

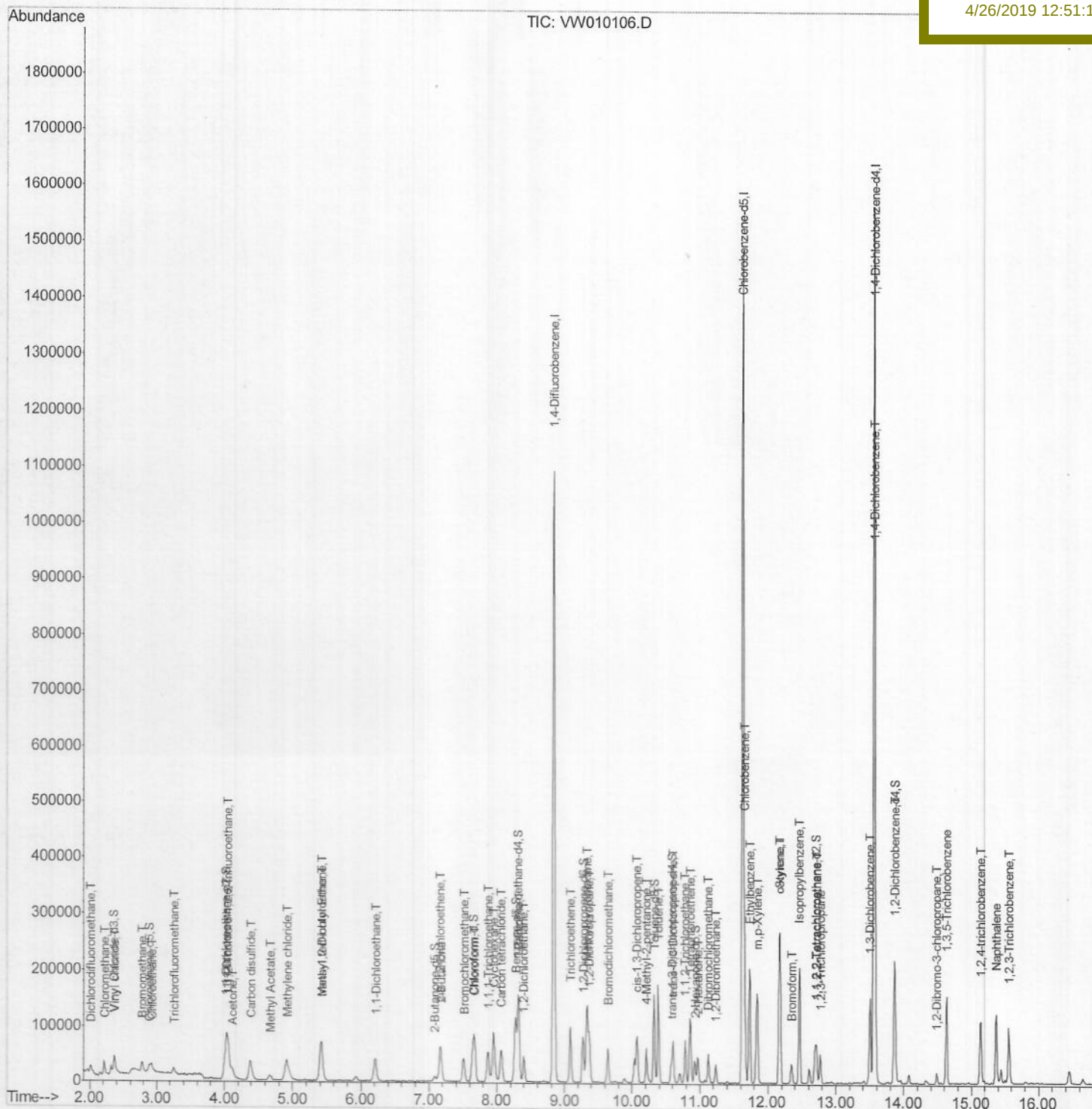
Quantitation Report (QT Reviewed)

