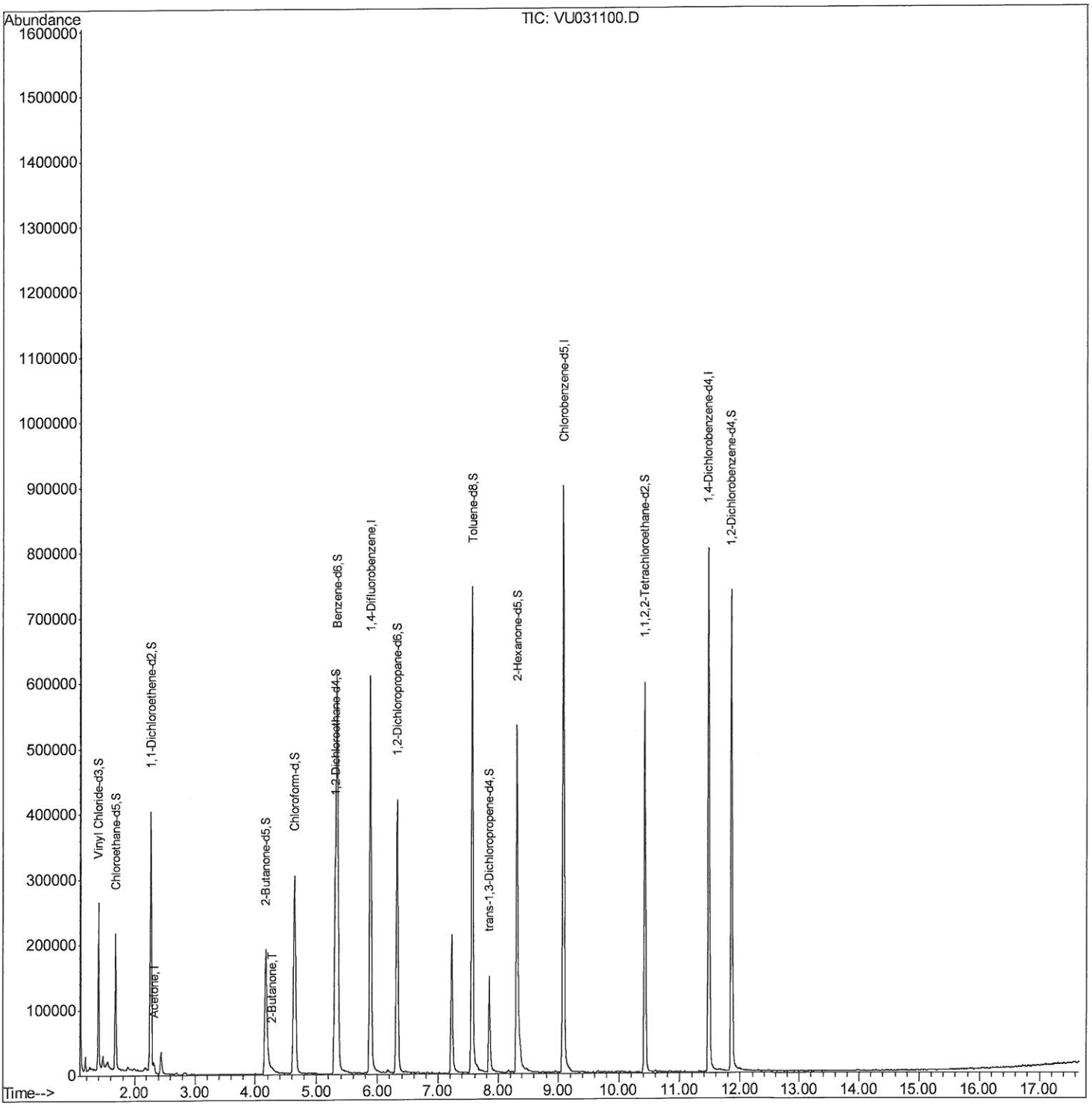
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031100.D
Acq On : 12 Apr 2019 03:40
Operator : JC/SP
Sample : K2339-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 92 Sample Multiplier: 1

Quant Time: Apr 12 08:07:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC65

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:41 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031100.D
Acq On : 12 Apr 2019 03:40
Operator : JC/SP
Sample : K2339-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 92 Sample Multiplier: 1

