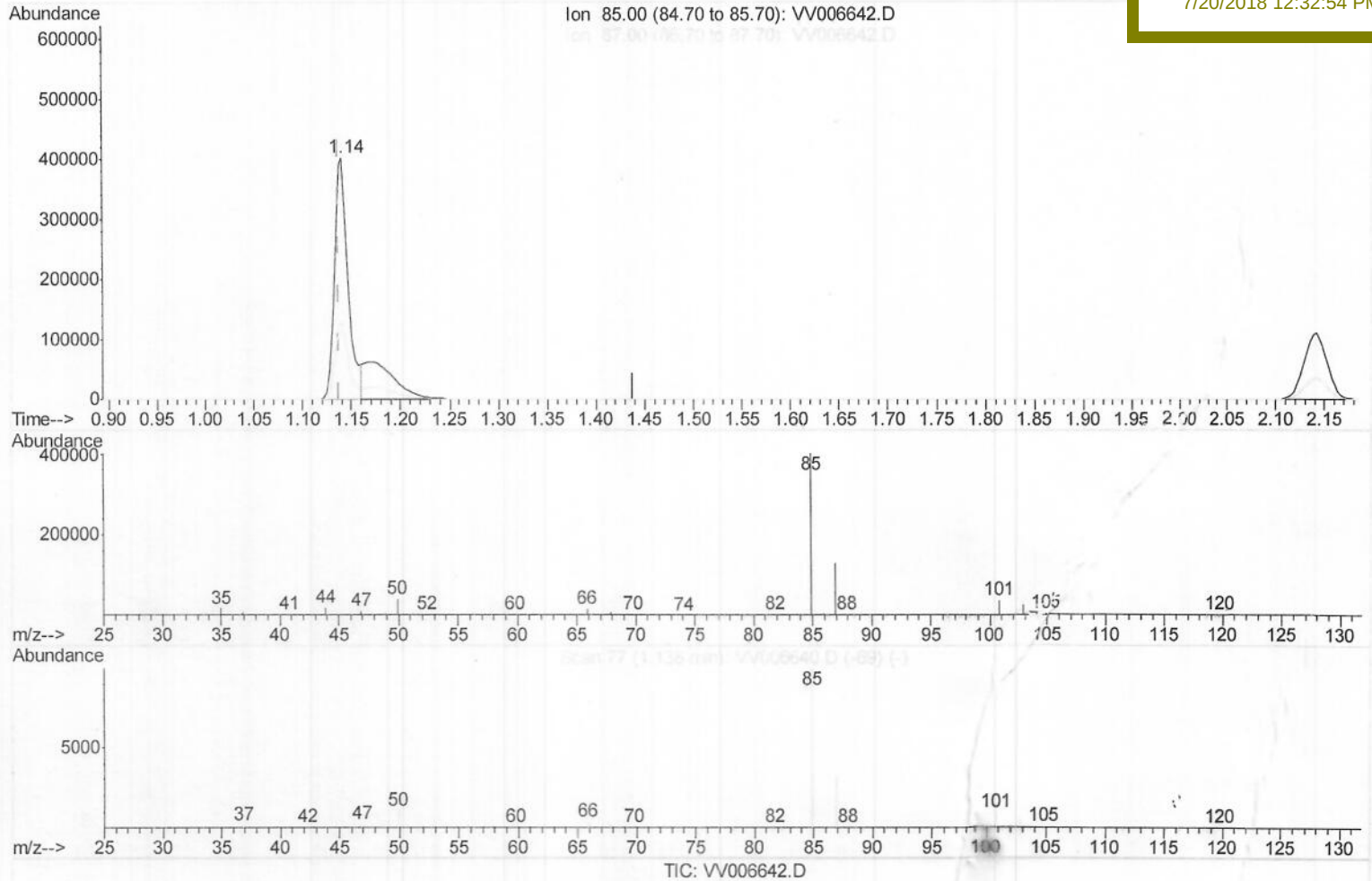
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Quant Time: Jul 20 04:44:55 2018
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ClientSampled :
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 18.07ug/L

response 391614

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	32.48#
0.00	0.00	0.00
0.00	0.00	0.00