ALS Vial : 1 Sample Multiplier: 1

VSTD2.513

Response via : Initial Calibration

4/26/2019 12:51:10 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042419\
Quantitation Report (Qedit)

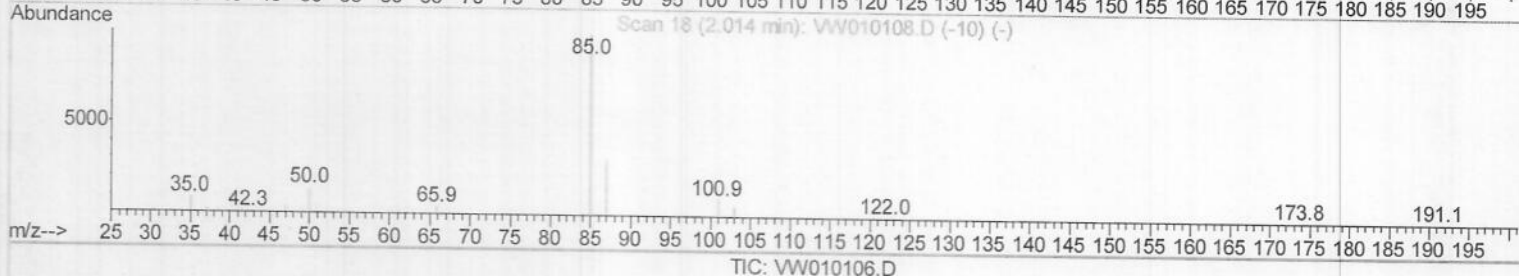
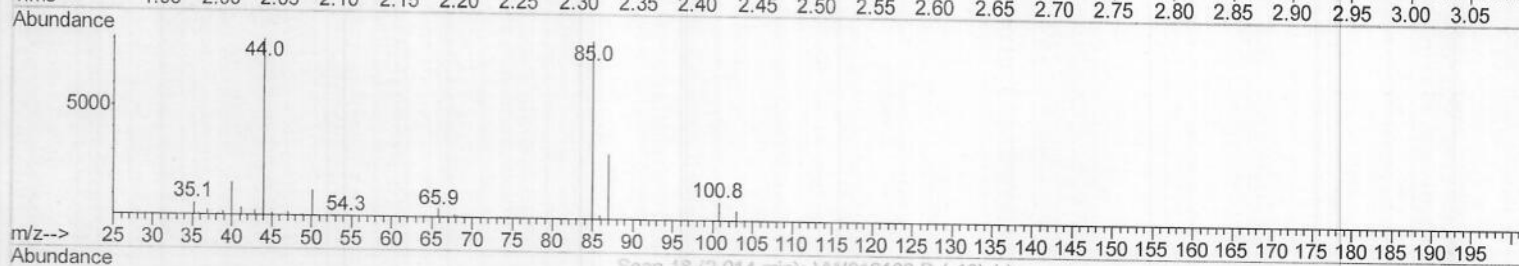
