

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022620\
Quantitation Report (Qedit)

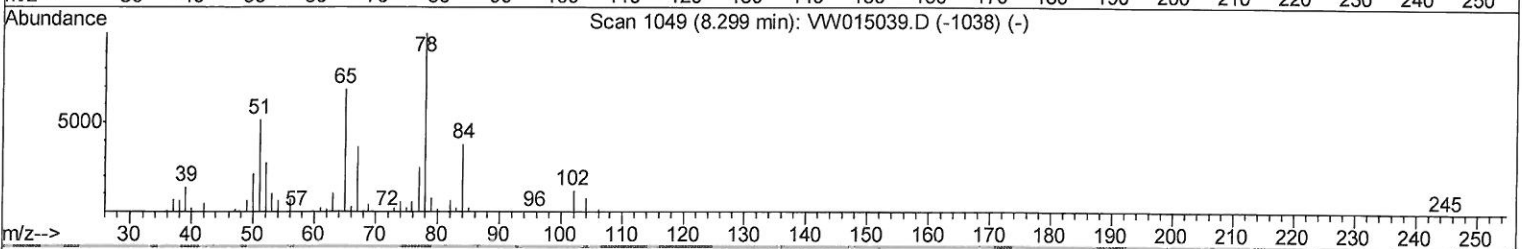
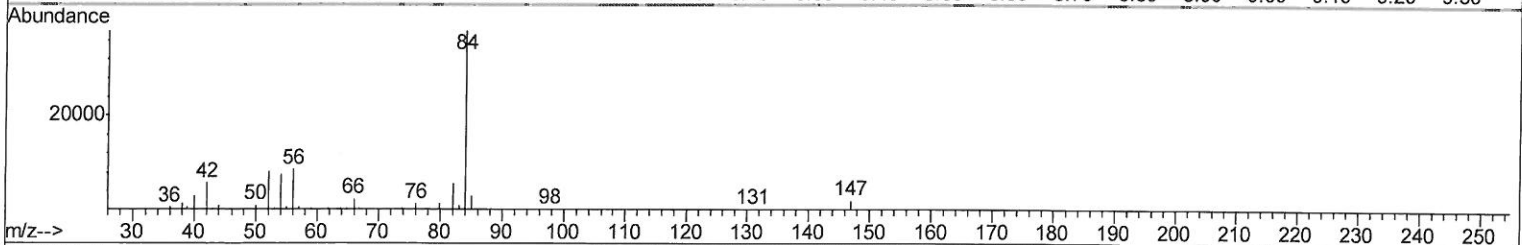
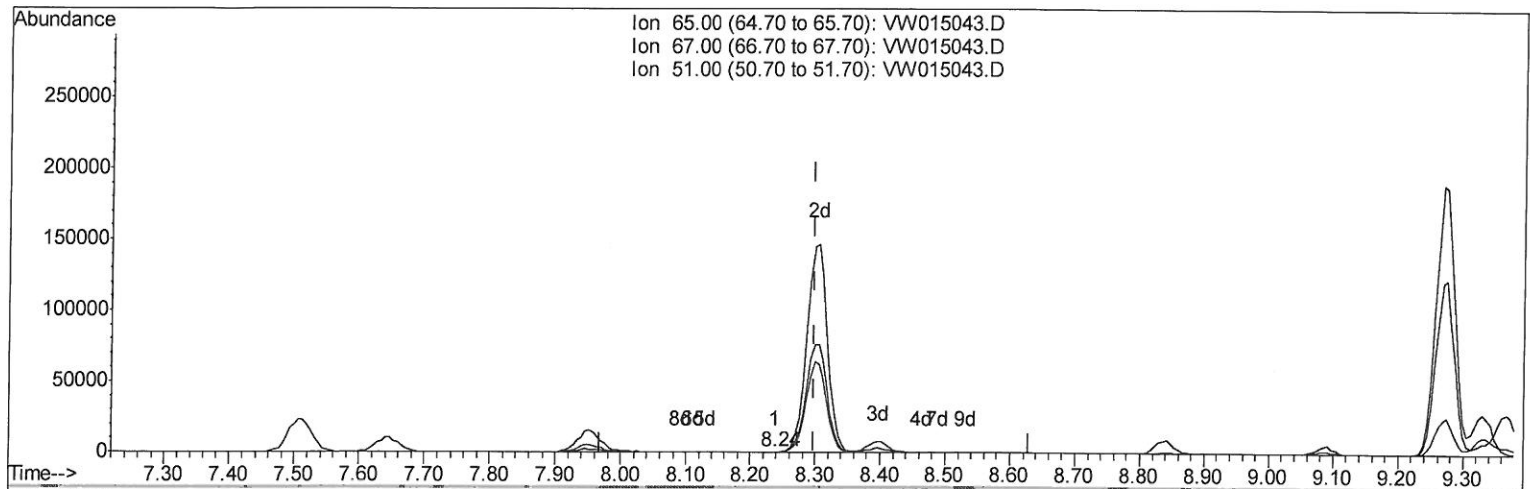
Data File : VW015043.D
Acq On : 26 Feb 2020 14:02
Operator : SY/VA
Sample : L1686-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW09

