Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

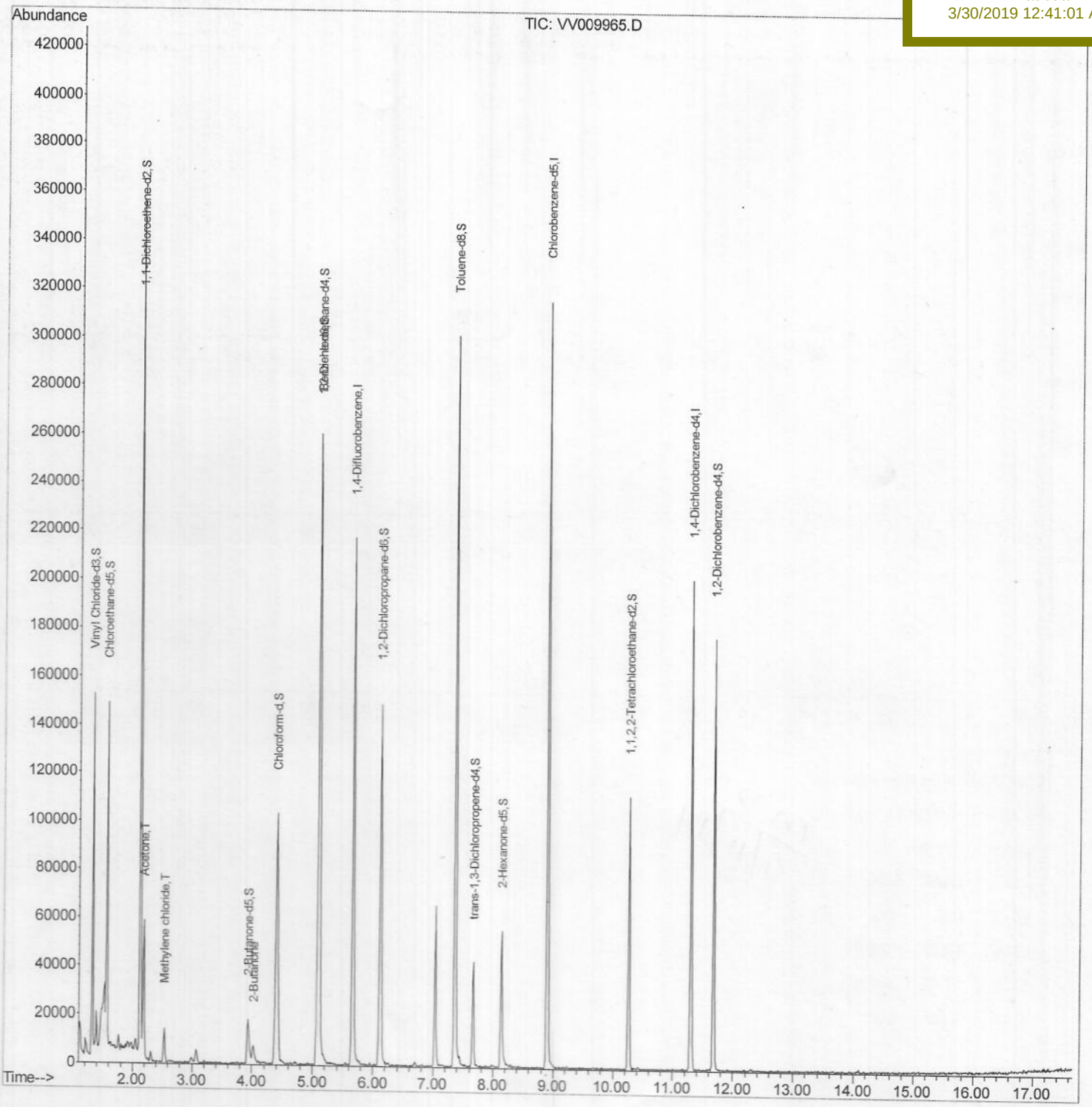
Quantitation Report (QT Reviewed)

Data File : VV009965.D
Acq On : 28 Mar 2019 15:02
Operator : SY/MD
Sample : K2128-09
Misc : 3.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:54:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:01 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