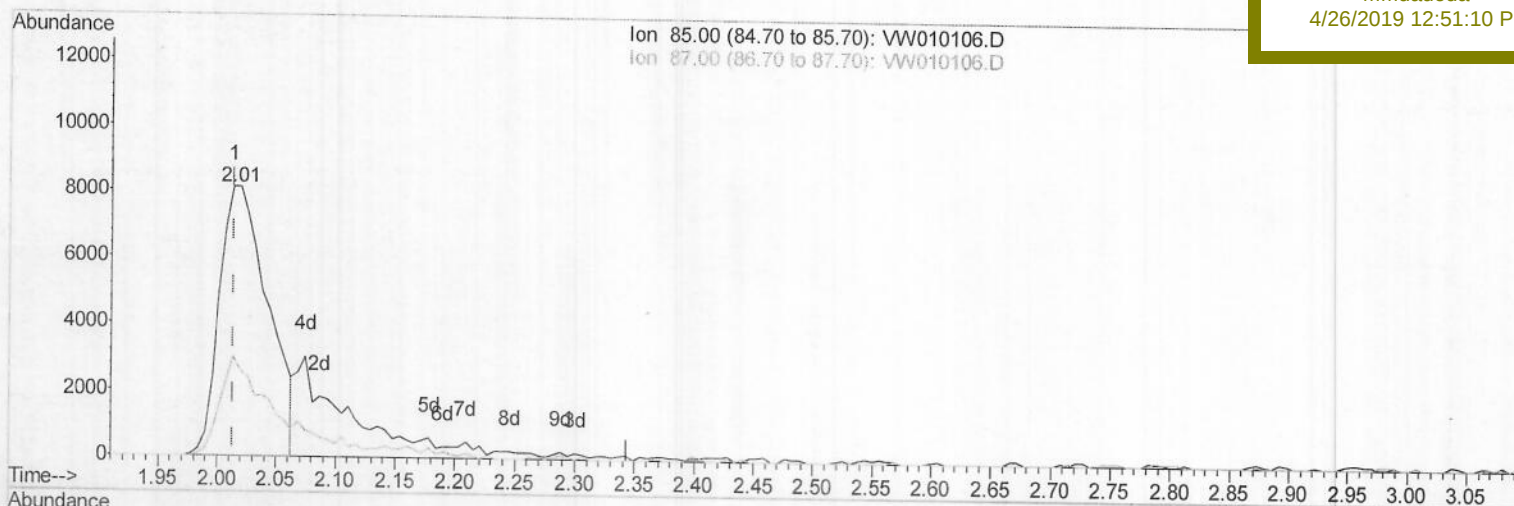
Data File : VW010106.D
Acq On : 24 Apr 2019 10:00
Operator : SY/VA
Sample : VSTD2.513
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 11:33:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 11:30:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.513

