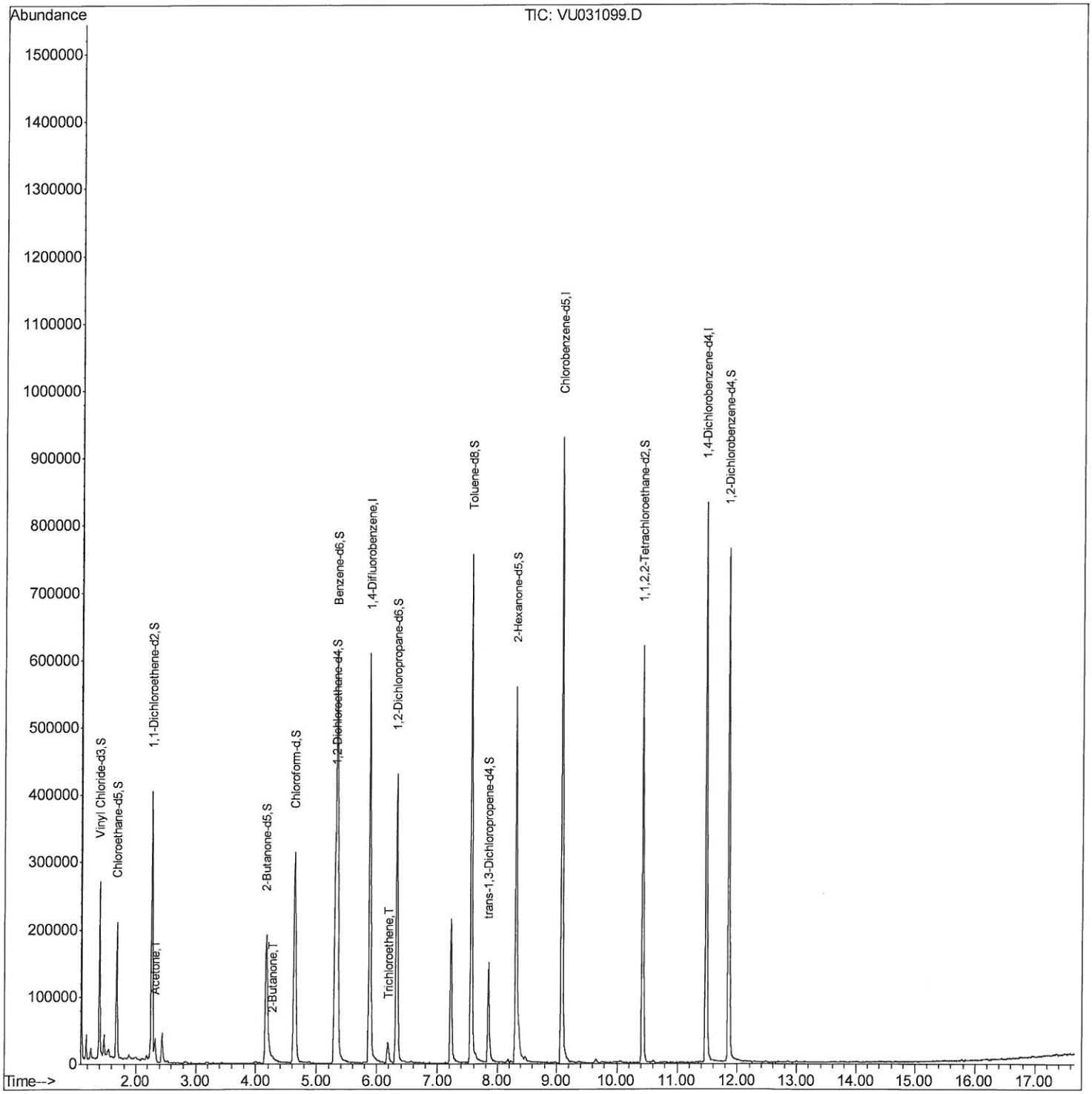
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031099.D
Acq On : 12 Apr 2019 03:17
Operator : JC/SP
Sample : K2339-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 91 Sample Multiplier: 1

Quant Time: Apr 12 08:00:09 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 :
BFC48

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:35 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031099.D
Acq On : 12 Apr 2019 03:17
Operator : JC/SP
Sample : K2339-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 91 Sample Multiplier: 1

