

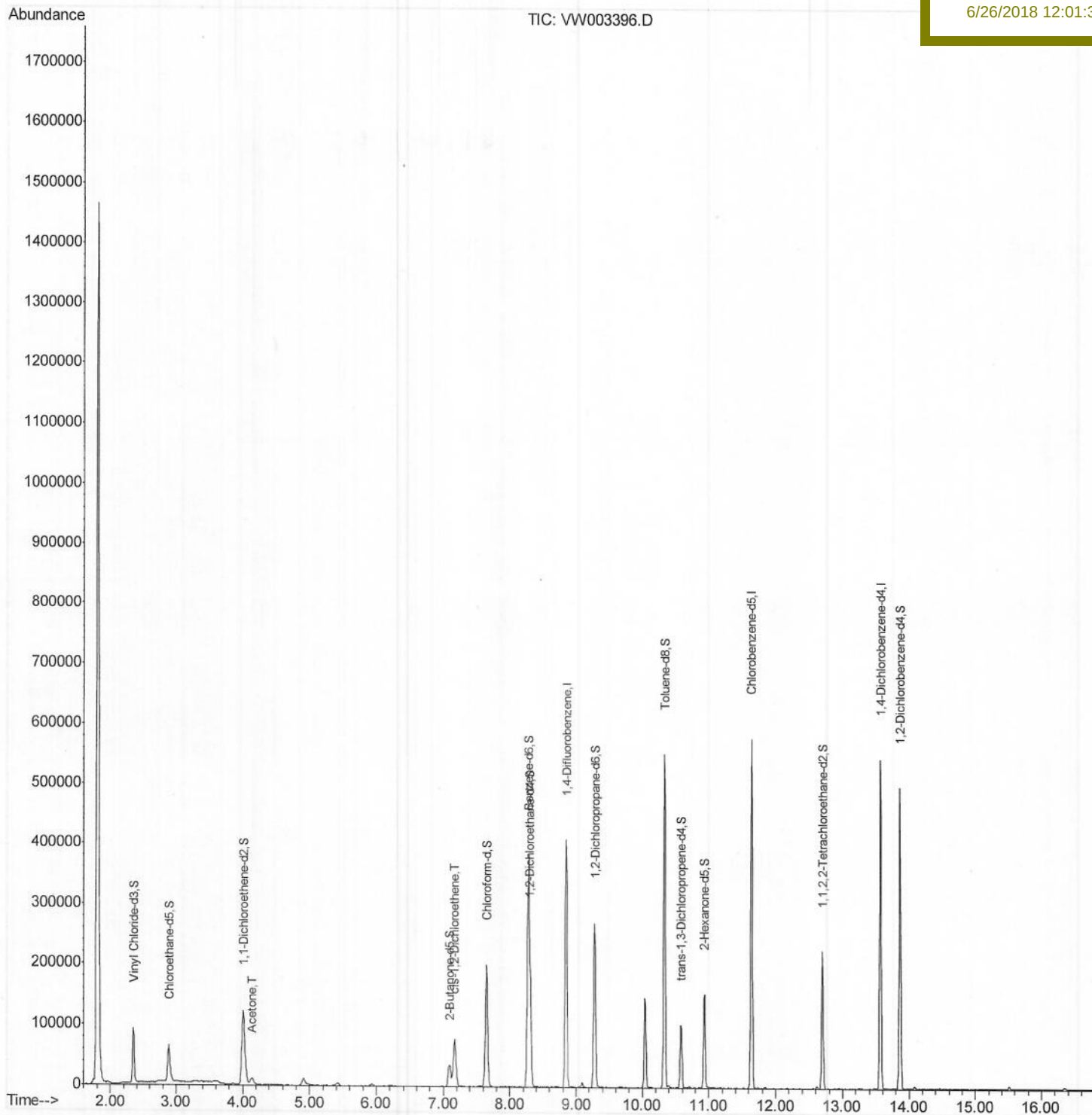
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003396.D
Acq On : 21 Jun 2018 18:55
Operator : SY/AP
Sample : J3619-09
Misc : 7.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 07:21:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
DAZ75