Quant Time: Apr 12 07:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
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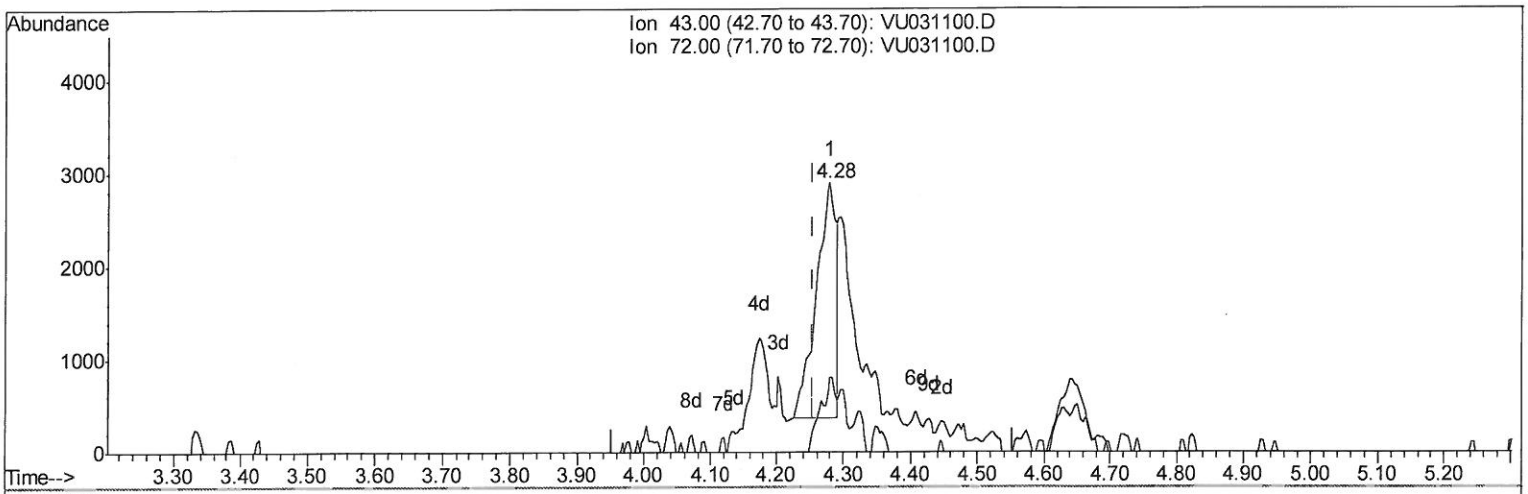

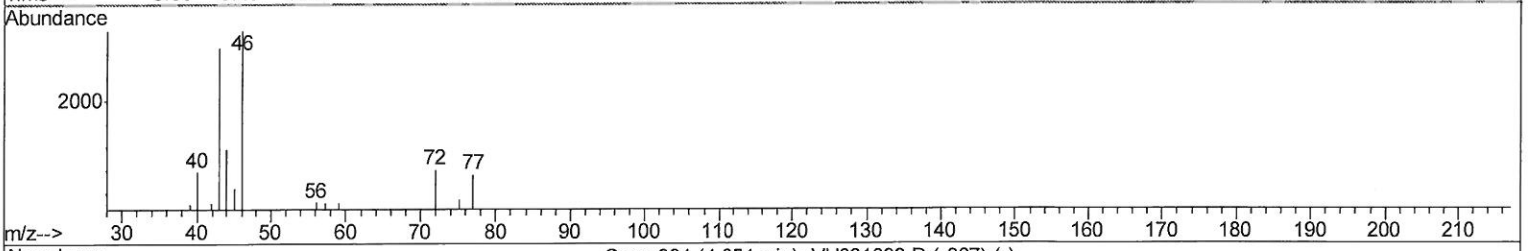

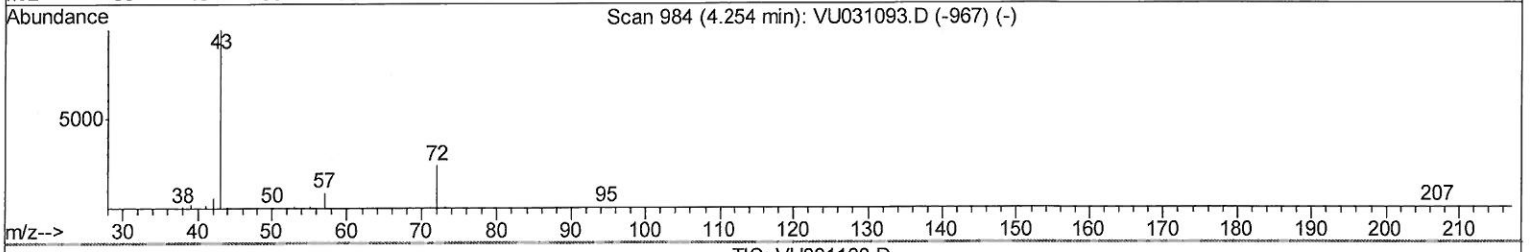

TIC: VU031100.D

(22) 2-Butanone (T)