Manual Integrations
APPROVED

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(2) Dichlorodifluoromethane (T)

2.013min (-0.000) 1.92ug/L

response 23166

Ion	Exp%	Act%
-----	------	------

85.00	100	100
-------	-----	-----

87.00	32.40	22.96
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0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
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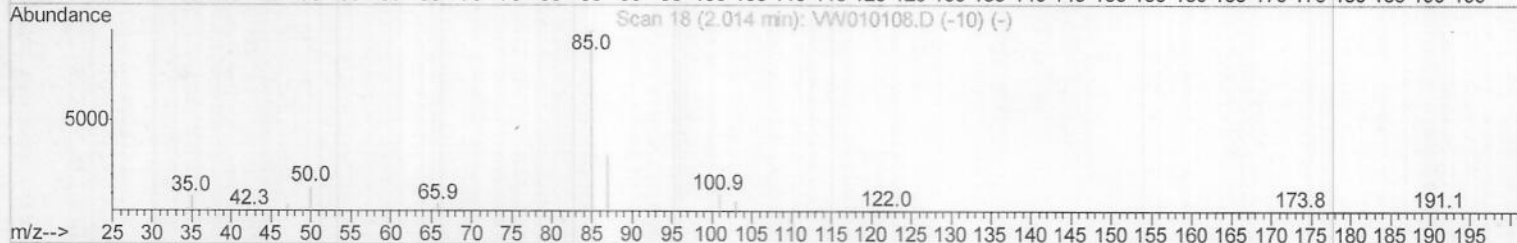
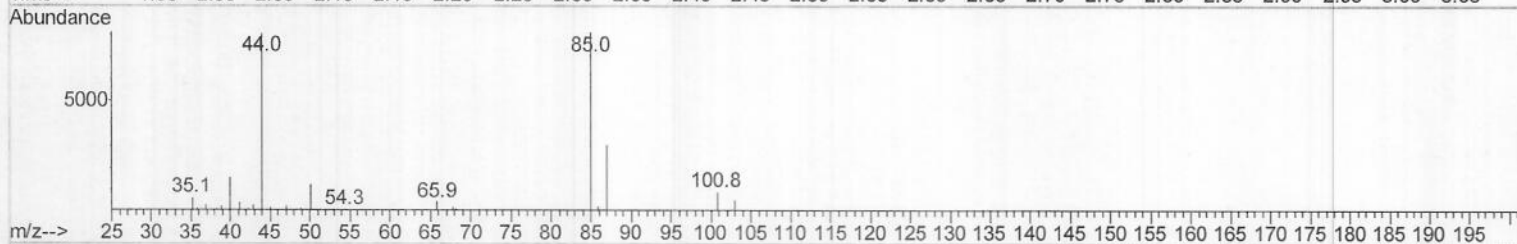
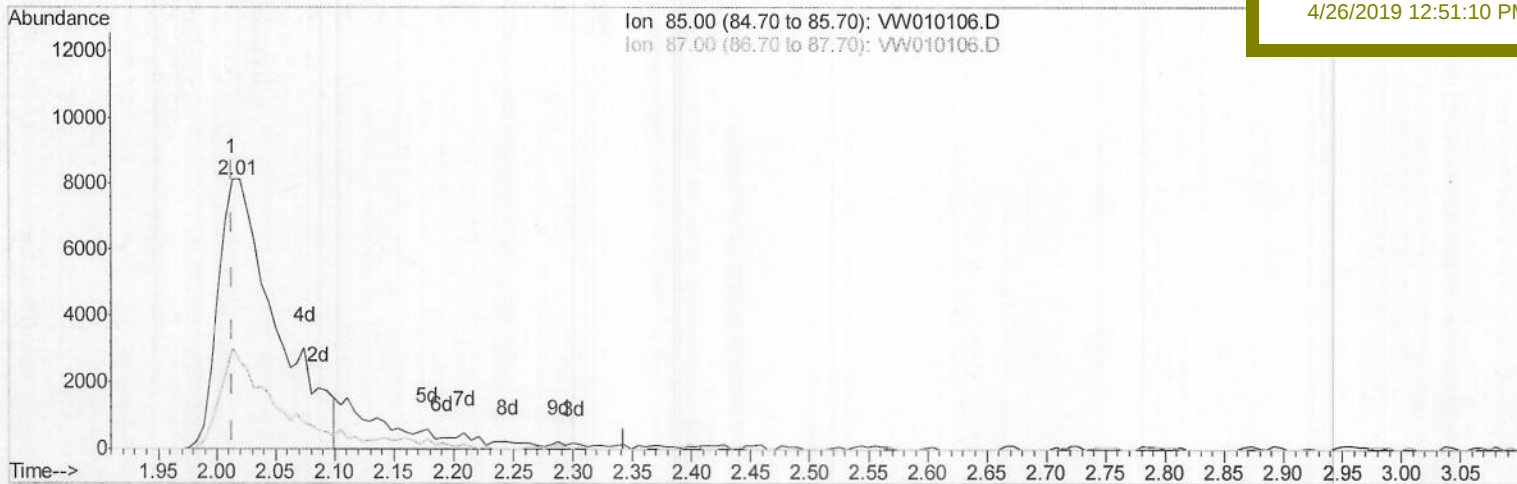
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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 11:30:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VSTD2.513

Manual Integrations
APPROVED

MMdadoda
4/26/2019 12:51:10 PM



TIC: VW010106.D

(2) Dichlorodifluoromethane (T)

2.013min (-0.000) 2.29ug/L m

response 27638

Ion	Exp%	Act%
85.00	100	100
87.00	32.40	19.25#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
4/29/19