Manual Integrations
APPROVED

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6/26/2018 12:01:34 PM



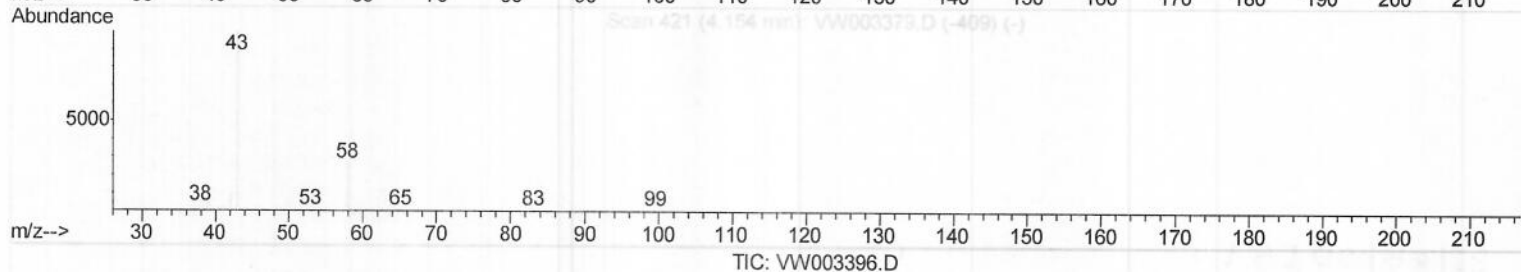
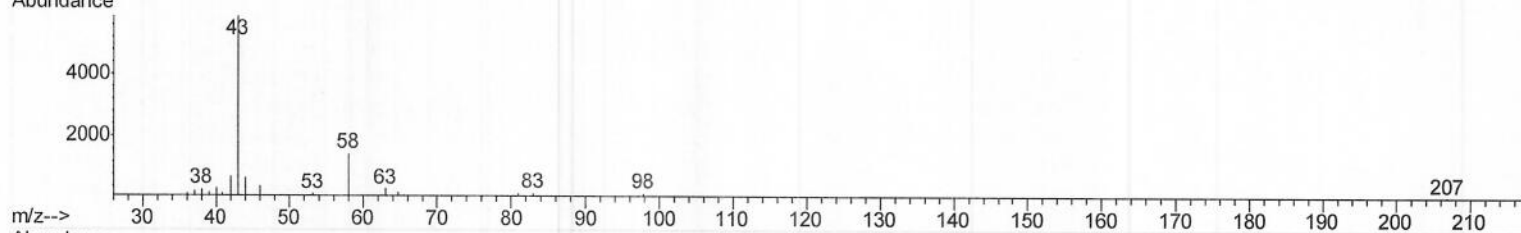
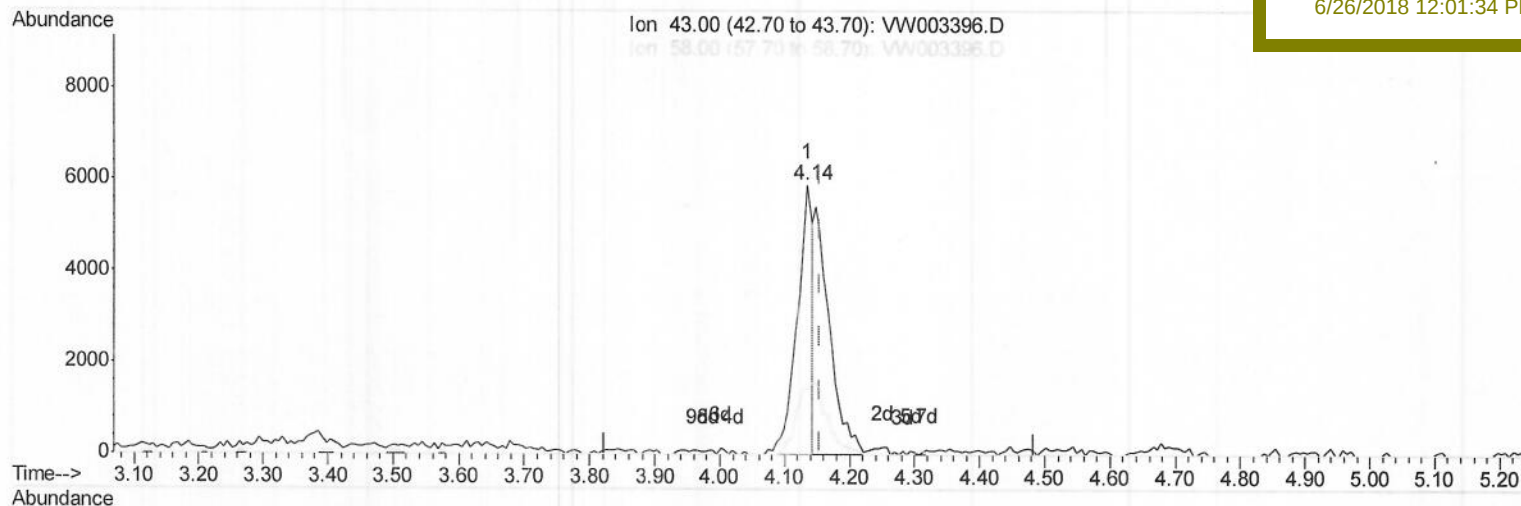
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Quant Time: Jun 22 04:56:43 2018
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ClientSampleId :
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Manual Integrations
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(13) Acetone (T)

