

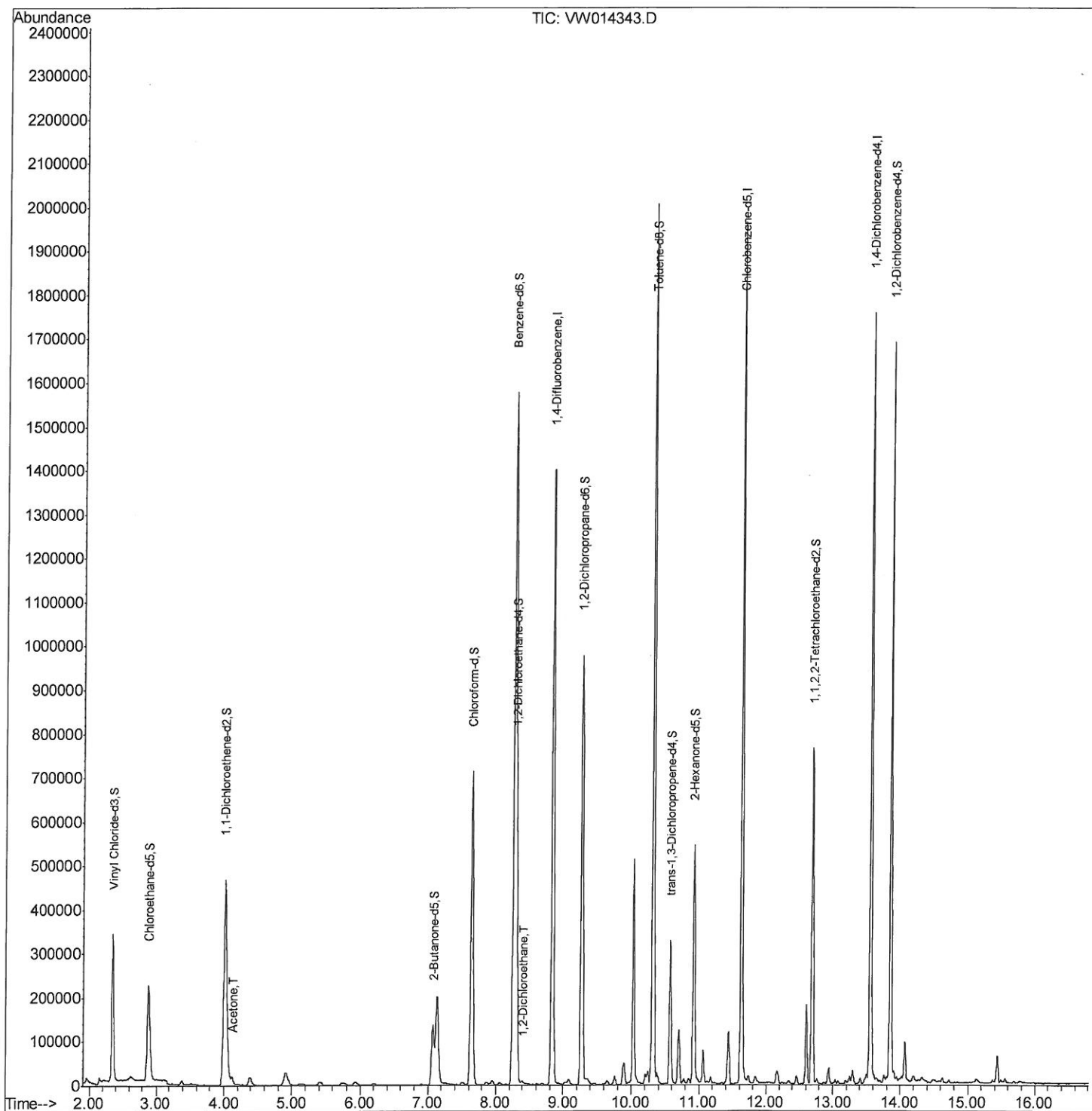
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (QT Reviewed)
Data File : VW014343.D
Acq On : 13 Dec 2019 12:25
Operator : SY/VA
Sample : K6238-06
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VHBLK01

