

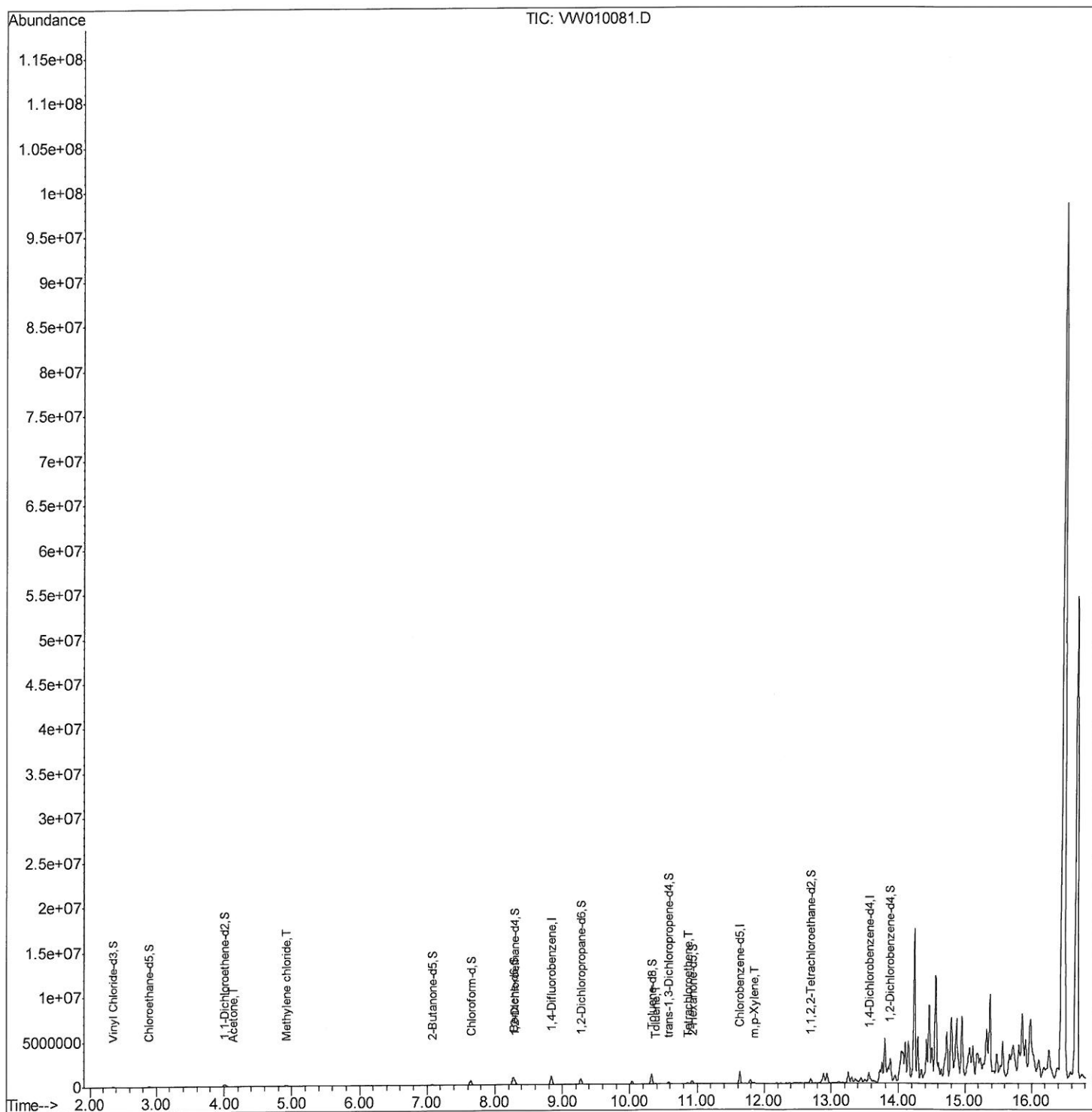
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
Data File : VW010081.D
Acq On : 22 Apr 2019 14:13
Operator : SY/VA
Sample : K2455-09
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ9

