

Quantitation Report (QT/LSC Reviewed)

Instrument :
MSVOA_W
ClientSampleId :
DAXN5

Manual Integrations APPROVED

Abundance

TIC: VW003350.D

0/22/2016 4:55:30

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1,1-Dichloroethane, T

2-Butanone-d5, S

cis-1,2-Dichloroethene, T

Bromochloromethane, T

1,1,1-Trichloroethane, T

Benzene-d6, S

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichloroethane-d4, S

1,3-Dichloropropane-d6, S

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, I

trans-1,3-Dichloropropene-d5, T

1,1,2-Trichloroethane, I

2-Hexanone-d5, S

Dibromochloromethane, T

Chlorobenzene-d5, I

Styrene, T

Bromoform, T

1,1,2,2-Tetrachloroethane-d2, S

1,2-Dibromo-3-chloropropane, T

1,2,3-Trichlorobenzene, T

1,2-Dichlorobenzene-d4, S

1,3-Dichlorobenzene-d4, I

1,4-Dichlorobenzene-d4, I

Dichlorodifluoromethane, T

Vinyl Chloride-d3, S

Chloroethane-d5, S

1,1,1-Trichloroethane-d2, S

Acetone, T

Carbon disulfide, T

Methylene chloride, T

trans-1,2-Dichloroethene, T

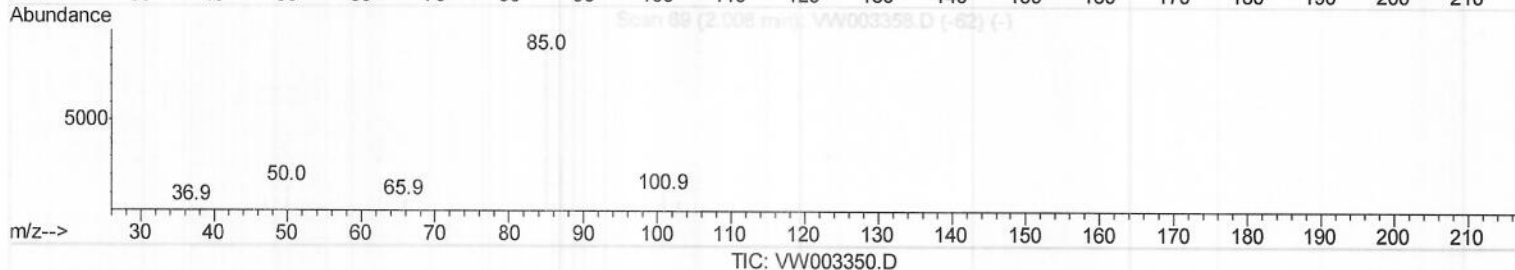
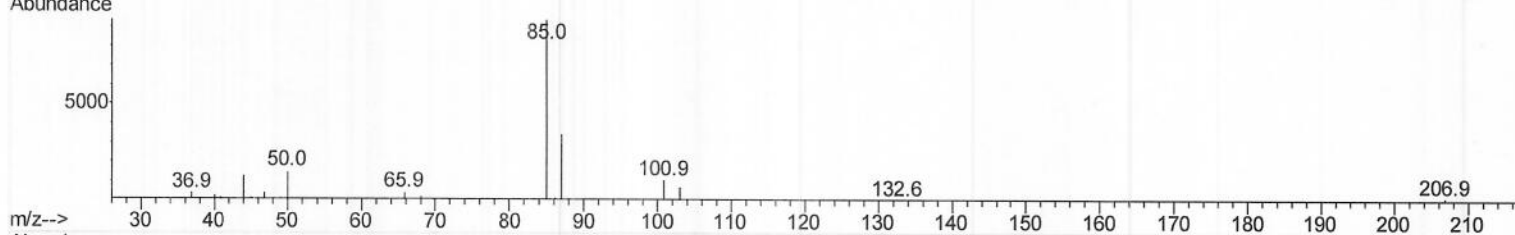
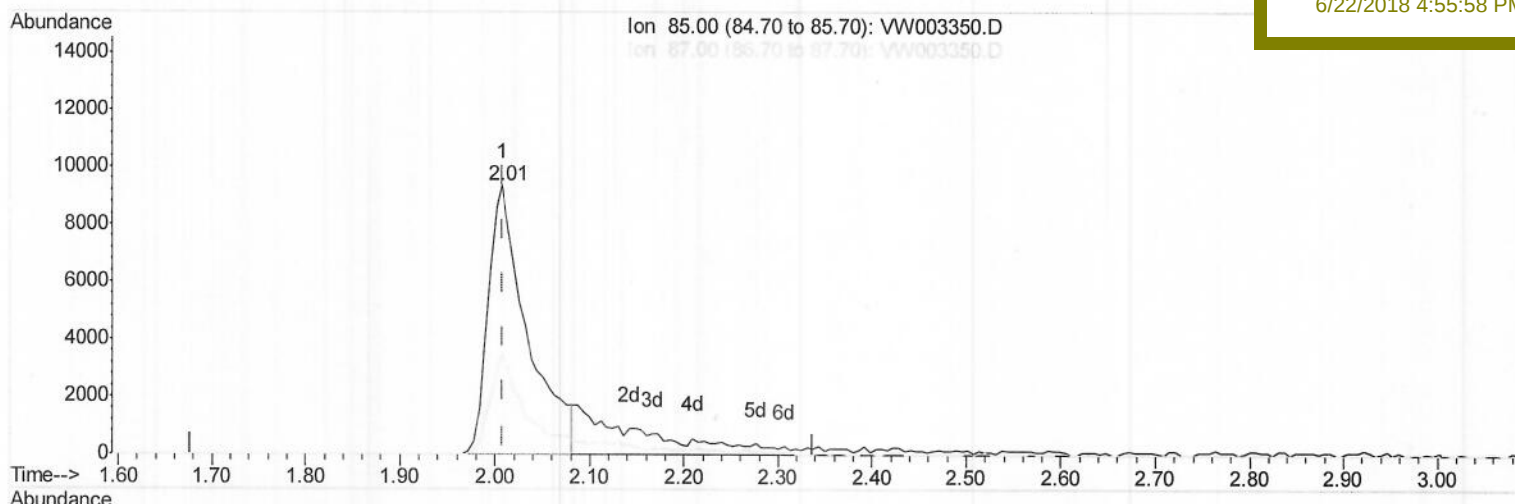
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
DAXN5

Manual Integrations
APPROVED

MMDadoda
6/22/2018 4:55:58 PM

Quant Time: Jun 21 04:27:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 21 04:12:02 2018
Response via : Initial Calibration



(2) Dichlorodifluoromethane (T)

