Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120919\

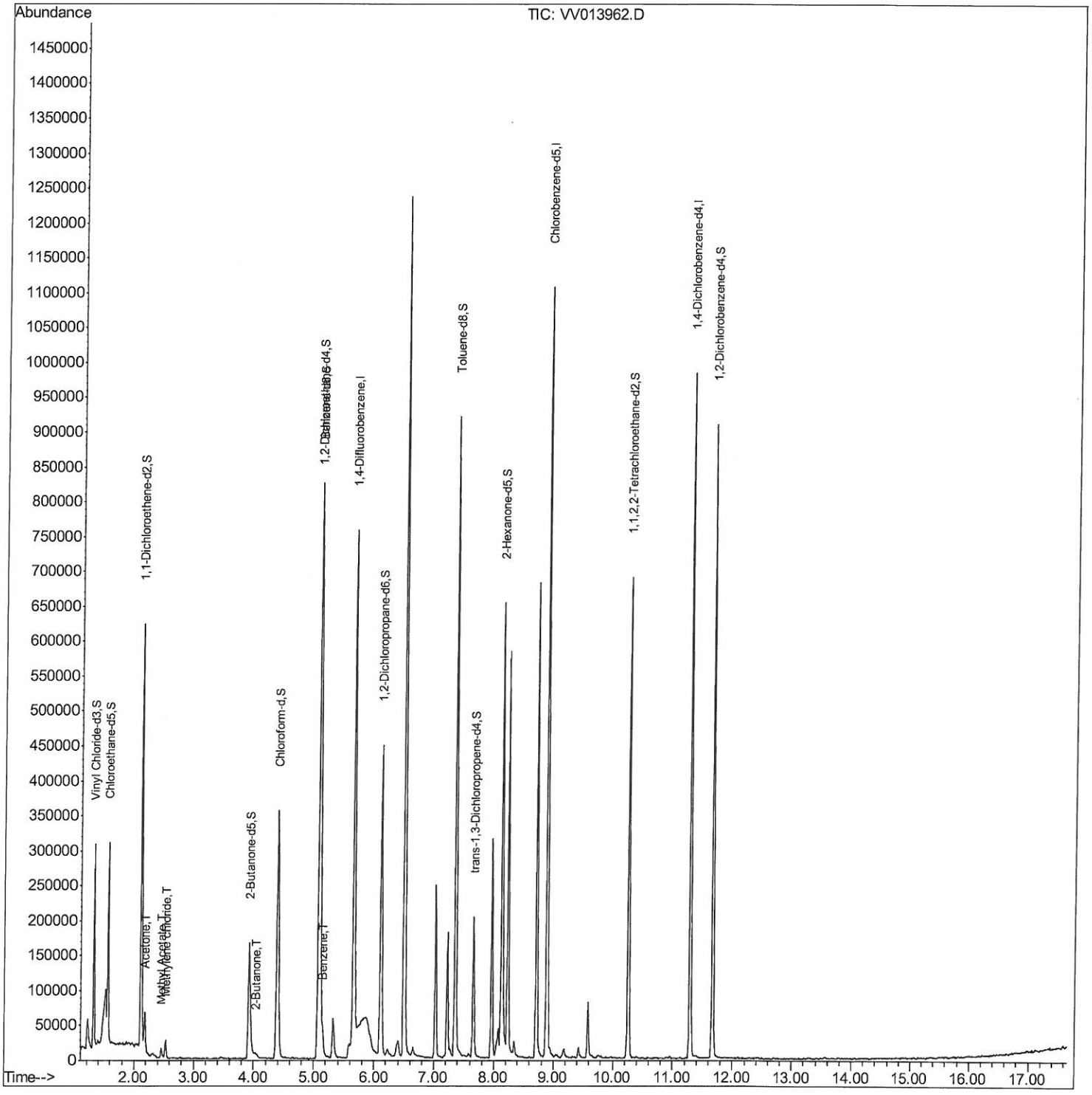
Quantitation Report (QT/LSC Reviewed)

Data File : VV013962.D
Acq On : 09 Dec 2019 14:56
Operator : SY/MD
Sample : K6146-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 10 05:59:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBBT6

Manual Integrations APPROVED
apatel
12/10/2019 4:06:09 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120919\