4.135min (-0.018) 6.50ug/L

response 9575

Ion	Exp%	Act%
43.00	100	100
58.00	29.30	53.72
0.00	0.00	0.00
0.00	0.00	0.00

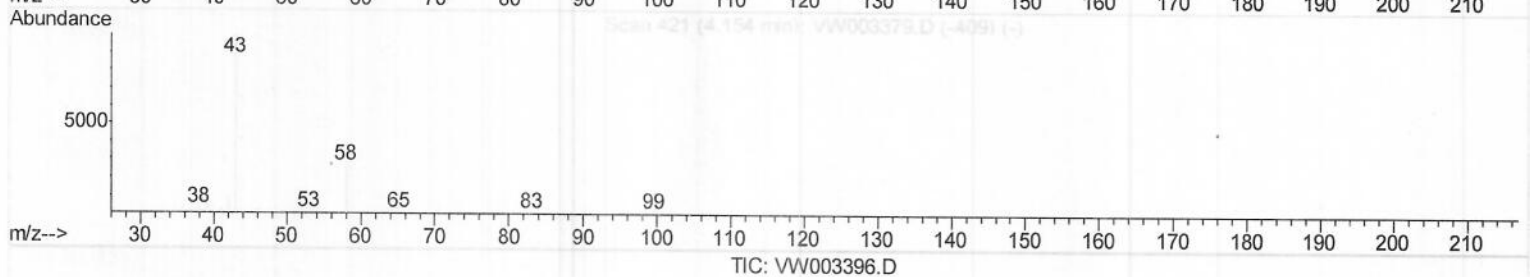
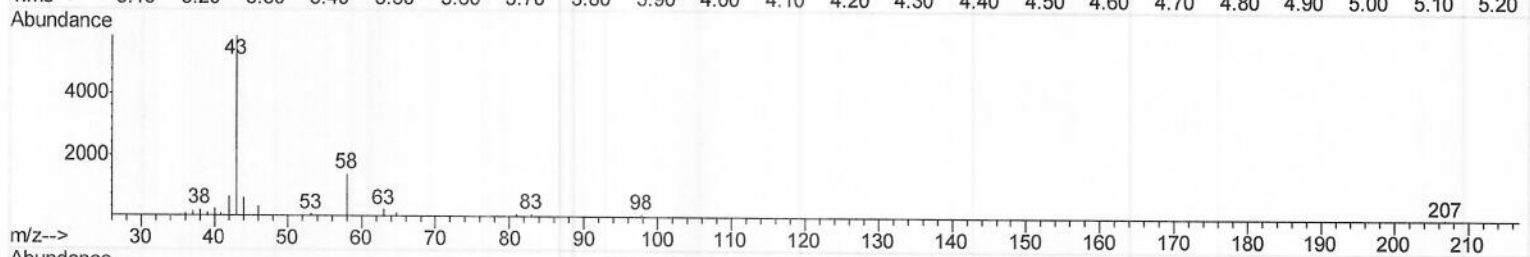
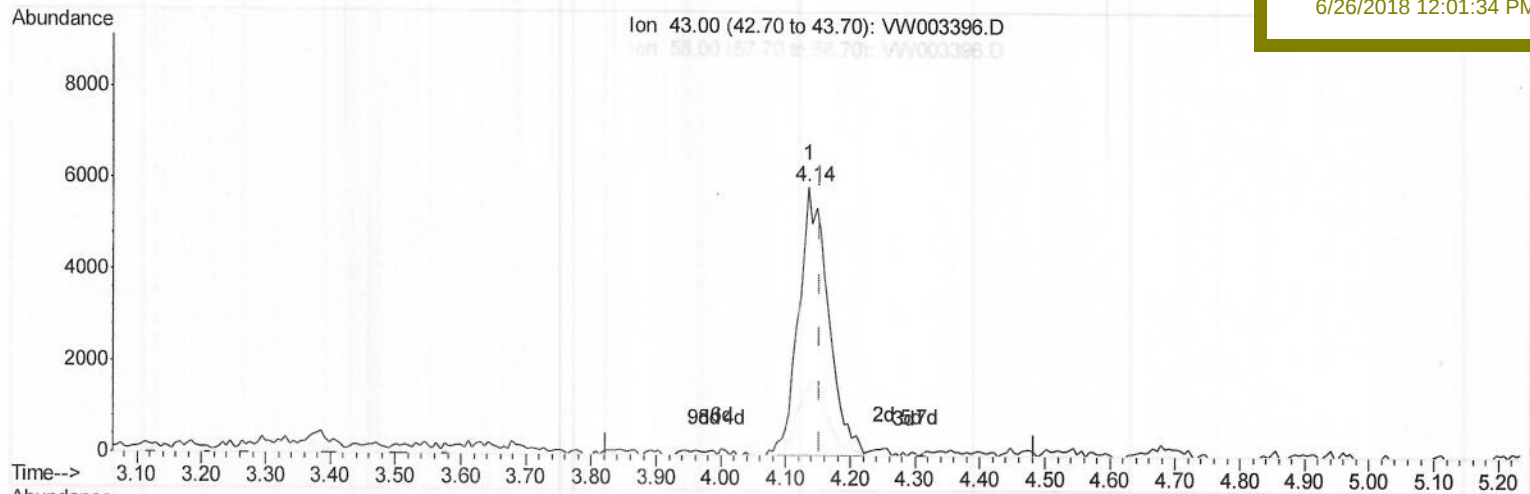
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Quant Title : VOC Analysis
QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAZ75