Manual Integrations
APPROVED

MMDadoda
4/24/2019 12:33:59 AM

Quant Time: Apr 23 07:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

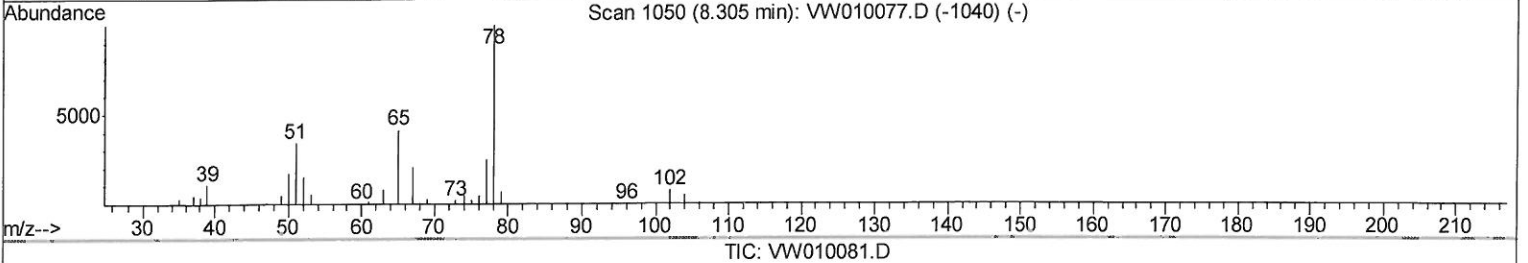
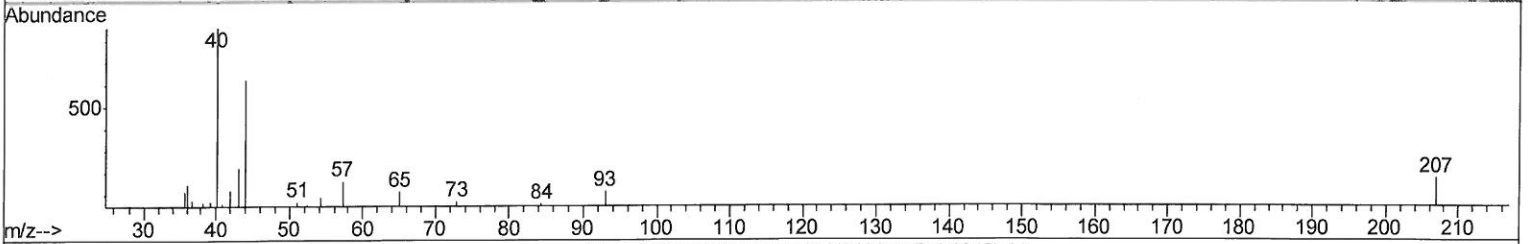
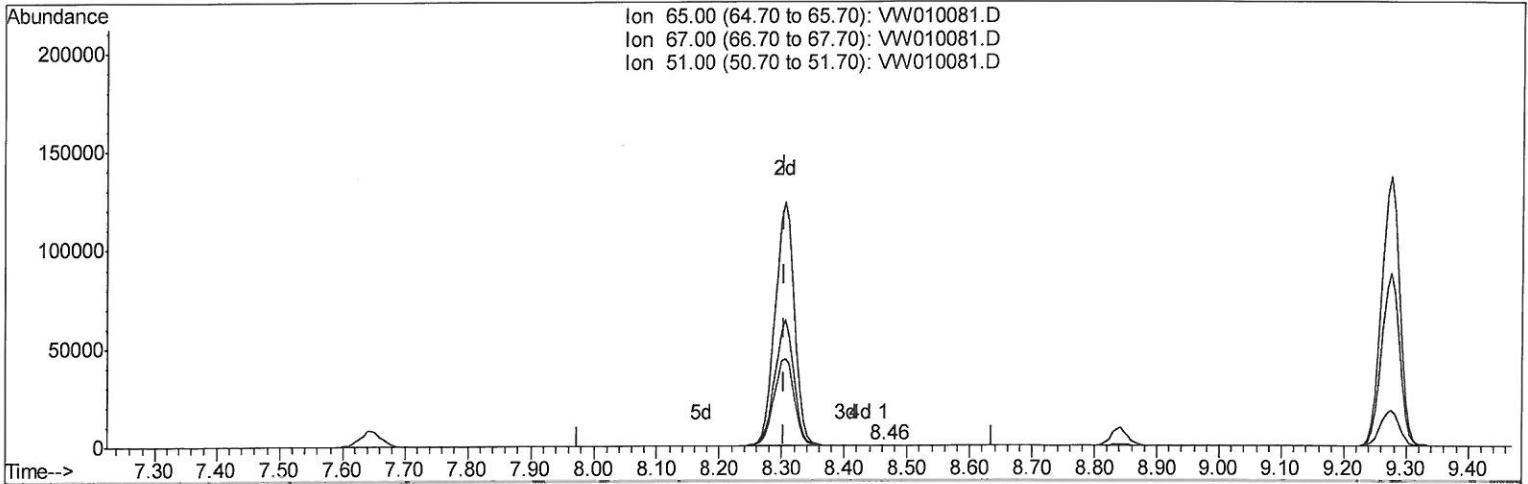
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010081.D
 Acq On : 22 Apr 2019 14:13
 Operator : SY/VA
 Sample : K2455-09
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 GAHQ9