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:23 PM

Quant Time: Feb 27 02:04:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration



TIC: VW015043.D

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

8.238min (-0.061) 0.02ug/L

response 196

Ion	Exp%	Act%
65.00	100	100
67.00	53.00	53.06
51.00	129.10	97.96
0.00	0.00	0.00

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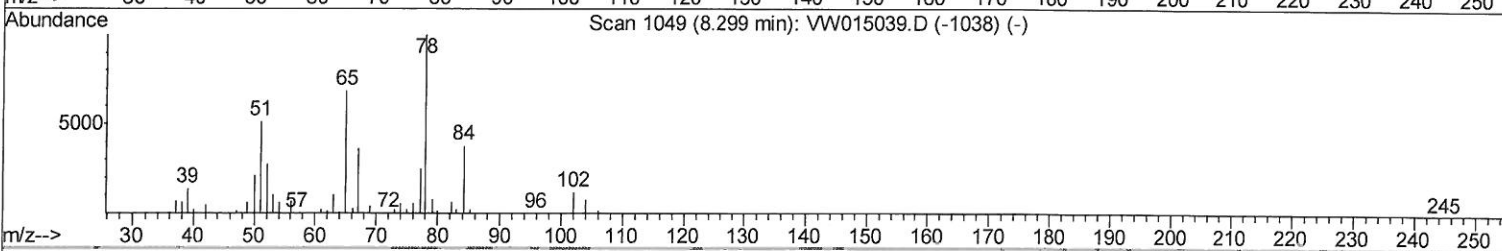
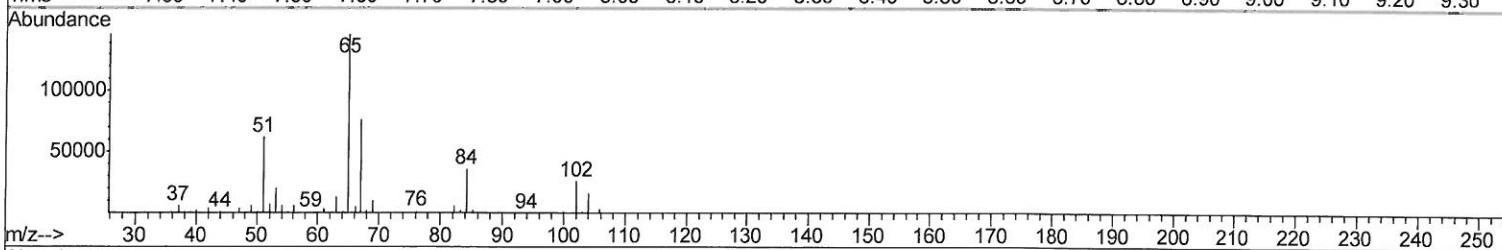
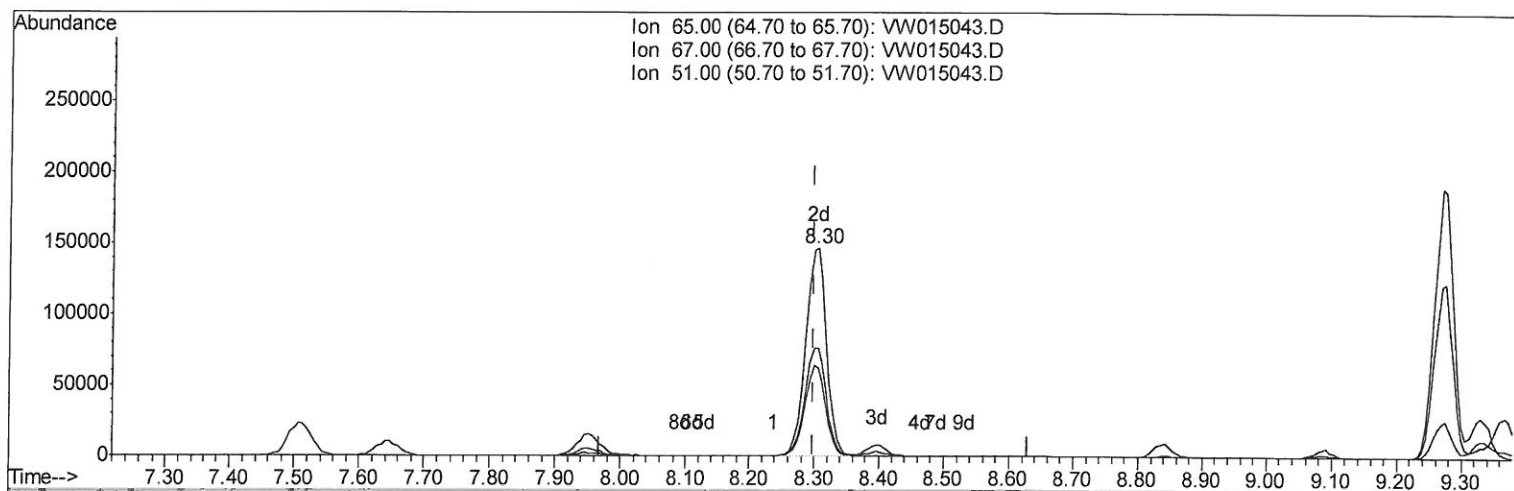
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TIC: VW015043.D