Manual Integrations
APPROVED

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6/26/2018 12:01:34 PM



(13) Acetone (T)

4.135min (-0.018) 12.68ug/L m

response 18689

> MD
06/30/18

Ion	Exp%	Act%
43.00	100	100
58.00	29.30	27.52
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003396.D
 Acq On : 21 Jun 2018 18:55
 Operator : SY/AP
 Sample : J3619-09
 Misc : 7.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 DAZ75

Quant Time: Jun 22 07:21:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	323456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	137481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99706	22.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.92%		
7) Chloroethane-d5	2.89	69	80524	22.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.00%		
10) 1,1-Dichloroethene-d2	4.01	63	146784	16.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.40%		
20) 2-Butanone-d5	7.09	46	63496	45.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.88%		
24) Chloroform-d	7.65	84	198718	23.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.40%		
26) 1,2-Dichloroethane-d4	8.31	65	123573	24.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.76%		
29) Benzene-d6	8.27	84	377883	23.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.24%		
33) 1,2-Dichloropropane-d6	9.27	67	123385	24.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.16%		
37) Toluene-d8	10.33	98	355103	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.64%		
38) trans-1,3-Dichloropropene-	10.58	79	52462	21.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.08%		
39) 2-Hexanone-d5	10.93	63	45893	43.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.50%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105751	22.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.60%		
61) 1,2-Dichlorobenzene-d4	13.86	152	126211	24.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.24%		

Target Compounds

13) Acetone	4.14	43	18689m	12.684	ug/L	Qvalue
22) cis-1,2-Dichloroethene	7.17	96	42977	9.599	ug/L	95

MD
 06/30/18

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