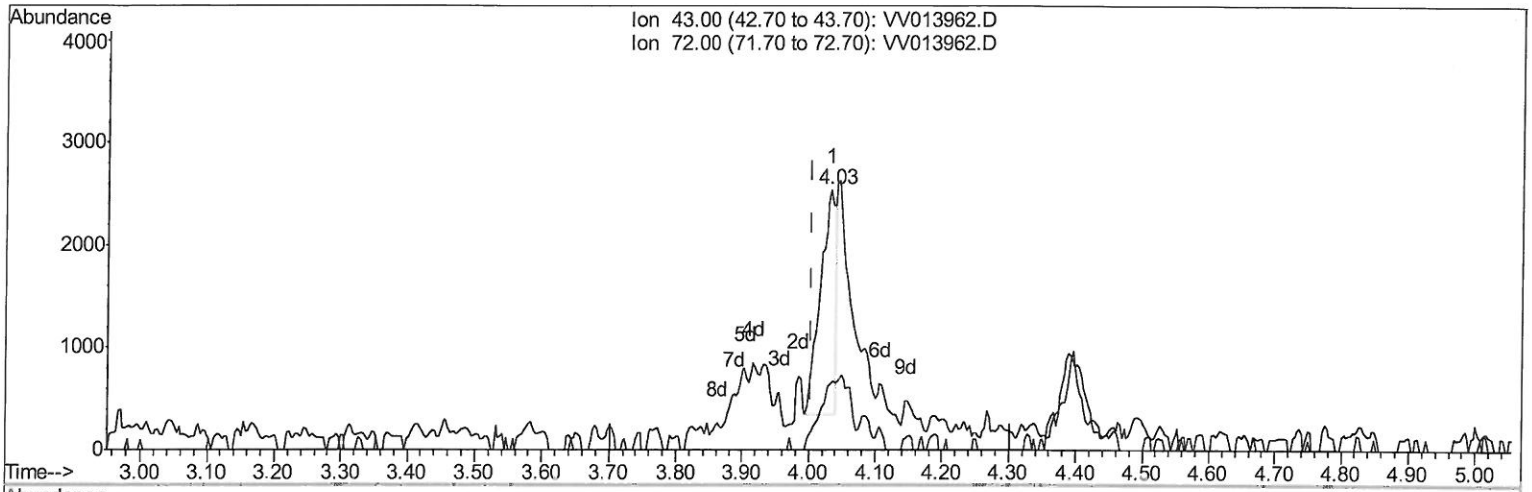
Quantitation Report (Qedit)

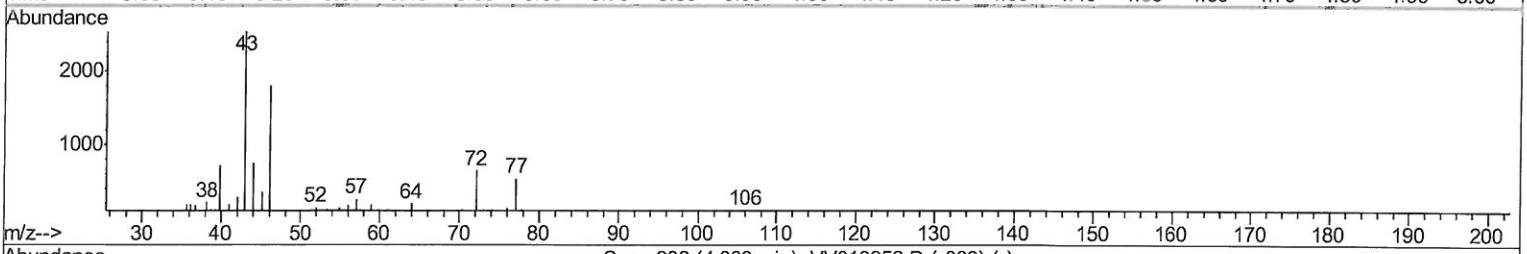
Data File : VV013962.D
Acq On : 09 Dec 2019 14:56
Operator : SY/MD
Sample : K6146-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

