

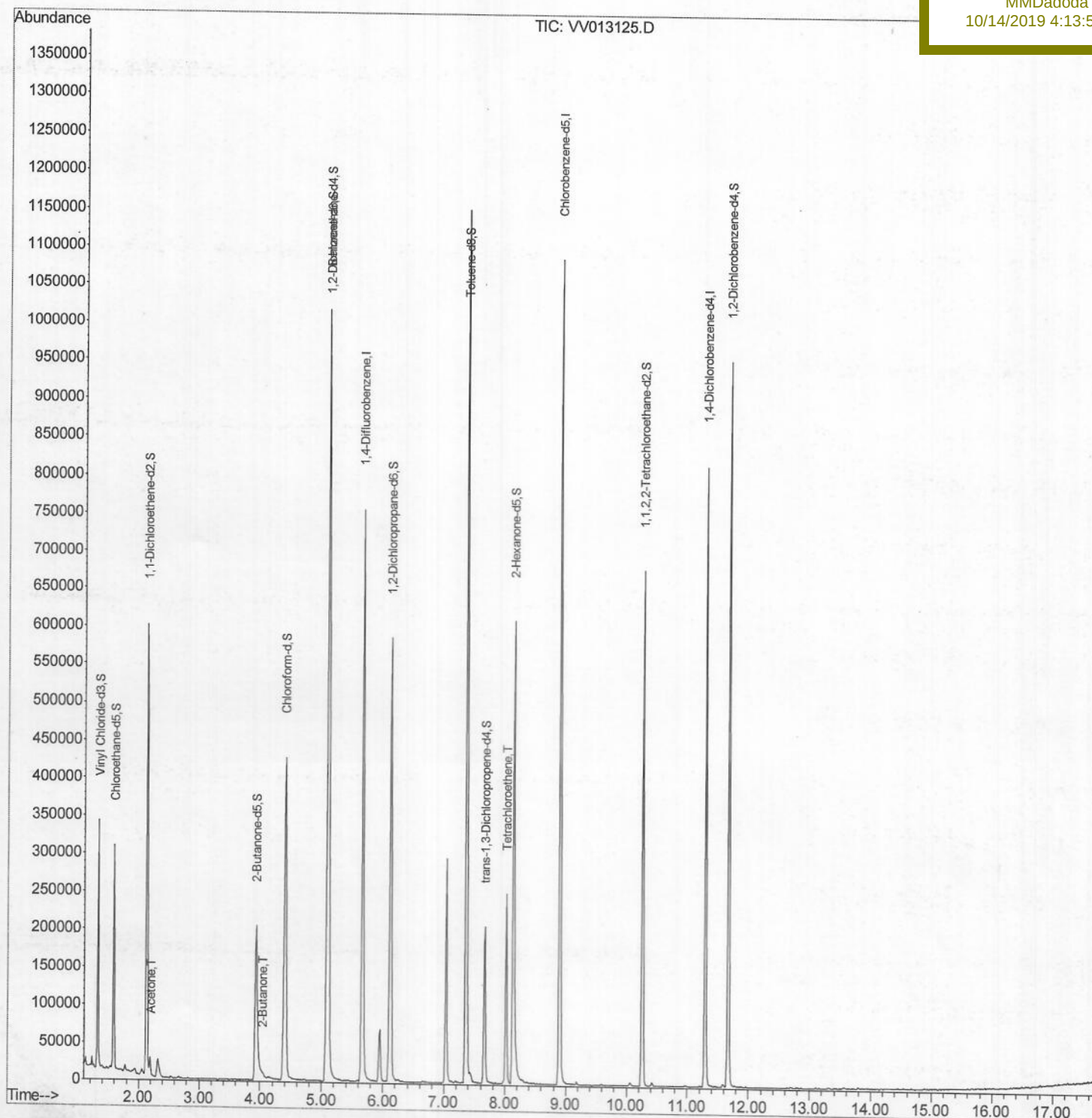
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101119\
Data File : VV013125.D
Acq On : 12 Oct 2019 01:58
Operator : SY/MD
Sample : K5347-06
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 12 04:49:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 12 01:26:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Manual Integrations
APPROVED

MMDadoda
10/14/2019 4:13:57 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101119\