4.280min (+0.026) 1.18ug/L

response 5073

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	11.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
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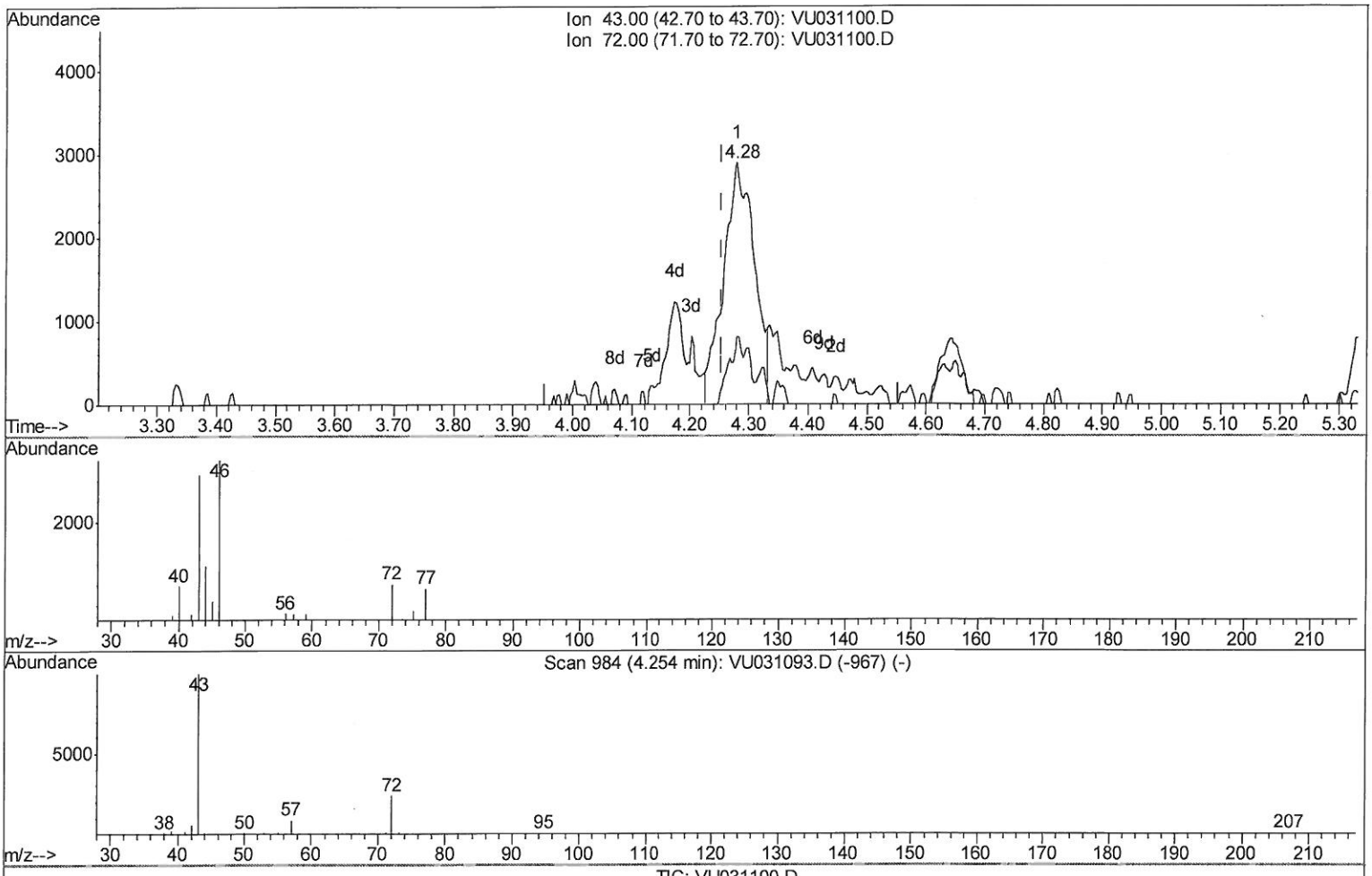
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC65

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:41 PM



TIC: VU031100.D

(22) 2-Butanone (T)

4.280min (+0.026) 2.45ug/L m

response 10562

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	5.72#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/13/19

Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BFC65

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213861	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	159878	35.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.50%			
7) Chloroethane-d5	1.68	69	141194	41.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.04%			
11) 1,1-Dichloroethene-d2	2.27	63	233577	28.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.94%#			
21) 2-Butanone-d5	4.17	46	328517	91.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.40%			
24) Chloroform-d	4.64	84	306947	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.62%			
26) 1,2-Dichloroethane-d4	5.30	65	215510	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.18%			
32) Benzene-d6	5.33	84	605214	41.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.82%			
36) 1,2-Dichloropropane-d6	6.32	67	208248	41.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.14%			
41) Toluene-d8	7.56	98	514075	39.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.36%#			
43) trans-1,3-Dichloropropene-	7.85	79	87302	38.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.44%			
47) 2-Hexanone-d5	8.31	63	175077	76.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.47%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304000	44.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	200112	47.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.16%			
Target Compounds						Qvalue
13) Acetone	2.32	43	16040	4.361	ug/L	92
22) 2-Butanone	4.28	43	10562m	2.449	ug/L	

DMD 4/13/19

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