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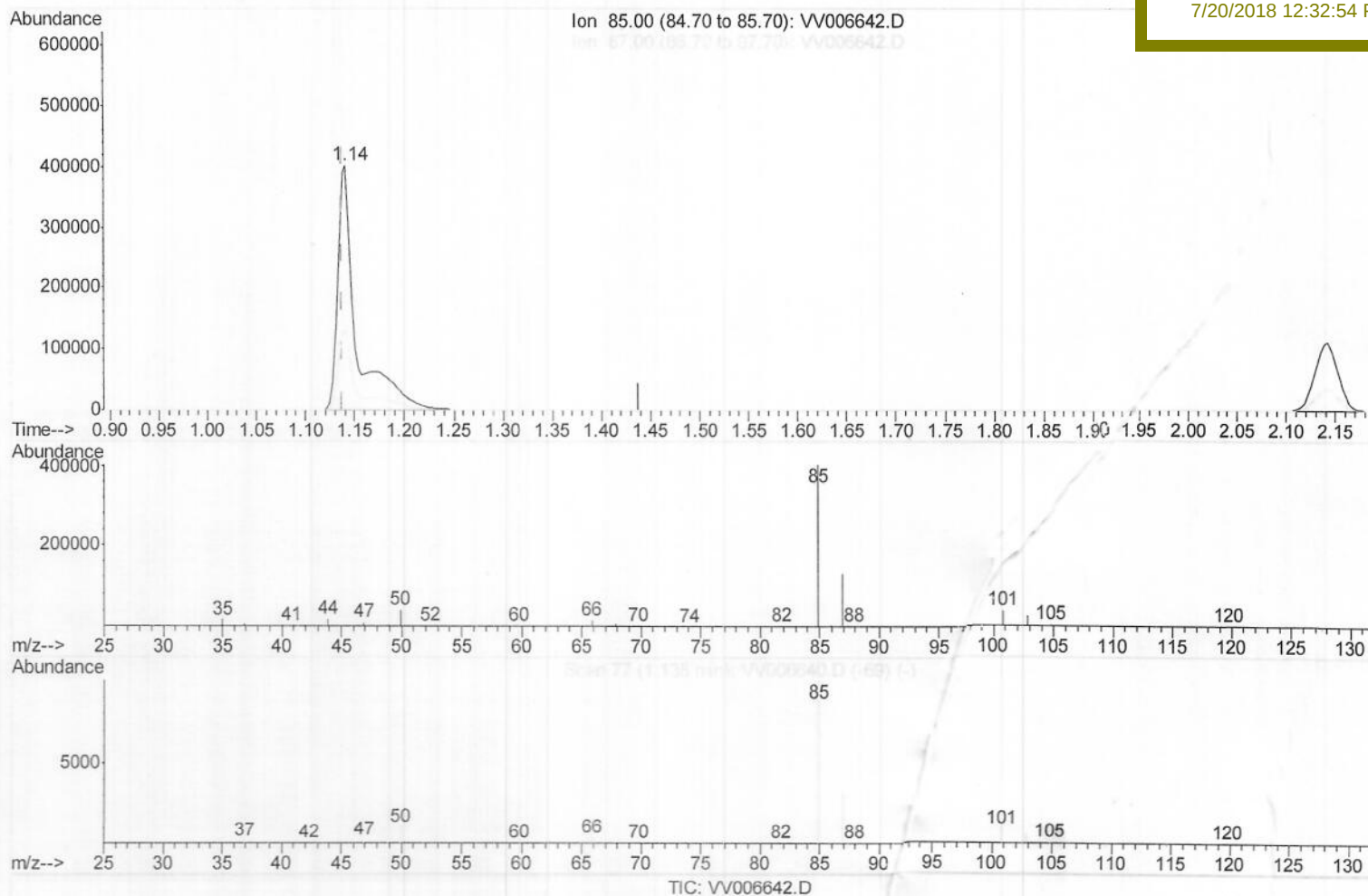
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 24.38ug/L m

response 528577

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	24.06
0.00	0.00	0.00
0.00	0.00	0.00