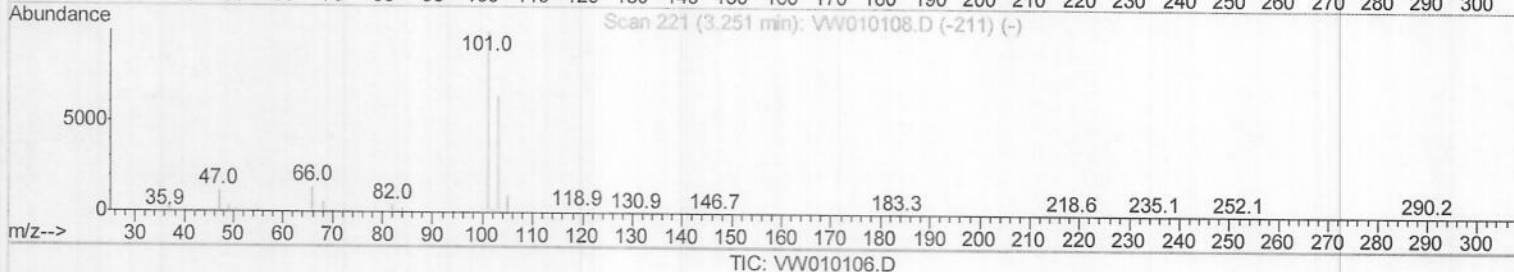
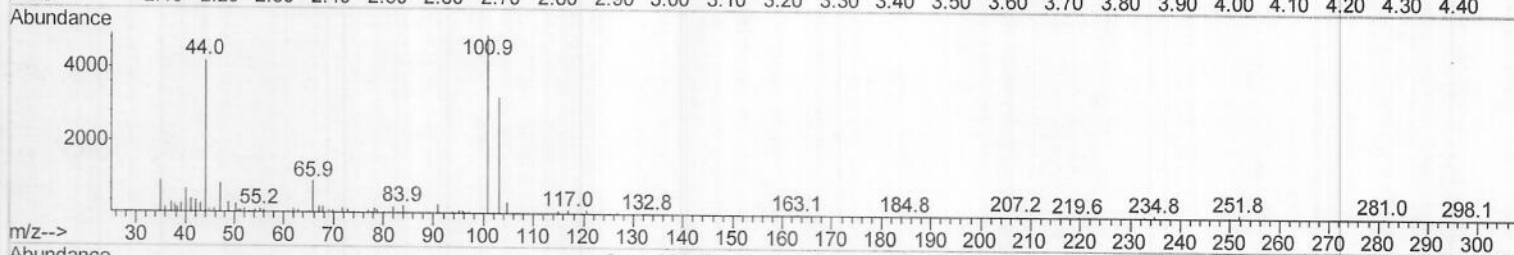
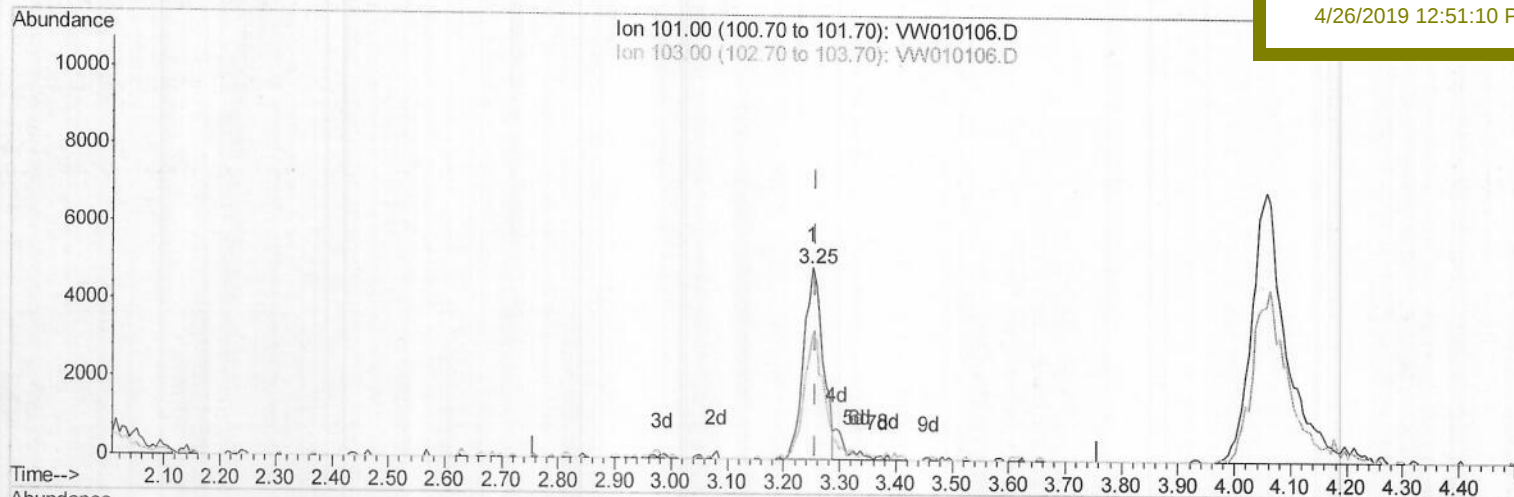
Data File : VW010106.D
Acq On : 24 Apr 2019 10:00
Operator : SY/VA
Sample : VSTD2.513
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 11:33:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 11:30:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.513

