

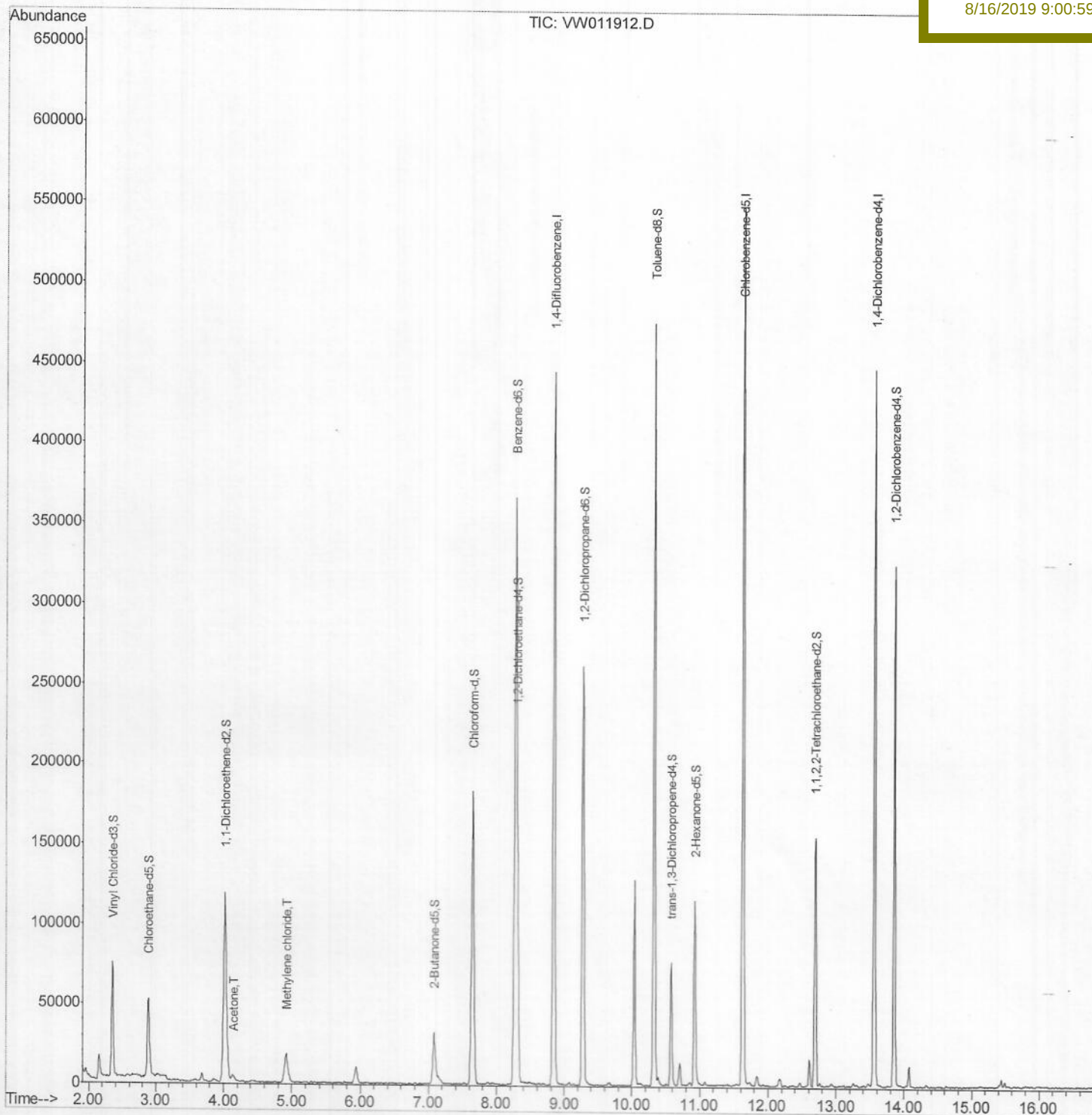
Data File : VW011912.D
Acq On : 14 Aug 2019 11:36
Operator : SY/VA
Sample : K4215-22
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 16 05:55:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 05:35:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
ETOC6