Manual Integrations
APPROVED

MMDadoda
 4/24/2019 12:33:59 AM

Quant Time: Apr 23 06:09:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration



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

8.463min (+0.158) 0.01ug/L

response 115

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	47.83
51.00	99.90	111.30
0.00	0.00	0.00

Quantitation Report (Qedit)

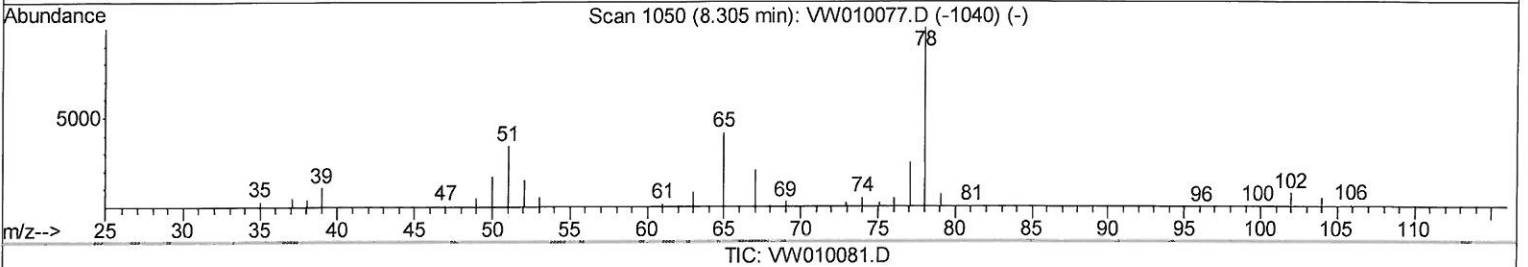
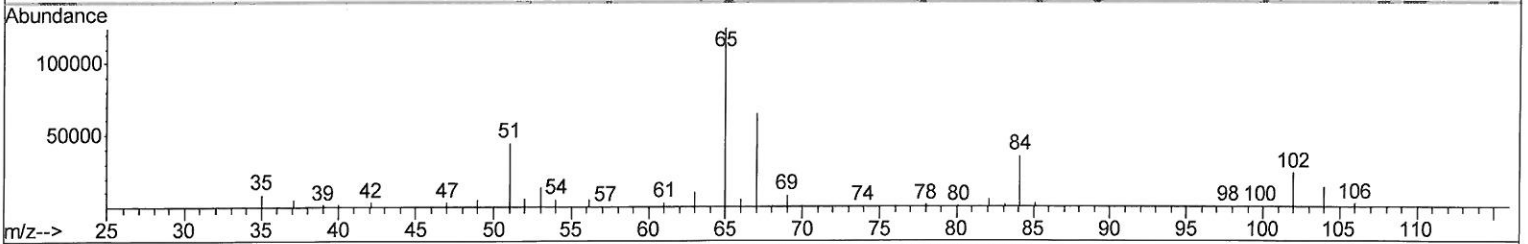
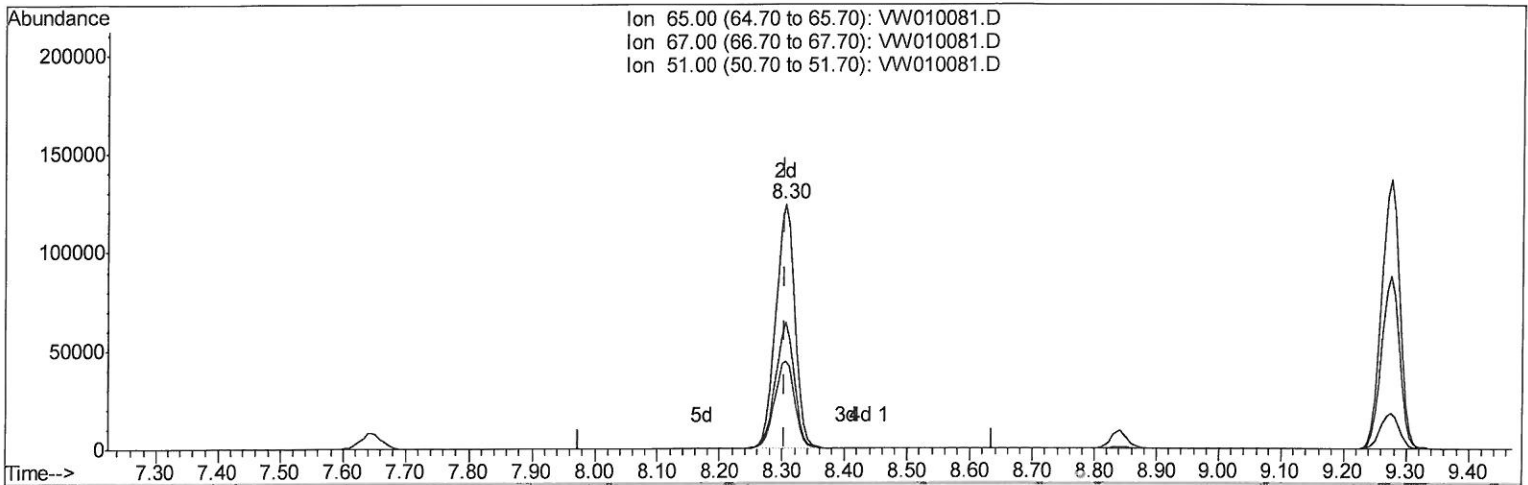
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010081.D
 Acq On : 22 Apr 2019 14:13
 Operator : SY/VA
 Sample : K2455-09
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ9

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:33:59 AM

Quant Time: Apr 23 06:09:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration



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

8.305min (-0.000) 19.46ug/L m

response 266789

MMD
4/26/19

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	0.02#
51.00	99.90	0.05#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010081.D
 Acq On : 22 Apr 2019 14:13
 Operator : SY/VA
 Sample : K2455-09
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ9

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:33:59 AM

Quant Time: Apr 23 07:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	764244	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	674396	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153543	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
7) Chloroethane-d5	2.89	69	131317	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	331391	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.07	46	139330	35.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.32%
24) Chloroform-d	7.65	84	456503	20.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	8.30	65	266789m	19.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.84%
29) Benzene-d6	8.27	84	862810	23.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.12%
33) 1,2-Dichloropropane-d6	9.27	67	272494	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	738364	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	114193	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	103165	39.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	200229	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	200277	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

7m
 4/26/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	10330	2.973	ug/L	96
16) Methylene chloride	4.91	84	74267	5.367	ug/L	96
44) Toluene	10.38	91	43338	1.028	ug/L	98
47) Tetrachloroethene	10.86	164	29635	3.673	ug/L	98
54) m,p-Xylene	11.83	106	10445	0.606	ug/L	95

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