

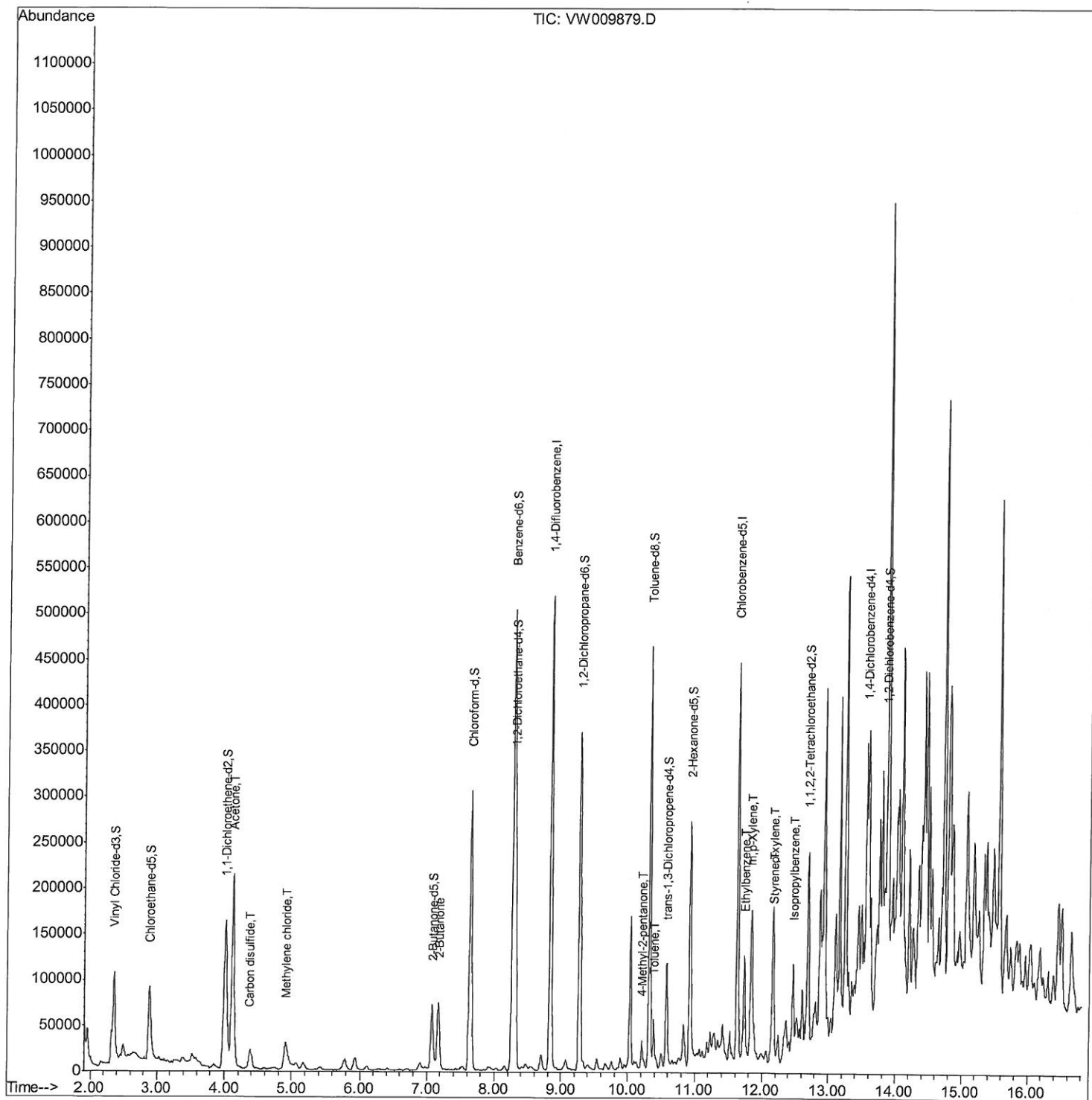
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:47:02 PM