Manual Integrations
APPROVED

MMDadoda
8/16/2019 9:00:59 AM



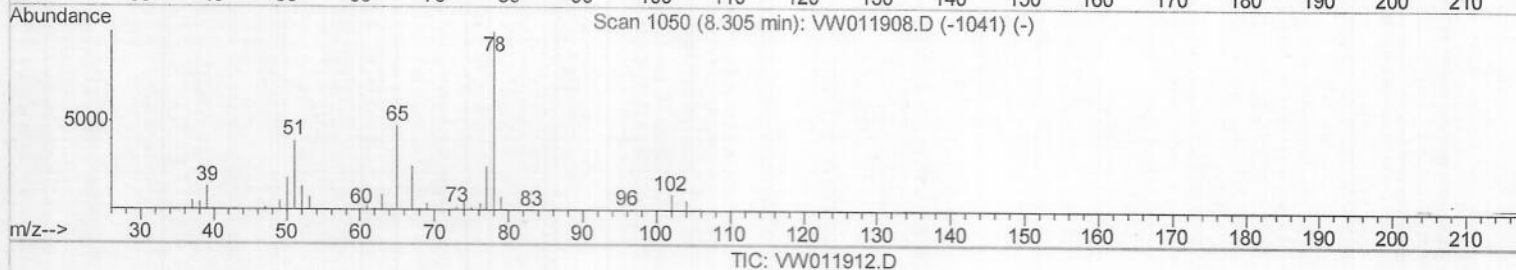
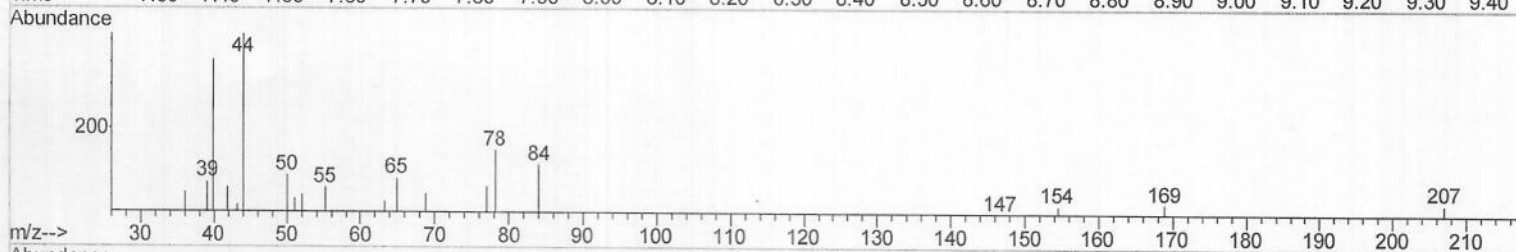
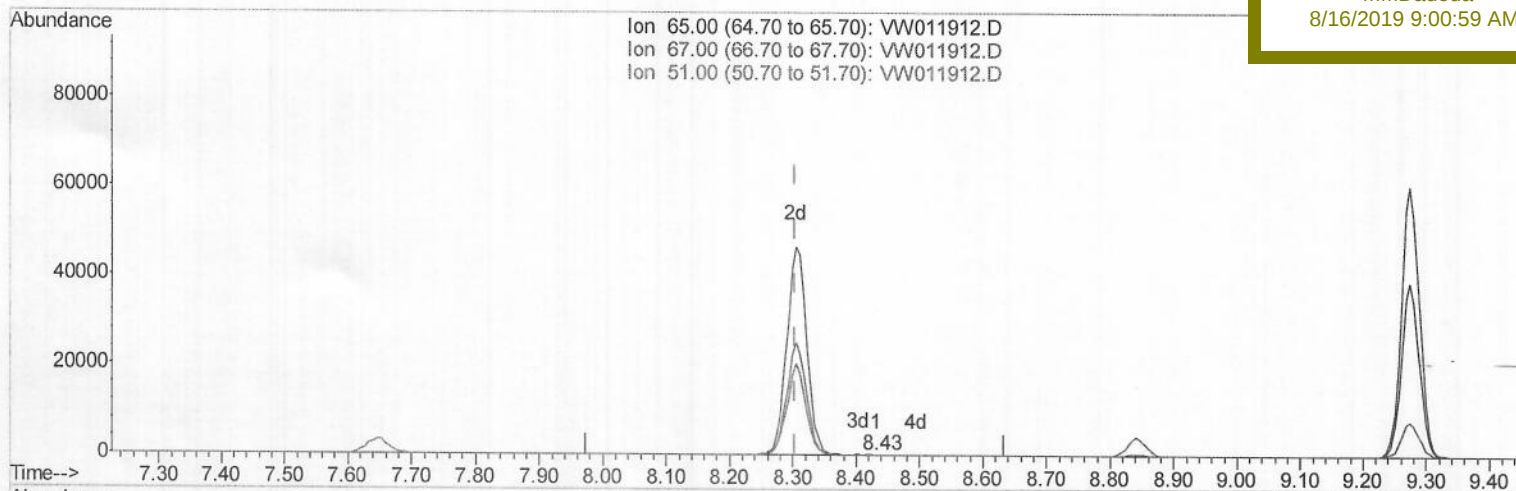
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8/16/2019 9:00:59 AM