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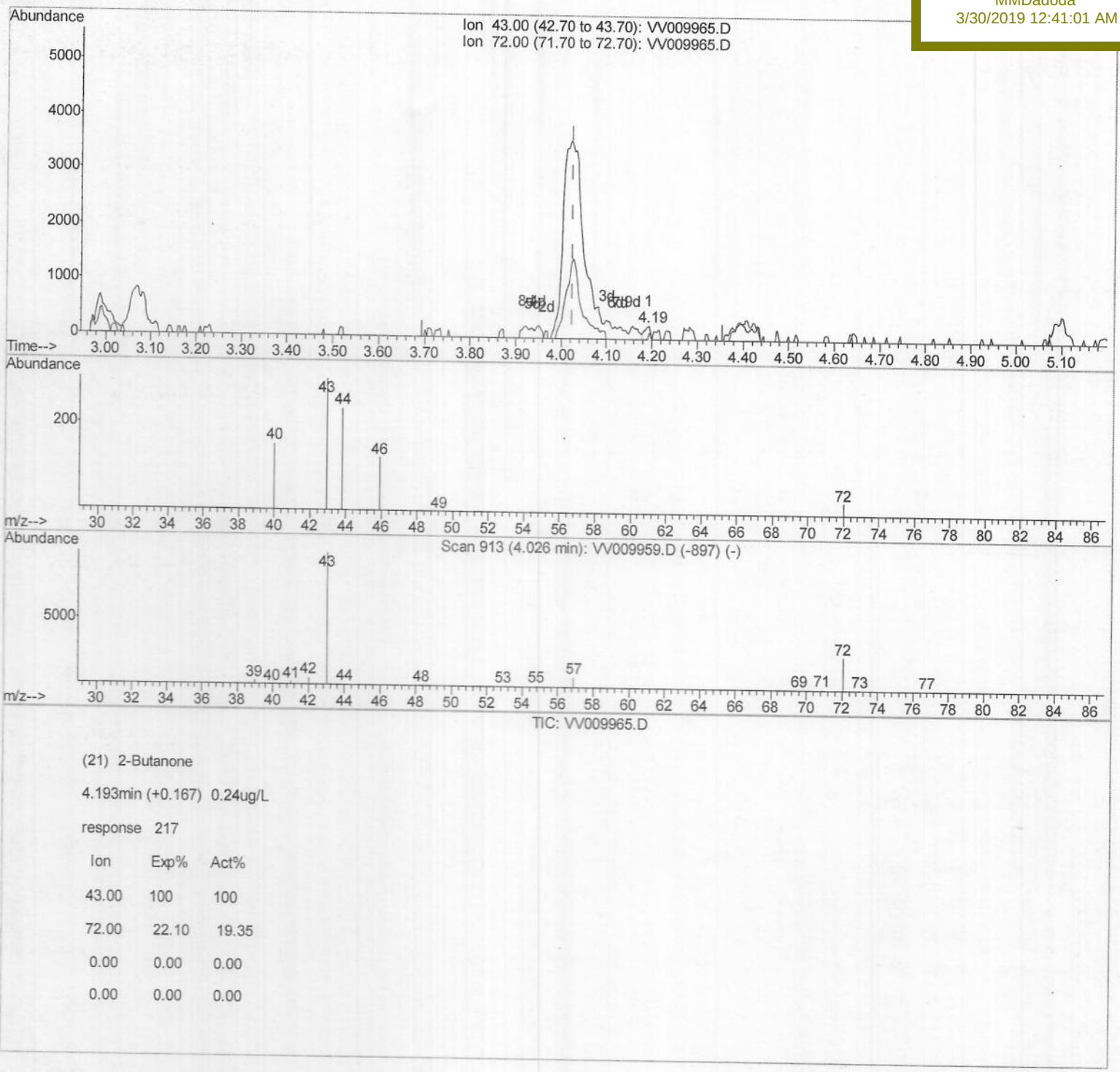

(21) 2-Butanone

4.193min (+0.167) 0.24ug/L

response 217

Ion	Exp%	Act%
43.00	100	100
72.00	22.10	19.35
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

