

Quant Time: Jul 24 03:25:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 24 02:34:01 2018
Response via : Initial Calibration

Manual Integrations

MMDadoda
7/26/2018 2:37:47 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\

Data File : VV006704.D

Acq On : 23 Jul 2018 18:50

Operator : SY/MD

Sample : VSTDCCC005EC

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 02:35:11 2018

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Instrument :

MSVOA_V

LabSampleId :

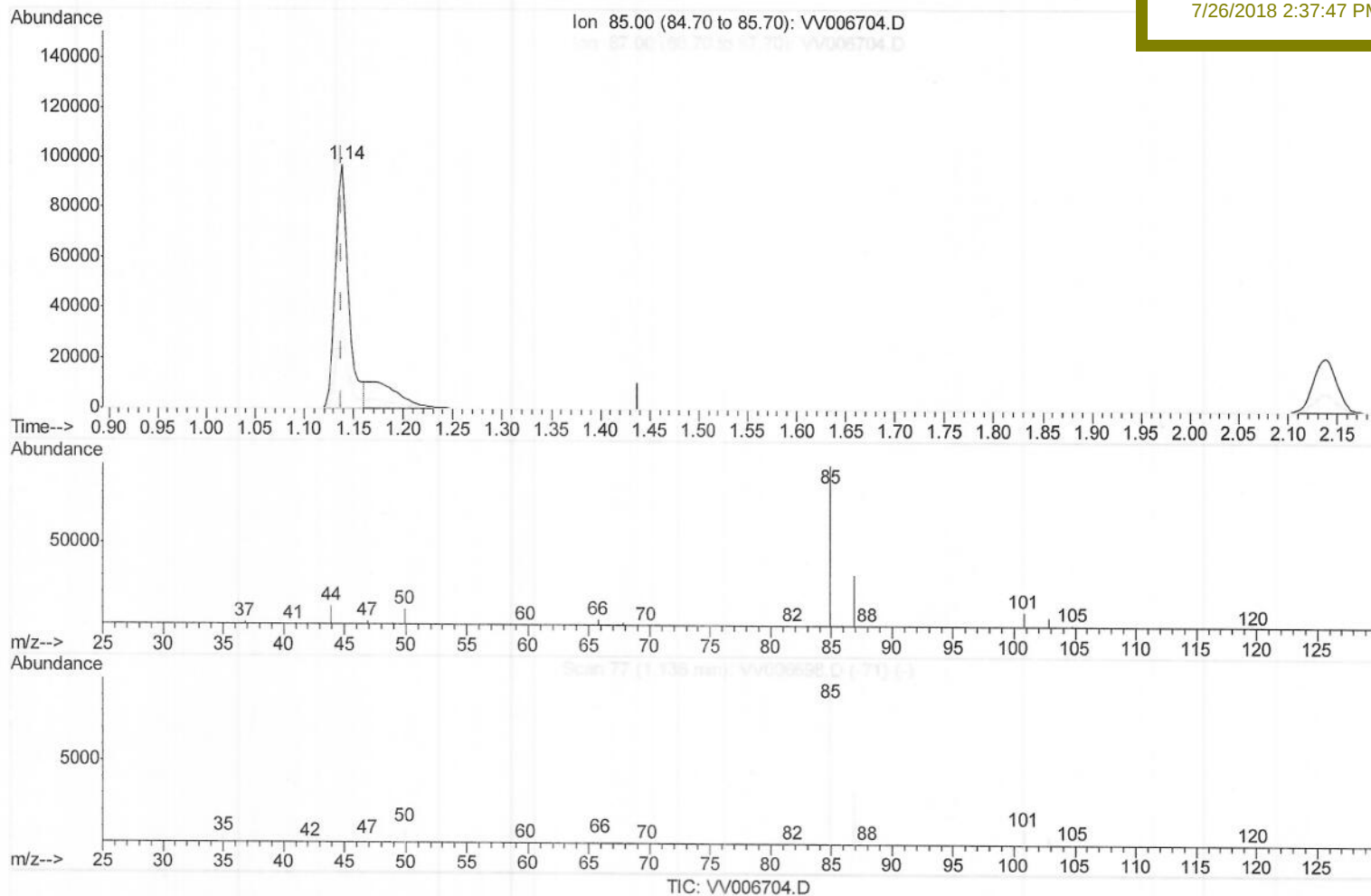
VSTD00580

Manual Integrations

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(2) Dichlorodifluoromethane (T)

1.138min (+0.000) 4.08ug/L

response 91322

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	31.56#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