2.008min (-0.000) 11.79ug/L

response 26763

Ion	Exp%	Act%
85.00	100	100
87.00	24.40	31.15
0.00	0.00	0.00
0.00	0.00	0.00

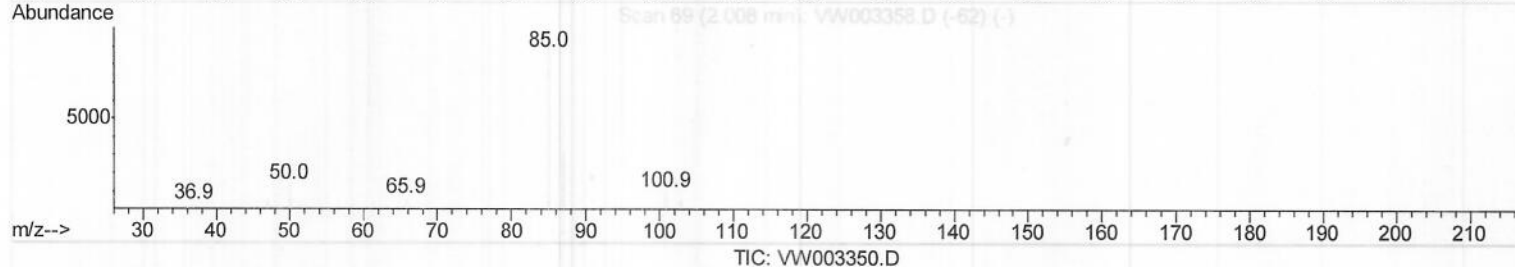
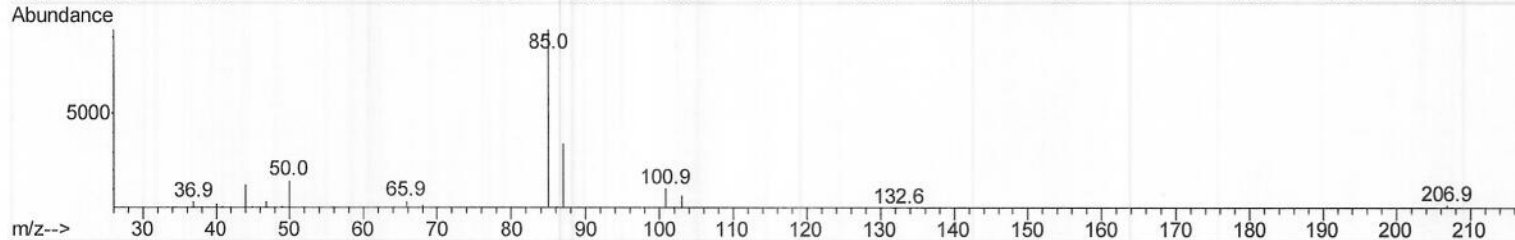
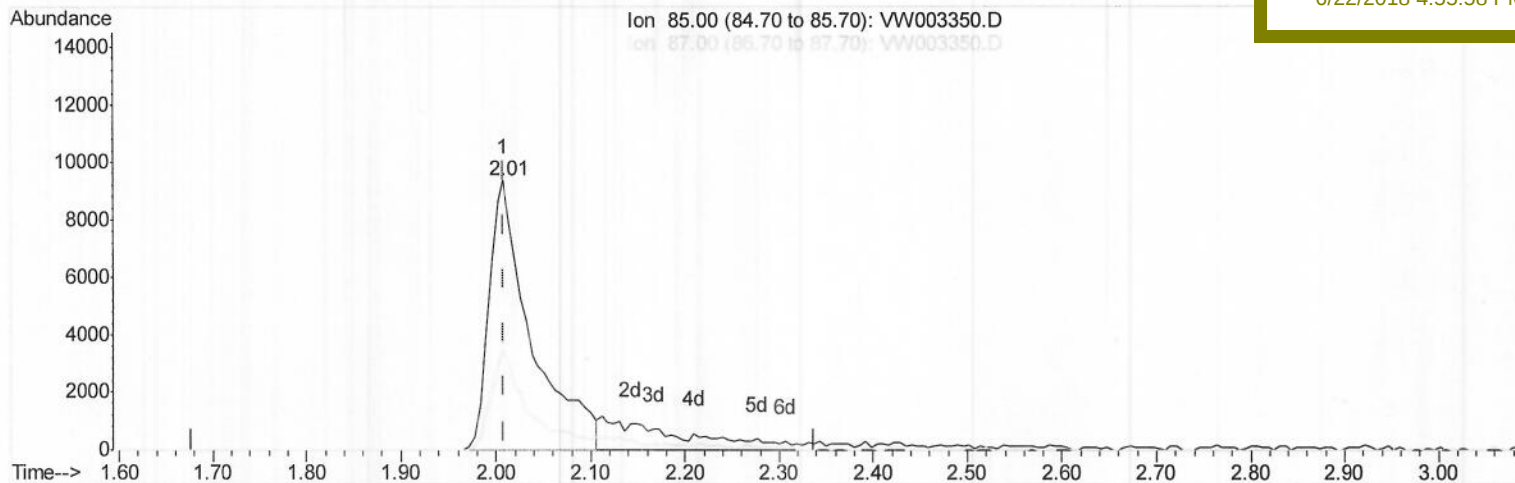
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Manual Integrations
APPROVED