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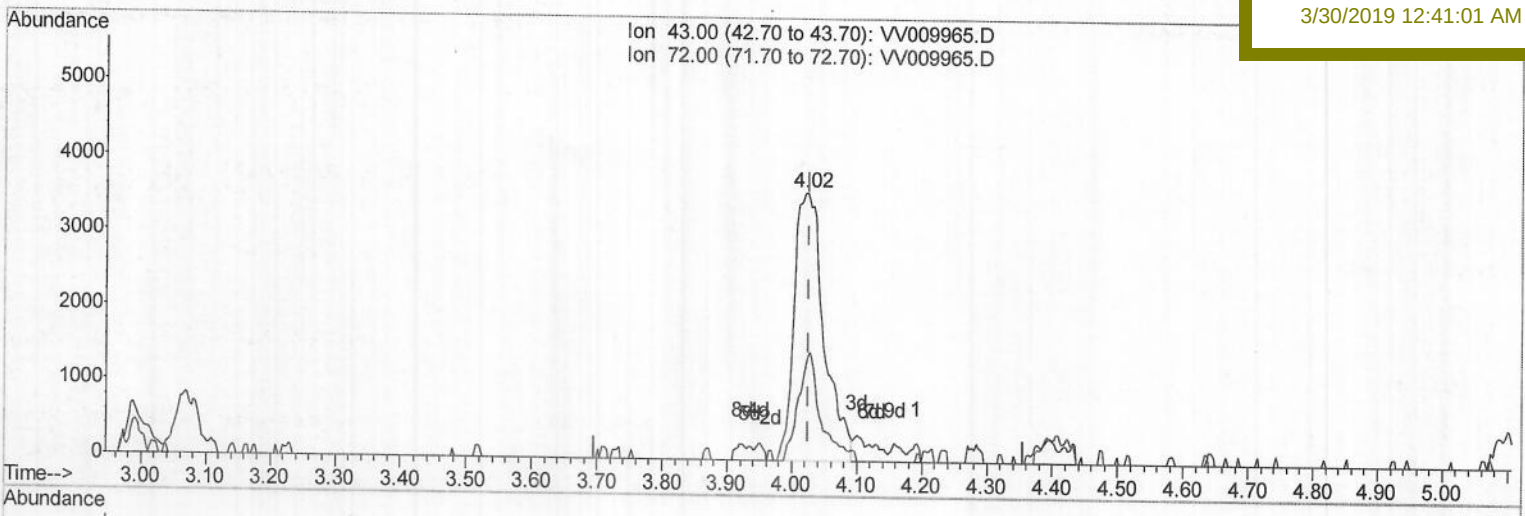
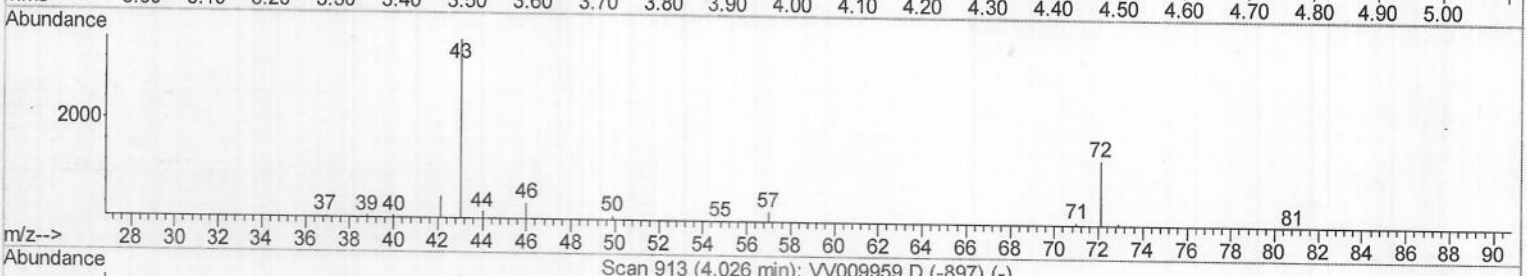
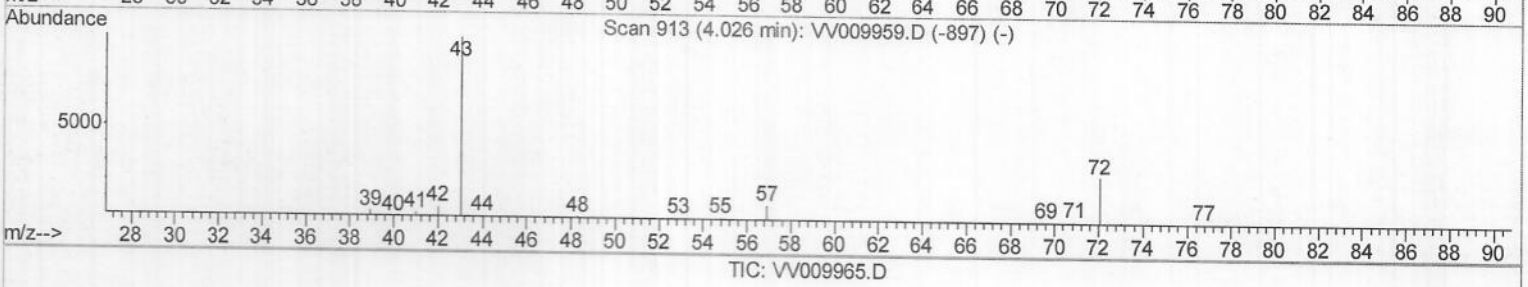
Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:01 AM







TIC: VV009965.D

(21) 2-Butanone

4.023min (-0.003) 12.34ug/L m

response 11362

Ion	Exp%	Act%
43.00	100	100
72.00	22.10	0.37#
0.00	0.00	0.00
0.00	0.00	0.00

M.D 4/11/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF1H9

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49094	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78838	21.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.08%			
7) Chloroethane-d5	1.56	69	91085	23.02	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.08%			
10) 1,1-Dichloroethene-d2	2.12	63	176479	17.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.44%			
20) 2-Butanone-d5	3.93	46	28841	42.25	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.50%			
24) Chloroform-d	4.40	84	93624	20.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.44%			
26) 1,2-Dichloroethane-d4	5.08	65	63627	22.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.96%			
29) Benzene-d6	5.10	84	219194	26.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.76%			
33) 1,2-Dichloropropane-d6	6.12	67	62898	25.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.72%			
37) Toluene-d8	7.36	98	191037	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.44%			
38) trans-1,3-Dichloropropene-	7.66	79	20240	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.80%			
39) 2-Hexanone-d5	8.13	63	18659	40.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.64%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49016	20.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	41710	22.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.24%			
Target Compounds						Qvalue
13) Acetone	2.18	43	55597	53.794	ug/L	99
16) Methylene chloride	2.53	84	5013	1.686	ug/L	95
21) 2-Butanone	4.02	43	11362m	12.344	ug/L	

M.D 4/11/19

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