Manual Integrations
APPROVED

MMdadoda
4/26/2019 12:51:10 PM



(9) Trichlorofluoromethane (T)

3.251min (-0.006) 1.37ug/L

response 11652

Ion	Exp%	Act%
101.00	100	100
103.00	63.60	69.43
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042419\
Quantitation Report (Qedit)

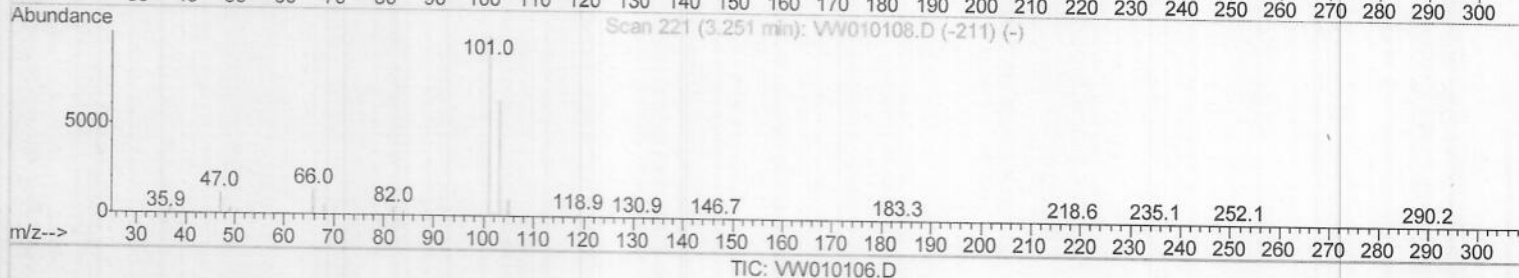
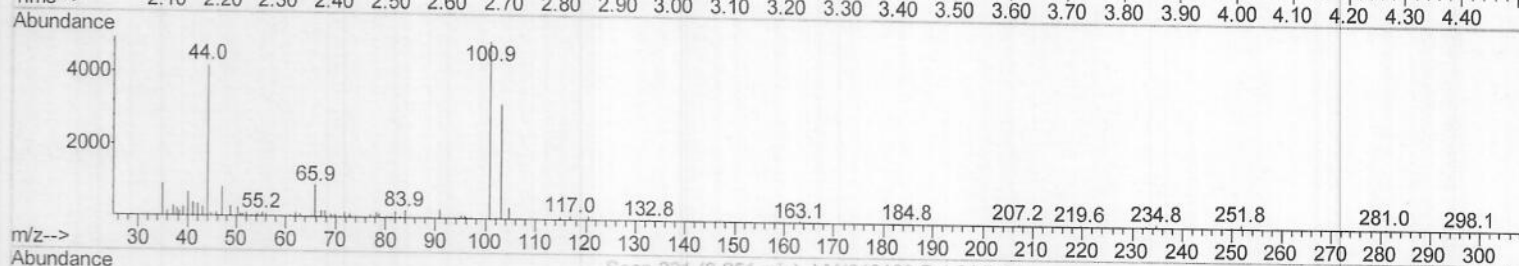
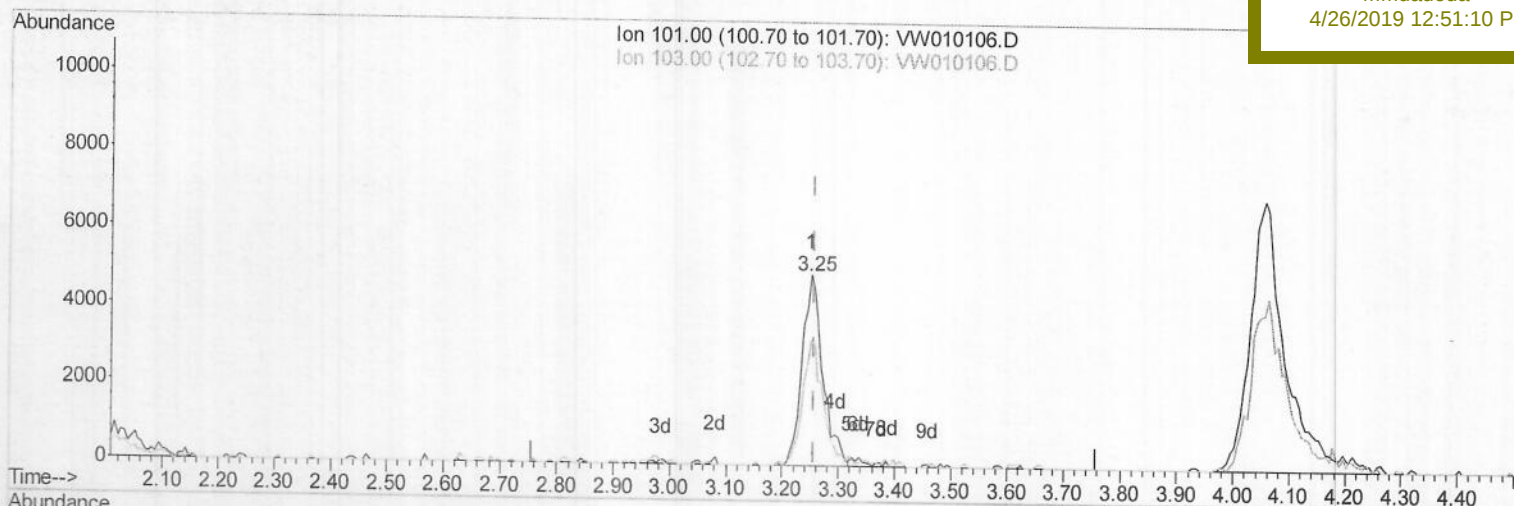
Data File : VW010106.D
Acq On : 24 Apr 2019 10:00
Operator : SY/VA
Sample : VSTD2.513
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 11:33:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 11:30:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VSTD2.513

Manual Integrations
APPROVED

MMdadoda
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(9) Trichlorofluoromethane (T)

3.251min (-0.006) 1.46ug/L m

response 12474

Ion Exp% Act%

101.00 100 100

103.00 63.60 64.85

0.00 0.00 0.00

0.00 0.00 0.00

M.D
4/29/19

Data File : VW010106.D
Acq On : 24 Apr 2019 10:00
Operator : SY/VA
Sample : VSTD2.513
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VSTD2.513