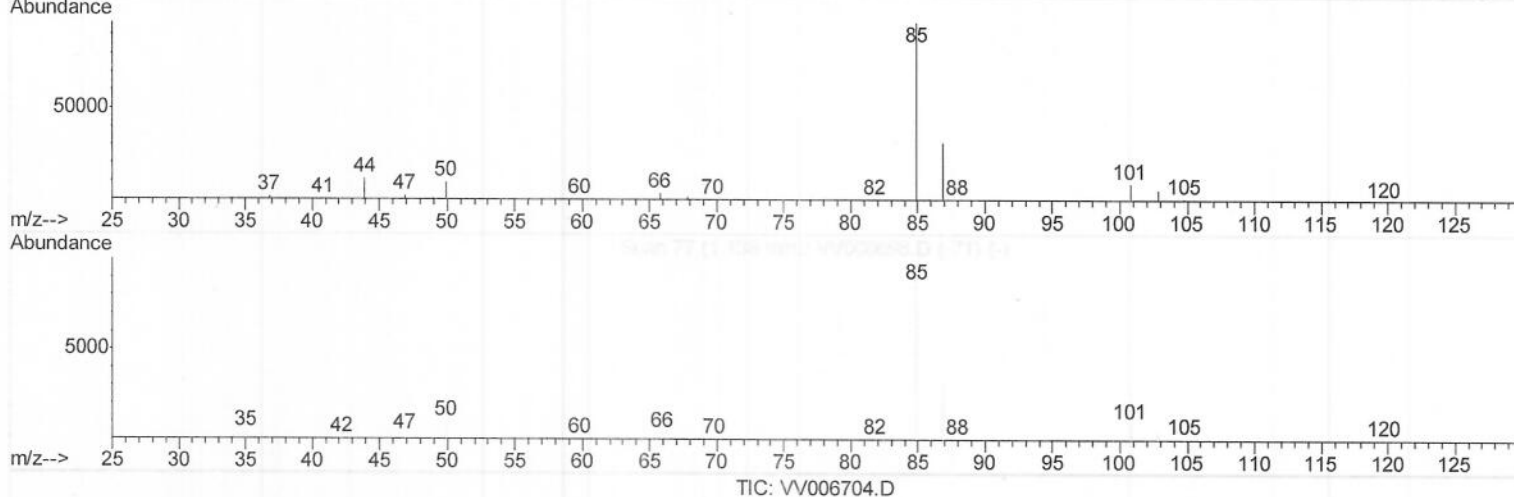
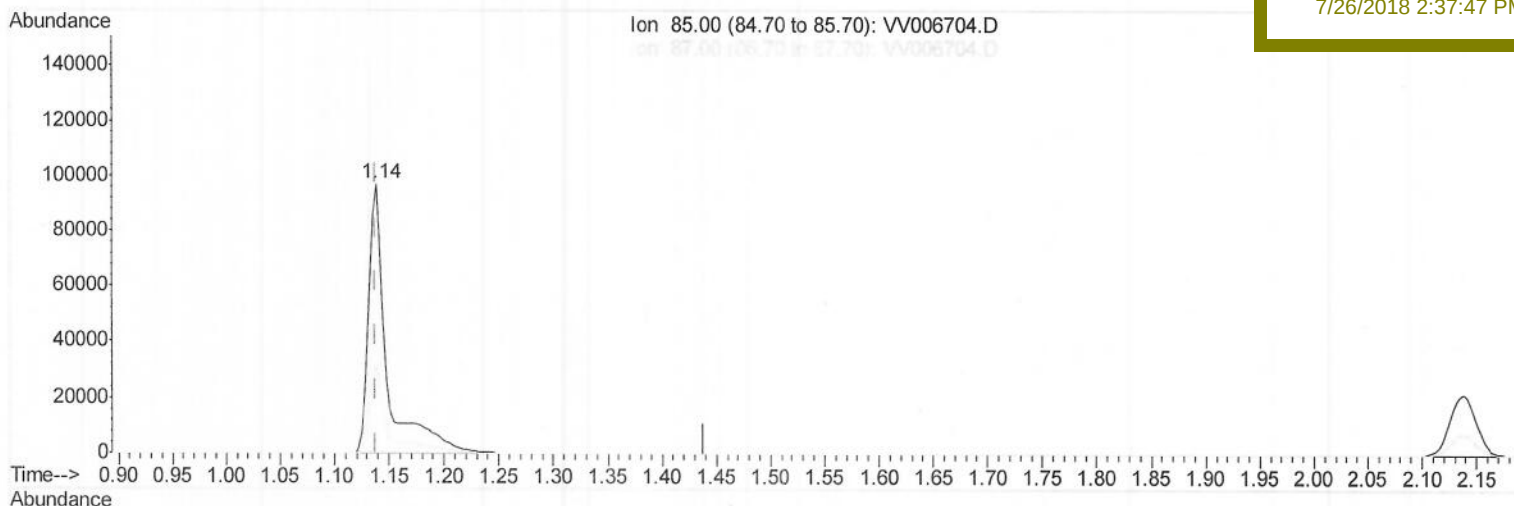
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(2) Dichlorodifluoromethane (T)