MD
07/28/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	396610	21.02	ug/L	0.00
7) Chloroethane-d5	1.57	69	182044	14.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	752844	20.75	ug/L	0.00
20) 2-Butanone-d5	3.95	46	895742	218.53	ug/L	0.00
24) Chloroform-d	4.41	84	674449	21.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	313539	20.90	ug/L	0.00
32) Benzene-d6	5.10	84	1434168	21.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	436740	20.74	ug/L	0.00
41) Toluene-d8	7.37	98	1356308	21.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	166304	23.29	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	845739	237.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	323639	21.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	482939	20.56	ug/L	0.00

Target Compounds

2) Dichlorodifluoromethane	1.14	85	528577m	24.384	ug/L	Qvalue
3) Chloromethane	1.26	50	471770	21.815	ug/L	99
5) Vinyl chloride	1.32	62	576240	20.632	ug/L	98
6) Bromomethane	1.53	94	122005	15.407	ug/L	97
8) Chloroethane	1.59	64	308765	19.243	ug/L	96
9) Trichlorofluoromethane	1.76	101	689627	20.574	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	435075	20.708	ug/L	99
12) 1,1-Dichloroethene	2.14	96	411112	20.649	ug/L	94
13) Acetone	2.20	43	635307	202.087	ug/L	99
14) Carbon disulfide	2.32	76	1337336	20.713	ug/L	100
15) Methyl Acetate	2.47	43	187255	20.301	ug/L	98
16) Methylene chloride	2.54	84	437410	17.463	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1027152	20.899	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	448466	20.436	ug/L	99
19) 1,1-Dichloroethane	3.23	63	794711	20.513	ug/L	100
21) 2-Butanone	4.04	43	1111434	211.080	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	486098	21.157	ug/L	97
23) Bromochloromethane	4.30	128	197168	21.078	ug/L	99
25) Chloroform	4.43	83	778400	20.851	ug/L	99
27) 1,2-Dichloroethane	5.19	62	449315	20.599	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	658711	21.089	ug/L	99
30) Cyclohexane	4.73	56	765689	21.926	ug/L	99
31) Carbon tetrachloride	4.88	117	573997	21.485	ug/L	99
33) Benzene	5.15	78	1825142	20.764	ug/L	100
34) Trichloroethene	5.96	95	463476	20.837	ug/L	99
35) Methylcyclohexane	6.18	83	837613	22.565	ug/L	98
37) 1,2-Dichloropropane	6.23	63	462614	20.630	ug/L	100
38) Bromodichloromethane	6.56	83	537460	21.576	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	678339	23.003	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	2615934	215.792	ug/L	97

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42) Toluene	7.44	91	1934601	21.293	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	542350	23.656	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	311875	20.672	ug/L	98
47) Tetrachloroethene	8.03	164	376865	21.096	ug/L	98
48) 2-Hexanone	8.19	43	1854957	218.894	ug/L	98
49) Dibromochloromethane	8.30	129	361697	22.627	ug/L	99
50) 1,2-Dibromoethane	8.40	107	287016	21.166	ug/L	100
51) Chlorobenzene	8.93	112	1244940	21.086	ug/L	99
52) Ethylbenzene	9.06	91	2168532	22.232	ug/L	99
53) m,p-xylene	9.19	106	839683	22.639	ug/L	99
54) o-xylene	9.59	106	824758	22.794	ug/L	100
55) Styrene	9.61	104	1410627	23.288	ug/L	98
56) Isopropylbenzene	9.98	105	2170679	22.867	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	383241	21.180	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	274900	20.790	ug/L	99
61) Bromoform	9.78	173	192820	21.371	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	980057	20.610	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	986210	20.413	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	921988	20.225	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	55453	20.498	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	774522	21.074	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	644015	22.089	ug/L	99
69) Naphthalene	13.56	128	1204672	13.868	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	591796	21.546	ug/L	100

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