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

8.305min (+0.006) 25.44ug/L m

response 325137

Ion	Exp%	Act%
65.00	100	100
67.00	53.00	0.03#
51.00	129.10	0.06#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	695317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	655979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	276372	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	381108	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	2.89	69	279359	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
10) 1,1-Dichloroethene-d2	4.02	63	638063	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.07	46	159137	54.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.48%
24) Chloroform-d	7.65	84	545274	23.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	8.30	65	325137m	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.27	84	1131288	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	9.27	67	378629	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	945014	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	143044	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.56%
39) 2-Hexanone-d5	10.92	63	114703	57.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	247872	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	249708	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	277929	20.435	ug/L	98
6) Bromomethane	2.78	94	72149	9.133	ug/L	99
9) Trichlorofluoromethane	3.26	101	109169	13.766	ug/L	99
12) 1,1-Dichloroethene	4.04	96	237440	22.833	ug/L #	76
13) Acetone	4.12	43	299431	87.084	ug/L	97
15) Methyl Acetate	4.67	43	260385	44.974	ug/L	99
16) Methylene chloride	4.91	84	146506	11.384	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	433851	34.468	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	119827	11.153	ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	294848	26.967	ug/L	95
23) Bromochloromethane	7.51	128	70548	16.587	ug/L	97
27) 1,2-Dichloroethane	8.40	62	167942	11.287	ug/L	99
30) Cyclohexane	7.96	56	222933	10.165	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	176988	10.462	ug/L	99
32) Carbon tetrachloride	8.06	117	193812	12.784	ug/L	99
35) Trichloroethene	9.09	95	496704	42.080	ug/L	99
36) Methylcyclohexane	9.34	83	572722	28.256	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
40) 1,2-Dichloropropane	9.37	63	191221	14.110	ug/L	99
41) Bromodichloromethane	9.64	83	324406	21.339	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	321800	18.222	ug/L	100
44) Toluene	10.38	91	1057276	22.310	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	131617	9.221	ug/L	99
47) Tetrachloroethene	10.86	164	313506	41.210	ug/L	95
49) 2-Hexanone	10.97	43	302379	55.023	ug/L	96
50) Dibromochloromethane	11.12	129	170873	21.053	ug/L	96
53) Ethylbenzene	11.73	91	815197	15.746	ug/L	99
54) m,p-Xylene	11.84	106	191527	10.574	ug/L	99
55) o-xylene	12.16	106	215137	12.747	ug/L	97
57) Isopropylbenzene	12.46	105	594792	12.941	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	366739	20.341	ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	179905	11.018	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	31049	21.538	ug/L	94

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

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