1.138min (+0.000) 5.15ug/L m

) M08/04/18

response 115380

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	24.98
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	248972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63691	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	98.40%		
7) Chloroethane-d5	1.57	69	50300	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.80%		
11) 1,1-Dichloroethene-d2	2.13	63	127318	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	100.20%		
20) 2-Butanone-d5	3.95	46	220879	54.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.12%		
24) Chloroform-d	4.41	84	129065	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	106.20%		
26) 1,2-Dichloroethane-d4	5.09	65	62070	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.80%		
32) Benzene-d6	5.10	84	245535	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	103.20%		
36) 1,2-Dichloropropane-d6	6.12	67	82588	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.80%		
41) Toluene-d8	7.36	98	218167	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	105.00%		
43) trans-1,3-Dichloropropene-	7.67	79	27197	5.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	103.80%		
46) 2-Hexanone-d5	8.14	63	181922	54.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	109.64%		
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68109	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.00%		
64) 1,2-Dichlorobenzene-d4	11.68	152	83746	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.60%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	115380m)	5.150	ug/L	97
3) Chloromethane	1.26	50	98022	5.153	ug/L	100
5) Vinyl chloride	1.32	62	123006	4.925	ug/L	98
6) Bromomethane	1.52	94	28719	5.064	ug/L	100
8) Chloroethane	1.59	64	66037	5.179	ug/L	100
9) Trichlorofluoromethane	1.77	101	141550	5.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87396	5.075	ug/L	95
12) 1,1-Dichloroethene	2.14	96	82777	51.266	ug/L	100
13) Acetone	2.19	43	132060	5.039	ug/L	99
14) Carbon disulfide	2.31	76	276357	5.201	ug/L	96
15) Methyl Acetate	2.46	43	39719	4.889	ug/L	99
16) Methylene chloride	2.54	84	91411	5.171	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	206878	5.191	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	91965	5.189	ug/L	99
19) 1,1-Dichloroethane	3.23	63	169100	52.201	ug/L	99
21) 2-Butanone	4.04	43	225231	5.151	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	95158			

) M008/04/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	39525	5.200	ug/L	98
25) Chloroform	4.43	83	155217	5.076	ug/L	100
27) 1,2-Dichloroethane	5.19	62	92084	5.133	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	128381	5.159	ug/L	100
30) Cyclohexane	4.72	56	144951	5.202	ug/L	100
31) Carbon tetrachloride	4.88	117	110677	5.203	ug/L	100
33) Benzene	5.15	78	367288	5.282	ug/L	100
34) Trichloroethene	5.96	95	91851	5.232	ug/L	99
35) Methylcyclohexane	6.18	83	155206	5.293	ug/L	99
37) 1,2-Dichloropropane	6.23	63	91764	5.141	ug/L	100
38) Bromodichloromethane	6.56	83	103279	5.180	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	120026	5.162	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	522363	53.232	ug/L	99
42) Toluene	7.44	91	379278	5.297	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	95663	5.232	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	63322	5.267	ug/L	99
47) Tetrachloroethene	8.02	164	73440	5.267	ug/L	99
48) 2-Hexanone	8.19	43	373120	54.493	ug/L	100
49) Dibromochloromethane	8.30	129	66155	5.199	ug/L	99
50) 1,2-Dibromoethane	8.40	107	56815	5.288	ug/L	98
51) Chlorobenzene	8.93	112	242674	5.210	ug/L	100
52) Ethylbenzene	9.06	91	401097	5.255	ug/L	99
53) m,p-xylene	9.19	106	154540	5.363	ug/L	100
54) o-xylene	9.59	106	150963	5.378	ug/L	98
55) Styrene	9.61	104	257997	5.449	ug/L	98
56) Isopropylbenzene	9.98	105	389768	5.347	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	75832	5.156	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	56294	5.358	ug/L	98
61) Bromoform	9.78	173	33732	5.066	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	175038	5.168	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	179760	5.208	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	171678	5.204	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10104	5.118	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	135389	5.236	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	106058	5.163	ug/L	99
69) Naphthalene	13.56	128	186427	5.304	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	104566	5.379	ug/L	100

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