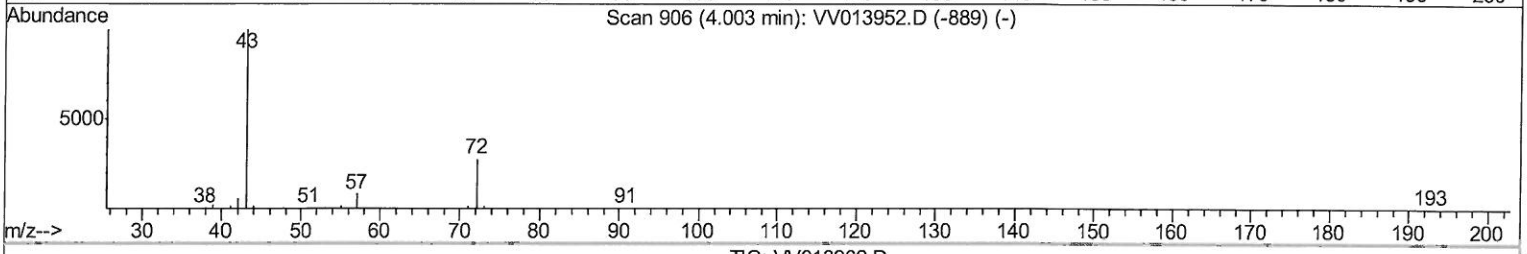
Quant Time: Dec 10 04:33:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBBT6

Manual Integrations APPROVED
apatel
12/10/2019 4:06:09 PM







TIC: VV013962.D

(22) 2-Butanone (T)

4.032min (+0.029) 0.96ug/L

response 3502

Ion	Exp%	Act%
43.00	100	100
72.00	28.10	34.92
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120919\

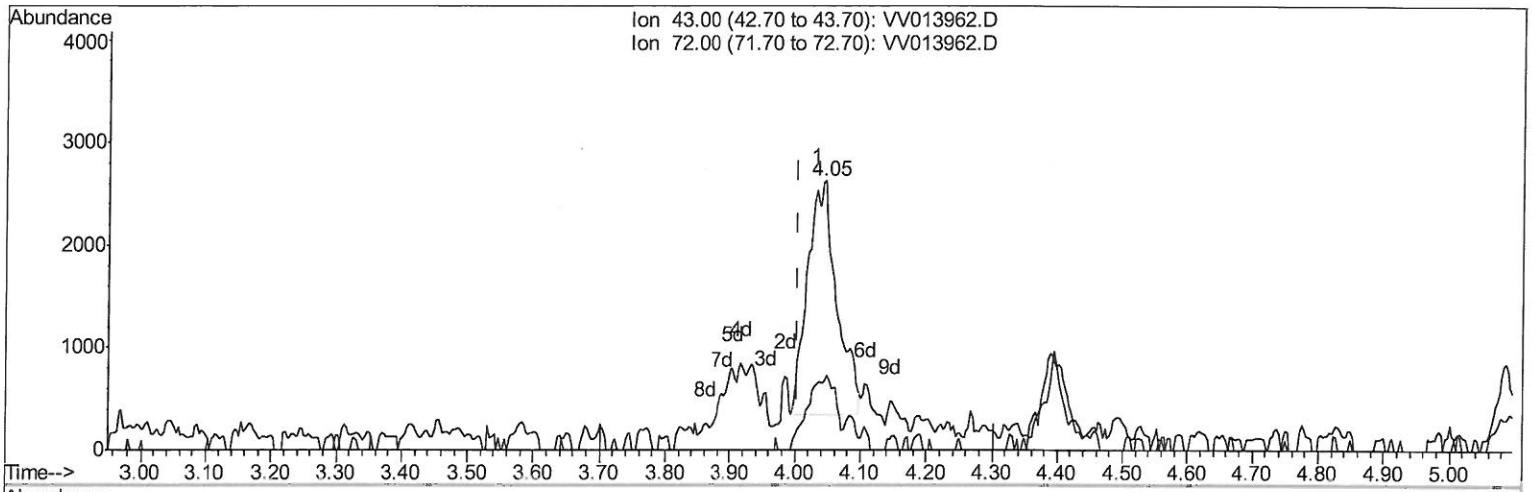
Quantitation Report (Qedit)