Quant Time: Apr 12 07:30:23 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 :
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Manual Integrations APPROVED
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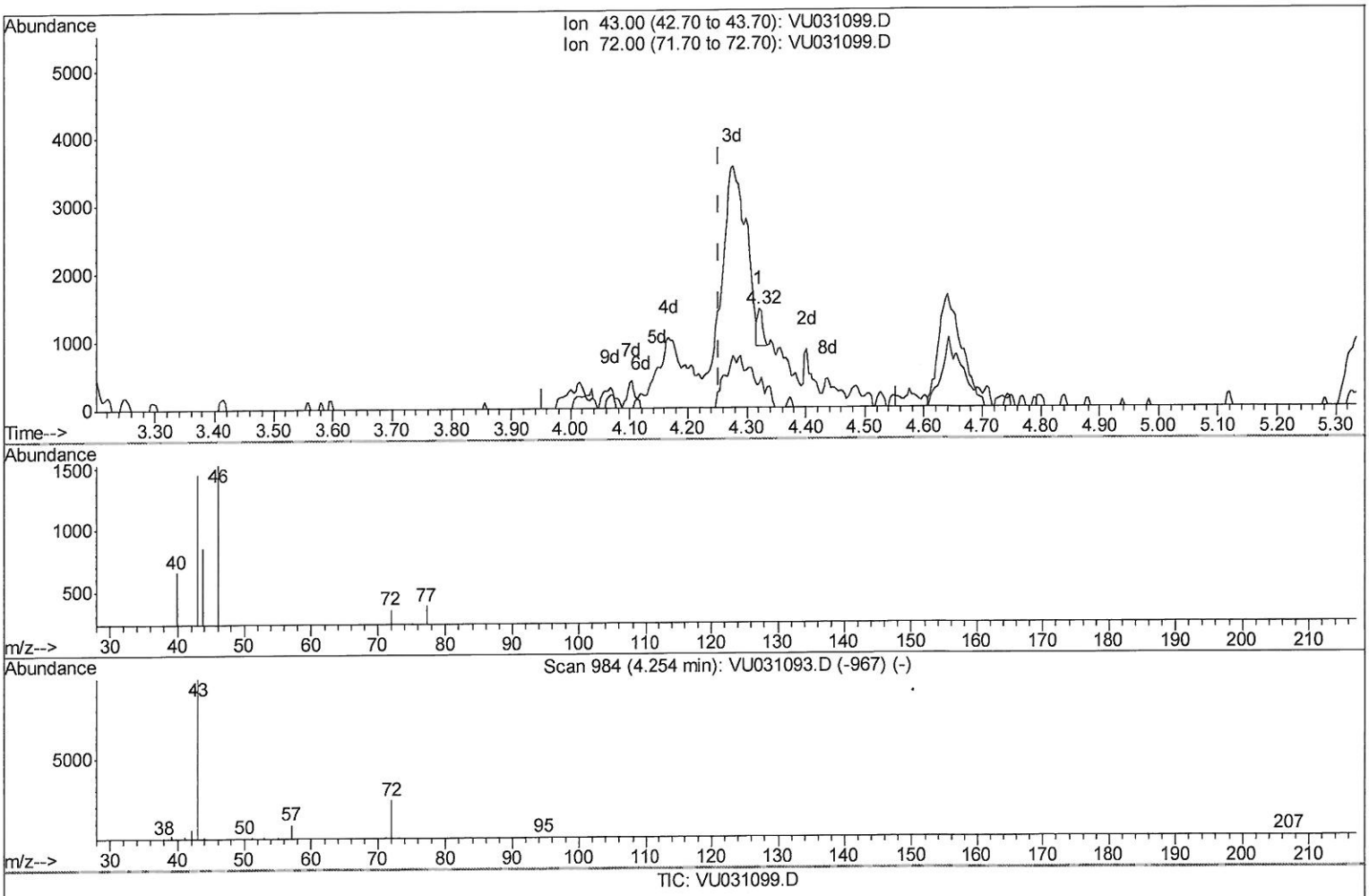
4/12/2019 5:46:35 PM



TIC: VU031099.D

(22) 2-Butanone (T)