Quant Time: Apr 24 11:38:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	859995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	370008	25.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	2.35	65	20609	2.54	ug/L	0.00
7) Chloroethane-d5	2.89	69	17261	2.10	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	62767	2.78	ug/L	0.00
20) 2-Butanone-d5	7.08	46	18061	4.11	ug/L	0.00
24) Chloroform-d	7.65	84	59243	2.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	35625	2.31	ug/L	0.00
29) Benzene-d6	8.27	84	113096	2.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	35712	2.60	ug/L	0.00
37) Toluene-d8	10.32	98	101758	2.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	15625	2.40	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	11281	3.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28904	2.25	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	35276	2.54	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	27638m	2.291	ug/L	
3) Chloromethane	2.21	50	22090	2.009	ug/L	97
5) Vinyl chloride	2.37	62	26192	2.532	ug/L	91
6) Bromomethane	2.78	94	15718	2.057	ug/L	98
8) Chloroethane	2.92	64	15375	2.070	ug/L	94
9) Trichlorofluoromethane	3.25	101	12474m	1.465	ug/L	
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	29303	2.642	ug/L	90
12) 1,1-Dichloroethene	4.04	96	28222	2.718	ug/L	84
13) Acetone	4.12	43	18330	4.689	ug/L	98
14) Carbon disulfide	4.38	76	78116	2.654	ug/L	98
15) Methyl Acetate	4.67	43	18316	2.321	ug/L	97
16) Methylene chloride	4.92	84	35249	2.264	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	36568	2.407	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	31088	2.646	ug/L	86
19) 1,1-Dichloroethane	6.21	63	58339	2.491	ug/L	96
21) 2-Butanone	7.18	43	22453	4.386	ug/L	93
22) cis-1,2-Dichloroethene	7.16	96	30738	2.410	ug/L	98
23) Bromochloromethane	7.51	128	13842	2.331	ug/L	99
25) Chloroform	7.68	83	55992	2.336	ug/L	95
27) 1,2-Dichloroethane	8.40	62	42396	2.298	ug/L	99
30) Cyclohexane	7.95	56	48335	2.721	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	43069	2.624	ug/L	99
32) Carbon tetrachloride	8.07	117	42804	2.656	ug/L	98
34) Benzene	8.32	78	122748	2.651	ug/L	100
35) Trichloroethene	9.09	95	32863	2.730	ug/L	99
36) Methylcyclohexane	9.34	83	50371	2.605	ug/L	97
40) 1,2-Dichloropropane	9.37	63	31085	2.539	ug/L	96
41) Bromodichloromethane	9.64	83	38845	2.324	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	44601	2.363	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	42979	4.262	ug/L	99

M.D
4/29/19

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Manual Integrations
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4/26/2019 12:51:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	126575	2.577	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	38035	2.282	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	21652	2.268	ug/L	98
47) Tetrachloroethene	10.86	164	23763	2.527	ug/L	90
49) 2-Hexanone	10.97	43	29658	4.140	ug/L	98
50) Dibromochloromethane	11.13	129	25360	2.237	ug/L	100
51) 1,2-Dibromoethane	11.23	107	22529	2.410	ug/L	94
52) Chlorobenzene	11.66	112	83468	2.604	ug/L	95
53) Ethylbenzene	11.73	91	138605	2.525	ug/L	99
54) m,p-Xylene	11.84	106	50578	2.519	ug/L	93
55) o-xylene	12.16	106	46983	2.440	ug/L	94
56) Styrene	12.18	104	75688	2.245	ug/L	97
57) Isopropylbenzene	12.47	105	127874	2.493	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	28082	2.236	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	22067	2.347	ug/L	100
62) Bromoform	12.35	173	15148	2.331	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	59174	2.647	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	64419	2.682	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	55717	2.540	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	5429	2.446	ug/L	85
67) 1,3,5-Trichlorobenzene	14.63	180	44259	2.703	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	33698	2.512	ug/L	95
69) Naphthalene	15.37	128	108030	3.752	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	33326	2.604	ug/L	96

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