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:25 PM

Quant Time: Dec 14 04:39:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (Qedit)

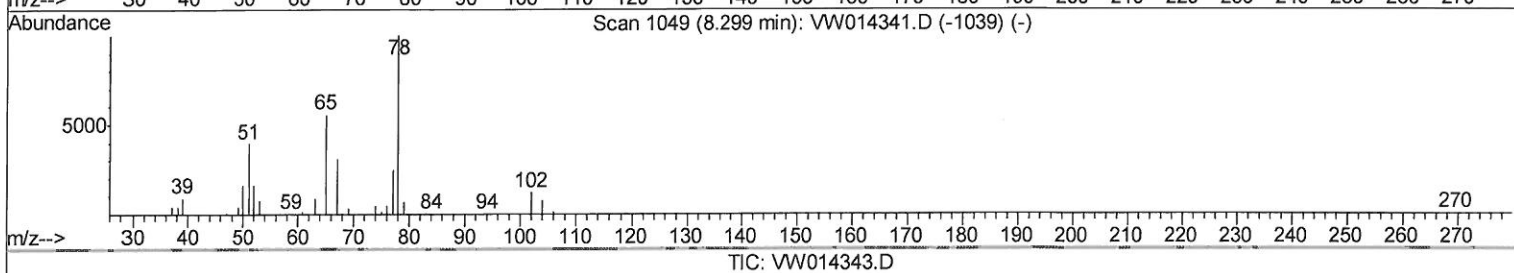
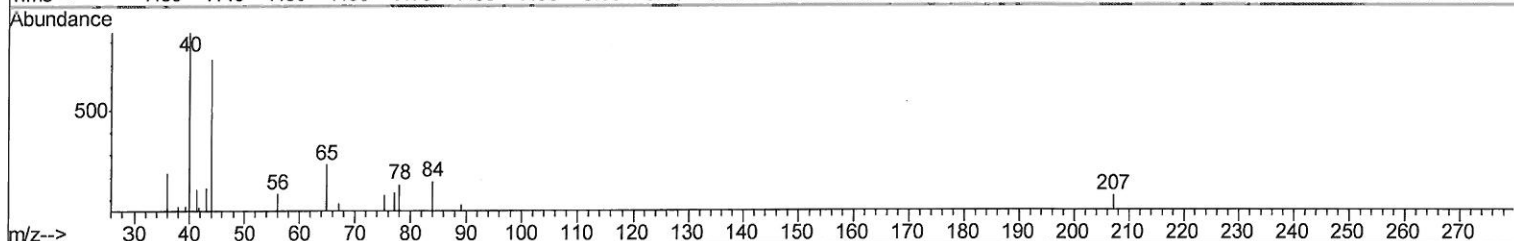
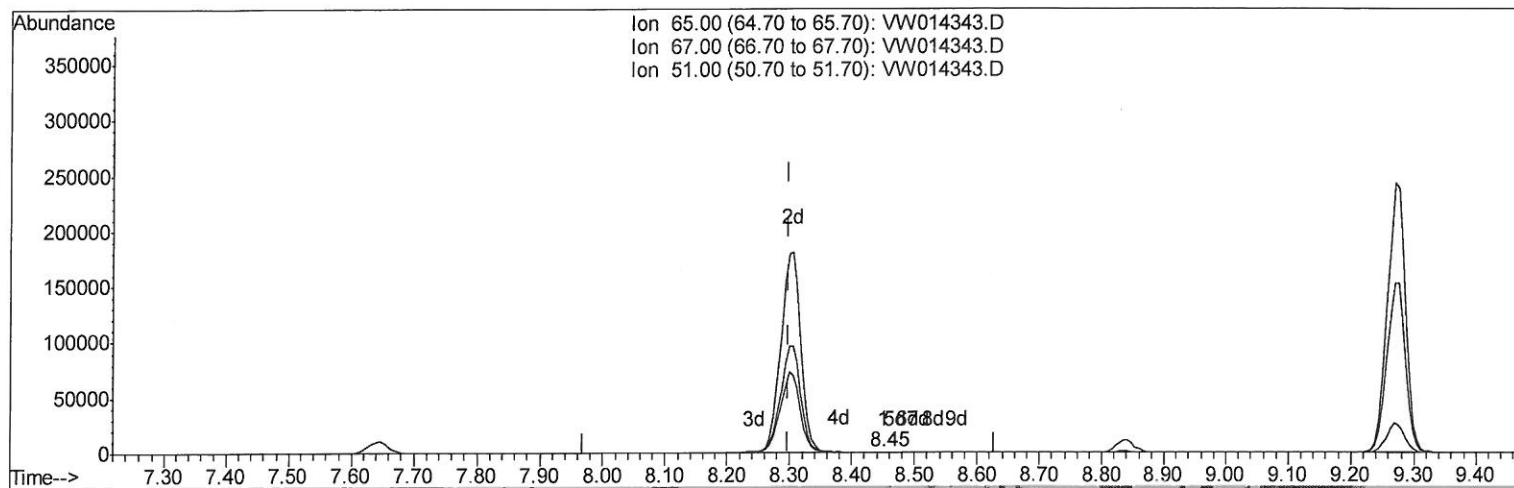
Data File : VW014343.D
Acq On : 13 Dec 2019 12:25
Operator : SY/VA
Sample : K6238-06
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 14 04:30:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:25 PM