4.321min (+0.067) 0.08ug/L

response 352

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	31.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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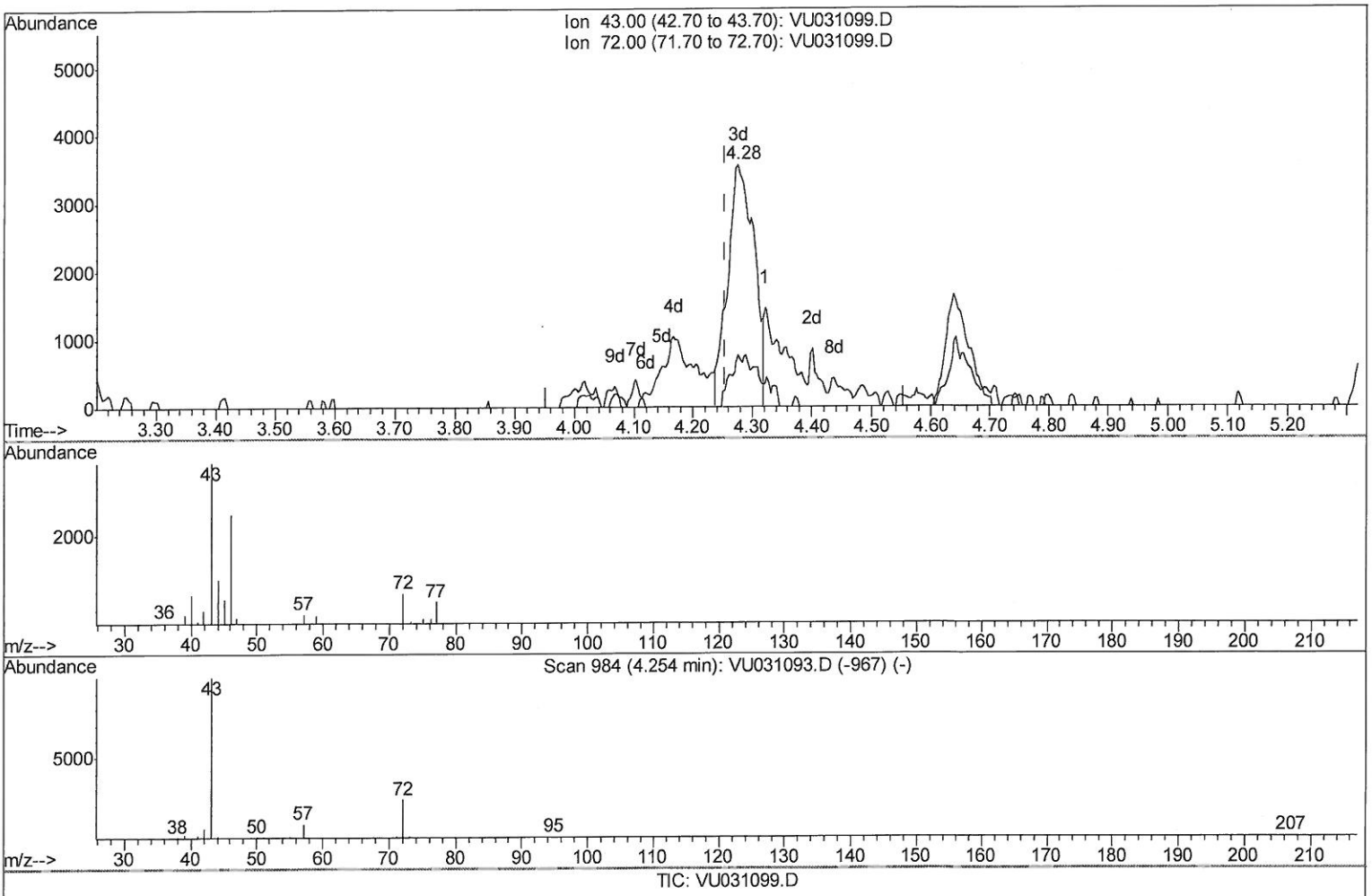
Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:35 PM



TIC: VU031099.D

(22) 2-Butanone (T)

4.276min (+0.022) 2.64ug/L m

response 10979

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	1.02#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/13/19

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031099.D
Acq On : 12 Apr 2019 03:17
Operator : JC/SP
Sample : K2339-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 91 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC48

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:46:35 PM

Quant Time: Apr 12 08:00:09 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224015	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	166372	38.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.00%			
7) Chloroethane-d5	1.68	69	145755	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.72%			
11) 1,1-Dichloroethene-d2	2.27	63	234906	29.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.32%#			
21) 2-Butanone-d5	4.17	46	333561	96.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.13%			
24) Chloroform-d	4.64	84	308688	46.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.32%			
26) 1,2-Dichloroethane-d4	5.31	65	214425	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.98%			
32) Benzene-d6	5.33	84	591363	38.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.76%			
36) 1,2-Dichloropropane-d6	6.32	67	216487	41.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.06%			
41) Toluene-d8	7.56	98	513272	38.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.14%#			
43) trans-1,3-Dichloropropene-	7.85	79	90549	38.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.20%			
47) 2-Hexanone-d5	8.31	63	186489	78.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311285	44.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	206554	46.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.76%			
Target Compounds						Qvalue
13) Acetone	2.32	43	36332	10.232	ug/L	98
22) 2-Butanone	4.28	43	10979m	2.637	ug/L	
34) Trichloroethene	6.18	95	10317	2.467	ug/L	89

MMD 4/13/19

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