MMDadoda
6/22/2018 4:55:58 PM



(2) Dichlorodifluoromethane (T)

2.008min (-0.000) 12.67ug/L m

response 28758

> MD
06/30/18

Ion	Exp%	Act%
85.00	100	100
87.00	24.40	28.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062018\

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Operator : SY/AP

Sample : J3568-14

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 21:38:58 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

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MSVOA_W

Client Sampled :

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Manual Integrations

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MMDadoda

6/22/2018 4:55:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	413234	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	393500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	208872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126200	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.08%		
7) Chloroethane-d5	2.89	69	108620	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.92%		
10) 1,1-Dichloroethene-d2	4.01	63	222491	19.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.96%		
20) 2-Butanone-d5	7.10	46	71295	40.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.74%		
24) Chloroform-d	7.65	84	236298	21.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.96%		
26) 1,2-Dichloroethane-d4	8.31	65	142581	22.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.28%		
29) Benzene-d6	8.27	84	457583	21.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.68%		
33) 1,2-Dichloropropane-d6	9.28	67	142898	21.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.48%		
37) Toluene-d8	10.33	98	448280	22.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.84%		
38) trans-1,3-Dichloropropene-	10.58	79	67220	21.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.64%		
39) 2-Hexanone-d5	10.93	63	55986	41.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.90%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	128025	20.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.28%		
61) 1,2-Dichlorobenzene-d4	13.87	152	165223	20.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.76%		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	28758m)	12.670	ug/L	
5) Vinyl chloride	2.36	62	77011	10.913	ug/L	99
8) Chloroethane	2.92	64	73446	17.082	ug/L	100
12) 1,1-Dichloroethene	4.03	96	64980	12.580	ug/L	# 67
13) Acetone	4.15	43	333519	177.179	ug/L	98
14) Carbon disulfide	4.37	76	308535	18.514	ug/L	99
16) Methylene chloride	4.90	84	169000	29.681	ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	134841	25.053	ug/L	93
19) 1,1-Dichloroethane	6.21	63	104307	10.385	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	175756	30.727	ug/L	95
23) Bromochloromethane	7.51	128	102479	38.729	ug/L	99
25) Chloroform	7.68	83	120247	11.645	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	344804	39.884	ug/L	100
32) Carbon tetrachloride	8.07	117	122006	14.608	ug/L	98
35) Trichloroethene	9.09	95	181724	30.048	ug/L	99
40) 1,2-Dichloropropane	9.37	63	112354	19.027	ug/L	99
41) Bromodichloromethane	9.65	83	94511	12.452	ug/L	98

MD
06/30/18

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6/22/2018 4:55:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	10.07	75	101060	11.468	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	168130	39.854	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	162375	20.362	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	45412	10.301	ug/L	98
47) Tetrachloroethene	10.87	164	98195	19.321	ug/L	98
49) 2-Hexanone	10.98	43	217318	69.128	ug/L	99
50) Dibromochloromethane	11.13	129	66324	12.359	ug/L	99
51) 1,2-Dibromoethane	11.24	107	84578	19.307	ug/L	93
56) Styrene	12.19	104	306497	18.409	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	164626	28.328	ug/L	100
62) Bromoform	12.35	173	65438	18.615	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	326041	25.387	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	38769	36.029	ug/L	90
70) 1,2,3-Trichlorobenzene	15.57	180	69941	9.393	ug/L	99

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