Quant Time: Apr 11 02:26:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

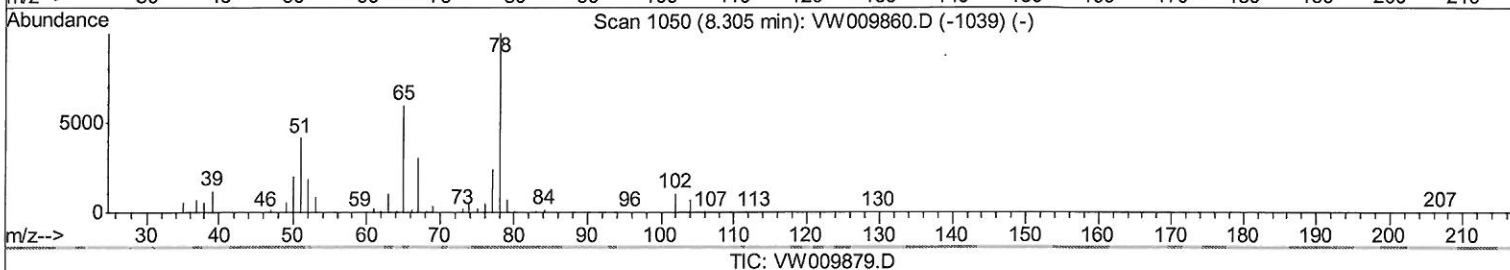
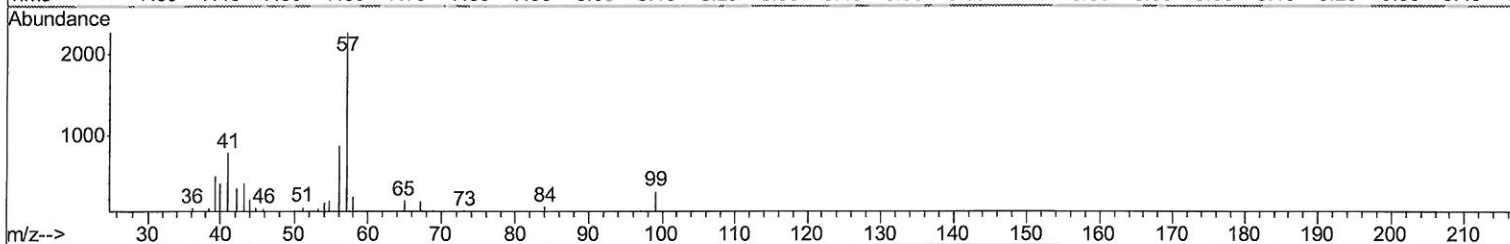
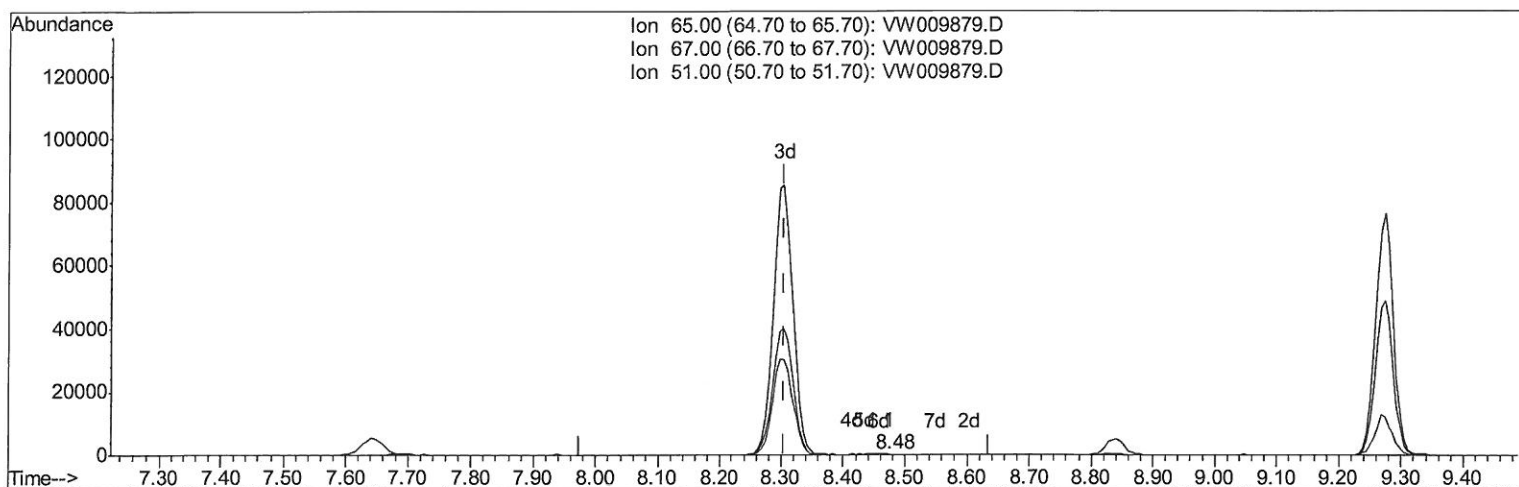
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(26) 1,2-Dichloroethane-d4 (S)