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

8.451min (+0.152) 0.01ug/L

response 211

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	70.14
51.00	107.20	98.10
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (Qedit)

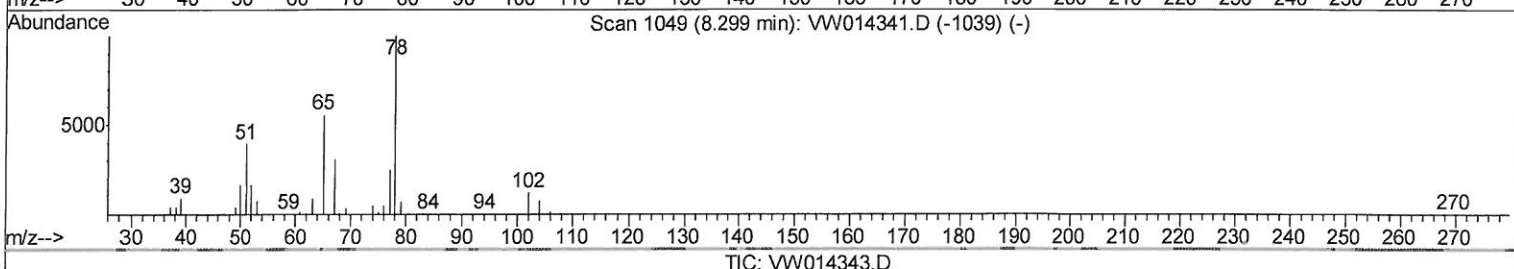
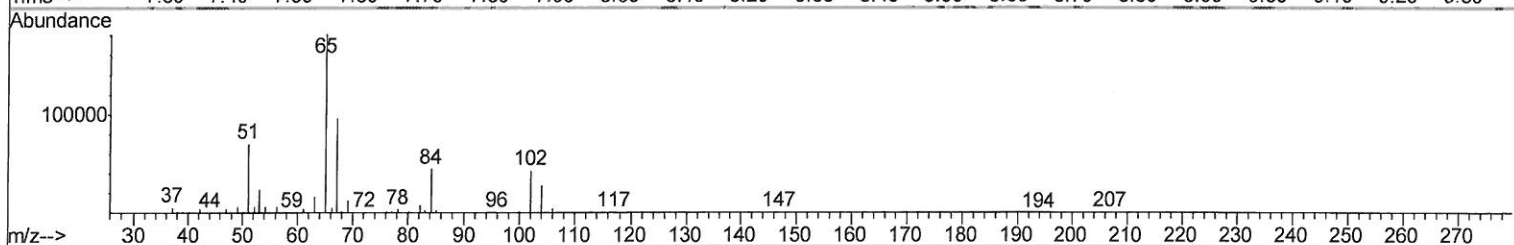
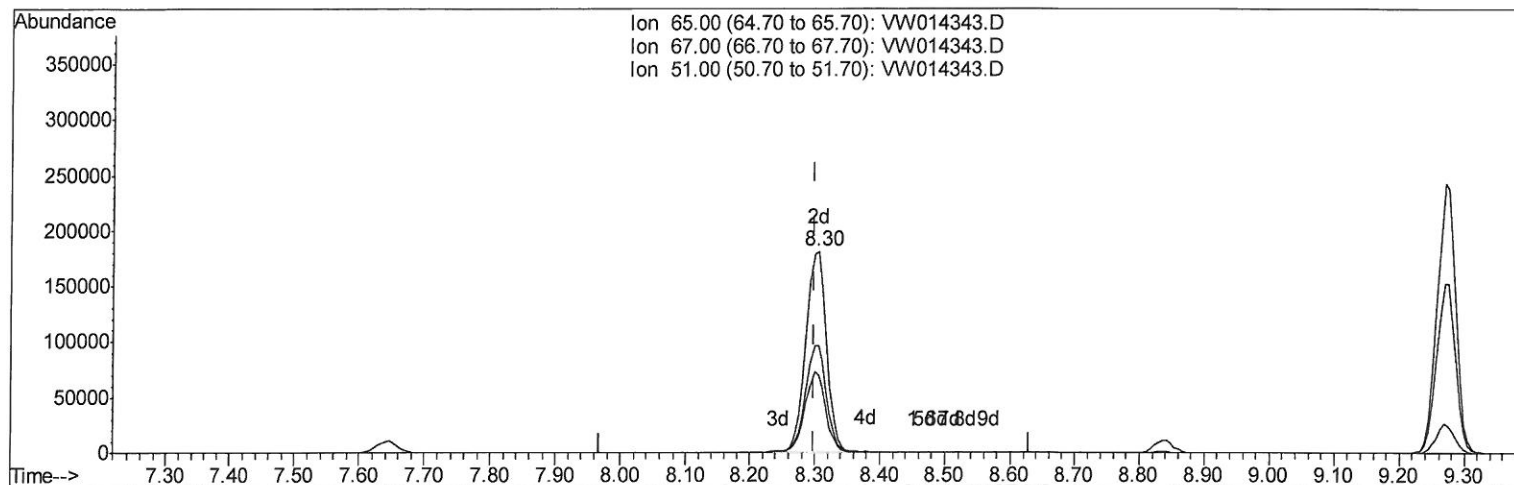
Data File : VW014343.D
Acq On : 13 Dec 2019 12:25
Operator : SY/VA
Sample : K6238-06
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:25 PM

Quant Time: Dec 14 04:30:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration



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

8.305min (+0.006) 24.95ug/L m

response 404928

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	0.04#
51.00	107.20	0.05#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
 Quantitation Report (QT Reviewed)
 Data File : VW014343.D
 Acq On : 13 Dec 2019 12:25
 Operator : SY/VA
 Sample : K6238-06
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VHBLK01

Manual Integrations
 APPROVED

apatel
 12/16/2019 1:11:25 PM

Quant Time: Dec 14 04:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1215743	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1091635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	462828	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	369711	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.32%
7) Chloroethane-d5	2.88	69	299076	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
10) 1,1-Dichloroethene-d2	4.01	63	534708	16.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.76%
20) 2-Butanone-d5	7.07	46	250301	52.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.34%
24) Chloroform-d	7.64	84	736810	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.30	65	404928m	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.27	84	1550628	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	9.27	67	481899	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.32	98	1366813	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.57	79	190112	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.92	63	189257	48.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	387464	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	453238	25.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.52%

Target Compounds				Qvalue
13) Acetone	4.12	43	26511	5.732 ug/L 98
27) 1,2-Dichloroethane	8.40	62	4813	0.242 ug/L # 92

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