(26) 1,2-Dichloroethane-d4 (S)

8.433min (+0.128) 0.02ug/L

response 108

Ion	Exp%	Act%
65.00	100	100
67.00	52.30	49.07
51.00	117.50	111.11
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081419\
Quantitation Report (Qedit)

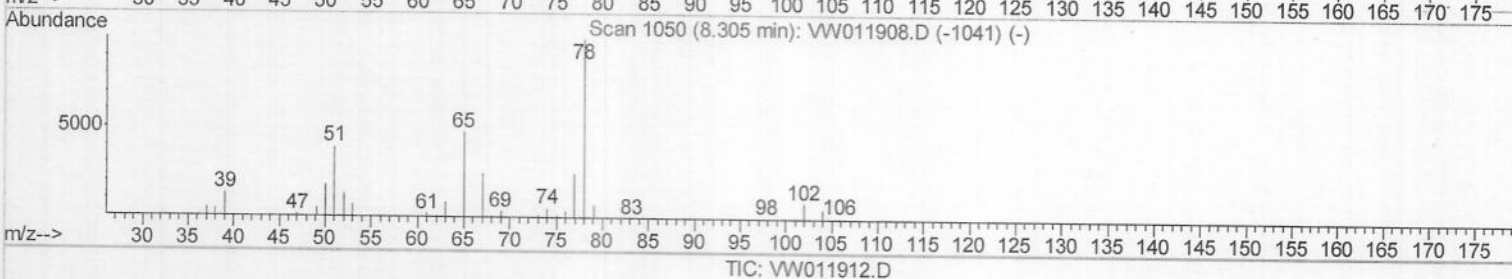
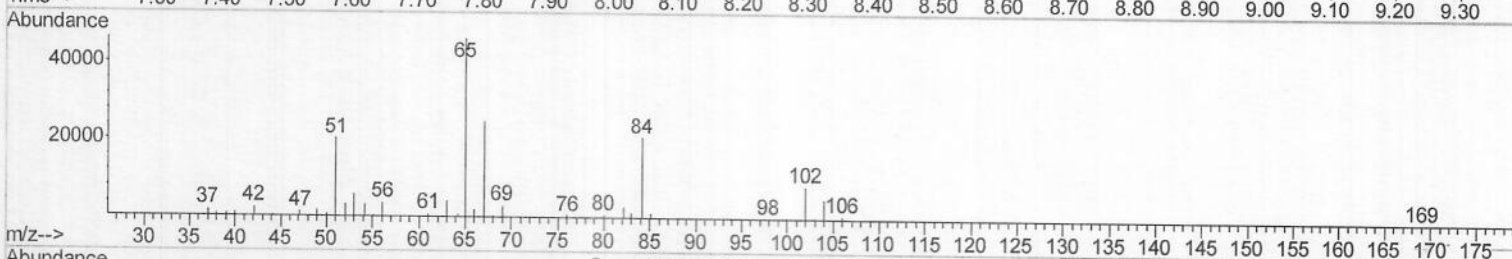
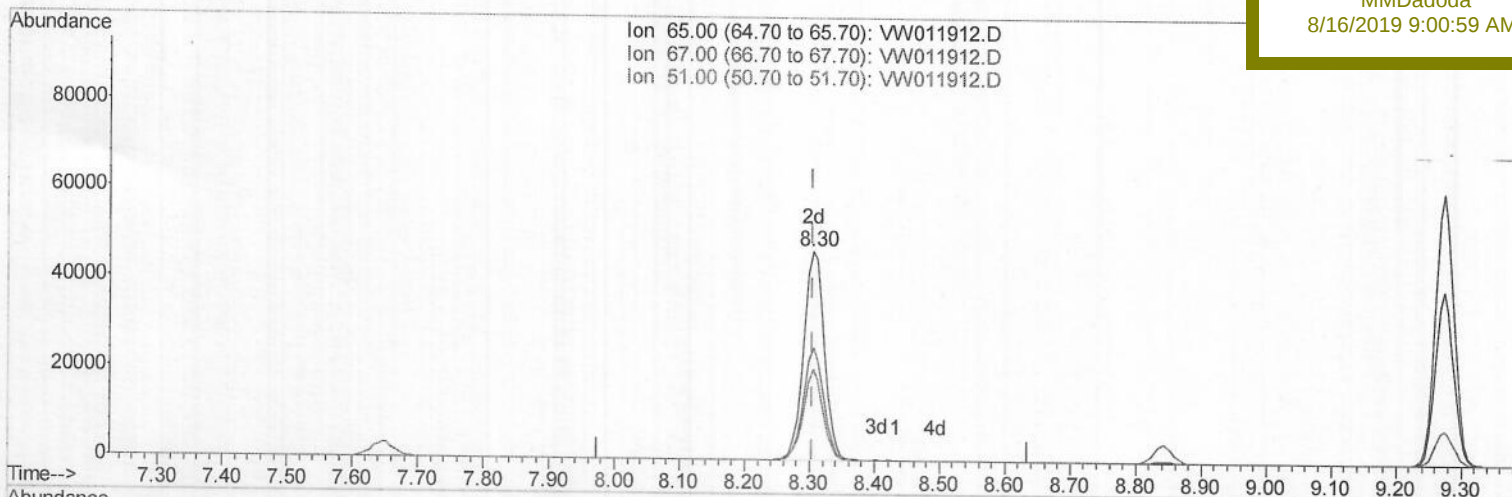
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Manual Integrations
APPROVED

MMDadoda
8/16/2019 9:00:59 AM



(26) 1,2-Dichloroethane-d4 (S)

8.305min (-0.000) 18.36ug/L m

> MD 08/28/19

response 103019

Ion	Exp%	Act%
65.00	100	100
67.00	52.30	0.05#
51.00	117.50	0.12#
0.00	0.00	0.00

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
Client Sampled :
ETOC6

Manual Integrations
APPROVED

MMDadoda
8/16/2019 9:00:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284627	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75998	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.52%
7) Chloroethane-d5	2.89	69	63579	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
10) 1,1-Dichloroethene-d2	4.02	63	140221	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	7.08	46	58544	26.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.48%
24) Chloroform-d	7.65	84	181010	19.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.36%
26) 1,2-Dichloroethane-d4	8.30	65	103019m	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	353466	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.27	67	119016	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.32	98	294202	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.08%
38) trans-1,3-Dichloropropene-	10.58	79	41461	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.48%
39) 2-Hexanone-d5	10.93	63	36503	27.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75328	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	79265	18.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.32%

Target Compounds

					Qvalue
13) Acetone	4.13	43	4900	2.090 ug/L	94
16) Methylene chloride	4.92	84	13413	2.489 ug/L	88

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