8.475min (+0.171) 0.02ug/L

response 151

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	55.63
51.00	109.90	91.39
0.00	0.00	0.00

Quantitation Report (Qedit)

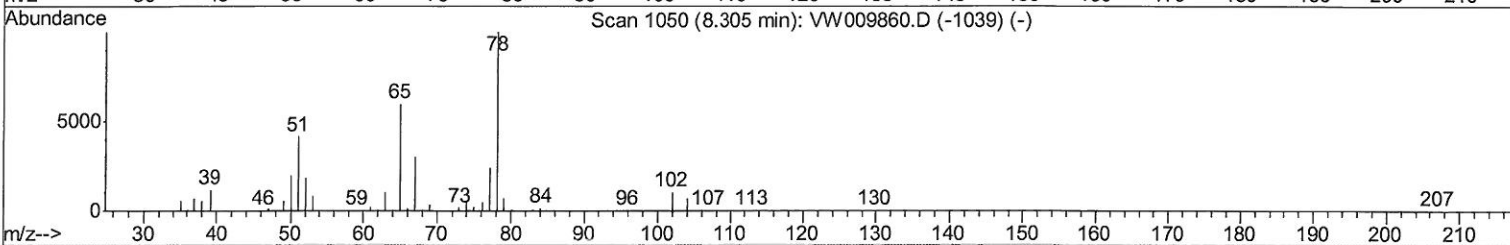
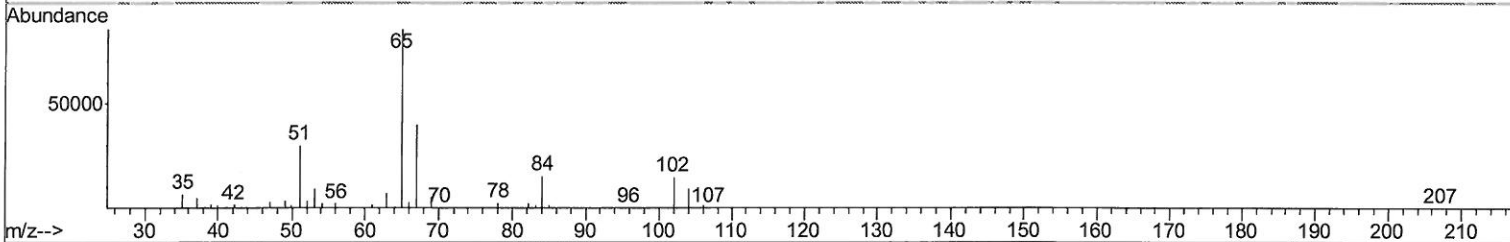
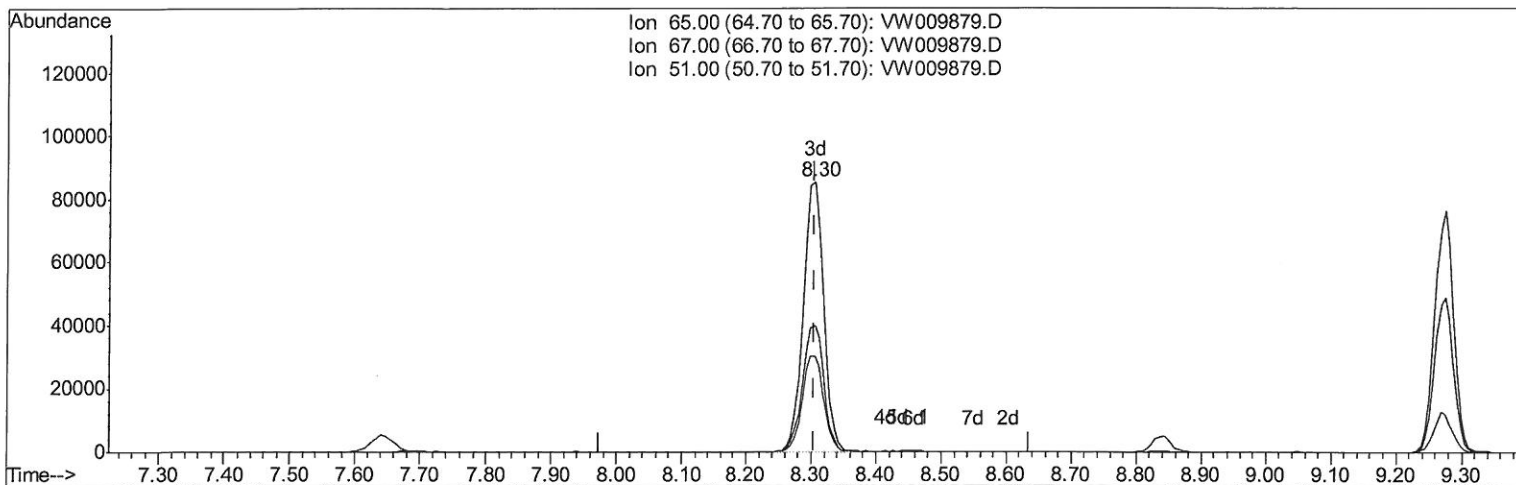
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 MSVOA_W
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Manual Integrations
APPROVED