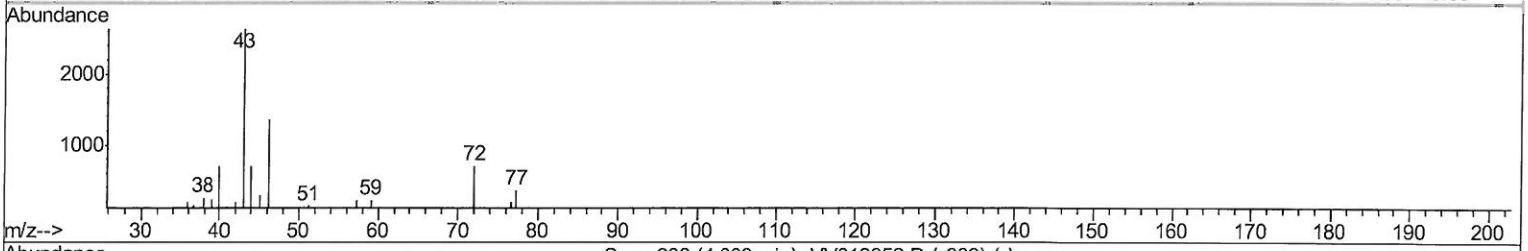
Data File : VV013962.D
Acq On : 09 Dec 2019 14:56
Operator : SY/MD
Sample : K6146-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

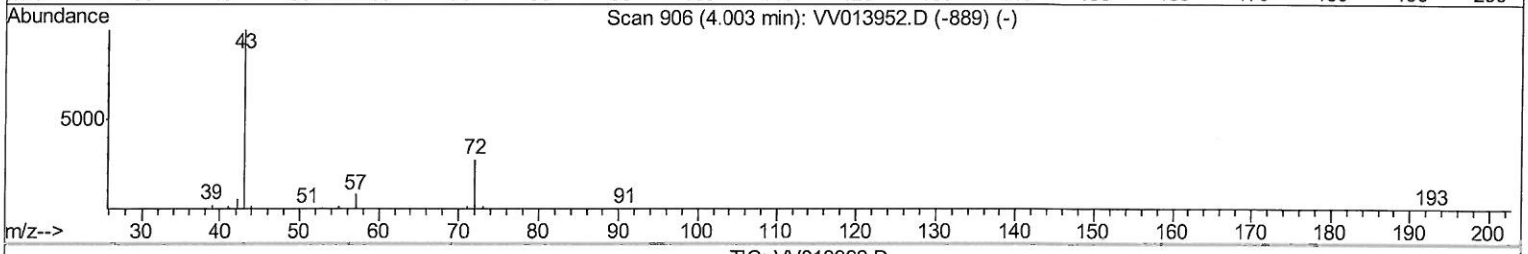
Quant Time: Dec 10 04:33:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBBT6

Manual Integrations APPROVED
apatel
12/10/2019 4:06:09 PM







TIC: VV013962.D

(22) 2-Butanone (T)

4.045min (+0.042) 1.95ug/L m

response 7070

Ion	Exp%	Act%
43.00	100	100
72.00	28.10	17.30
0.00	0.00	0.00
0.00	0.00	0.00

mp 12/12/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120919\

Quantitation Report (QT/LSC Reviewed)

Data File : VV013962.D
Acq On : 09 Dec 2019 14:56
Operator : SY/MD
Sample : K6146-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBBT6

Manual Integrations APPROVED
apatel
12/10/2019 4:06:09 PM

Quant Time: Dec 10 05:59:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	633946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	622381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269227	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	176024	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.02%			
7) Chloroethane-d5	1.56	69	190246	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.42%			
11) 1,1-Dichloroethene-d2	2.12	63	301914	37.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.48%			
21) 2-Butanone-d5	3.92	46	257557	99.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.80%			
24) Chloroform-d	4.39	84	351227	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.24%			
26) 1,2-Dichloroethane-d4	5.07	65	221835	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.94%			
32) Benzene-d6	5.09	84	712828	44.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.11	67	210080	43.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.80%			
41) Toluene-d8	7.35	98	619108	42.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.22%			
43) trans-1,3-Dichloropropene-	7.66	79	96615	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.02%			
47) 2-Hexanone-d5	8.13	63	202424	111.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	318845	45.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.98%			
64) 1,2-Dichlorobenzene-d4	11.67	152	252227	47.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	2.19	43	43426	11.483	ug/L	100
15) Methyl Acetate	2.46	43	16138	3.462	ug/L	97
16) Methylene chloride	2.53	84	10528	2.195	ug/L	92
22) 2-Butanone	4.05	43	7070m	1.948	ug/L	
33) Benzene	5.15	78	37669	2.032	ug/L	100

MD 12/12/19

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