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 4/11/2019 2:47:02 PM

Quant Time: Apr 10 13:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
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 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration



TIC: VW009879.D

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

8.305min (-0.000) 28.20ug/L m

response 186472

> M.D.
04/11/19

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.05#
51.00	109.90	0.07#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49526	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124479	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	2.89	69	116446	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.01	63	197411	17.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	120990	72.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.30%#
24) Chloroform-d	7.65	84	282678	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	8.30	65	186472m	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.80%
29) Benzene-d6	8.27	84	465966	40.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.36%#
33) 1,2-Dichloropropane-d6	9.27	67	153133	42.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.64%#
37) Toluene-d8	10.32	98	280142	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.57	79	55586	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.88%
39) 2-Hexanone-d5	10.93	63	76816	113.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	227.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93200	27.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	43694	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

MD
 04/13/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	367449	204.501	ug/L	100
14) Carbon disulfide	4.37	76	32247	1.979	ug/L	96
16) Methylene chloride	4.90	84	23560	3.385	ug/L	92
21) 2-Butanone	7.17	43	119558	52.318	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	19391	7.321	ug/L	100
44) Toluene	10.38	91	37452	2.654	ug/L	99
53) Ethylbenzene	11.73	91	70124	4.363	ug/L	94
54) m,p-Xylene	11.84	106	43592	7.332	ug/L	88
55) o-xylene	12.17	106	39448	6.967	ug/L	96
56) Styrene	12.18	104	9842	1.002	ug/L	85
57) Isopropylbenzene	12.47	105	18717	1.207	ug/L #	57

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