Data File : VV013125.D

Acq On : 12 Oct 2019 01:58

Operator : SY/MD

Sample : K5347-06

Misc : 5.00ML/MSVOA V/WATER

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 12 03:32:24 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Oct 12 01:26:57 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

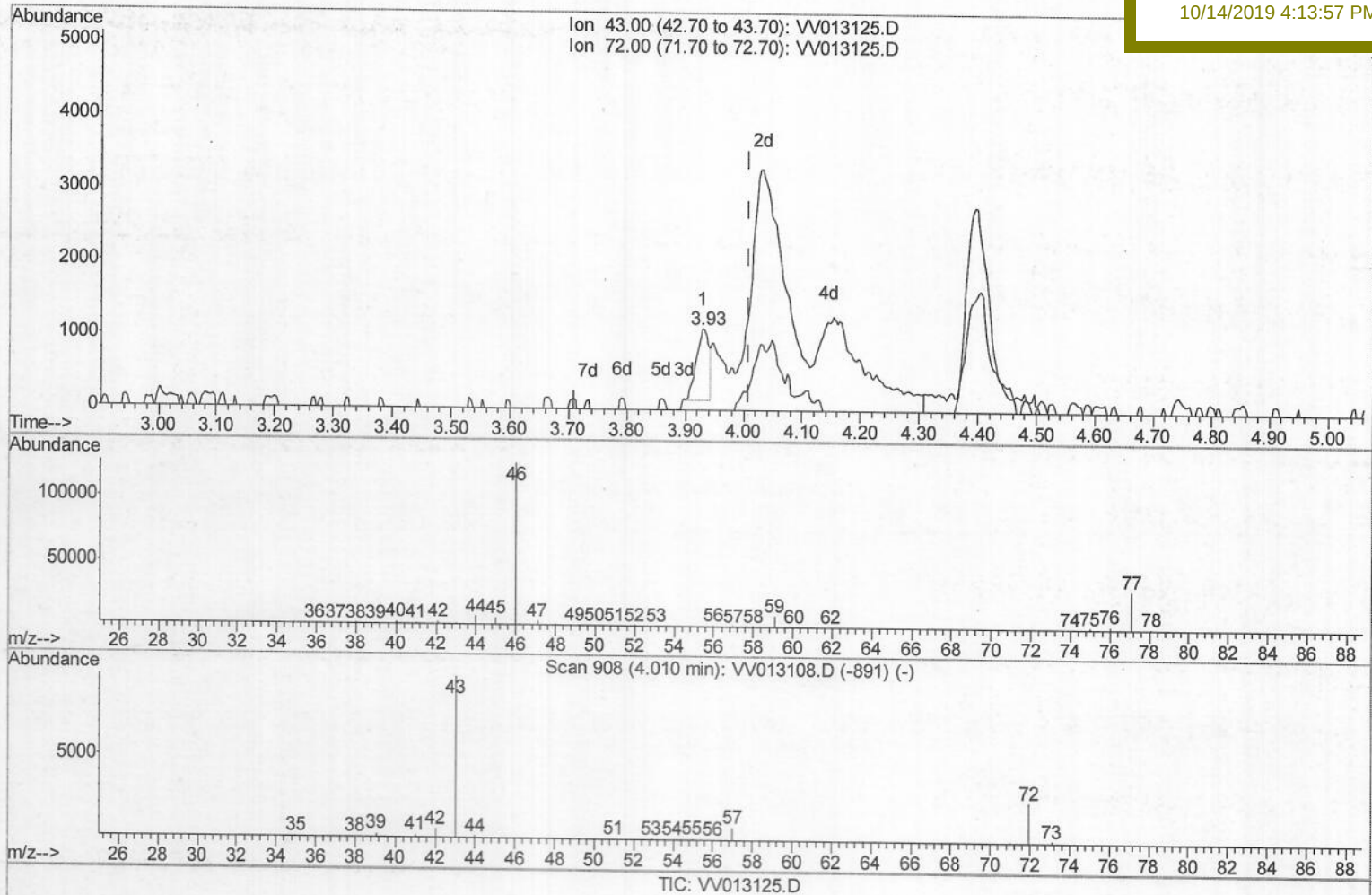
C0AF5

Manual Integrations

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10/14/2019 4:13:57 PM



(22) 2-Butanone (T)

3.930min (-0.080) 0.42ug/L

response 1499

Ion	Exp%	Act%
43.00	100	100
72.00	25.60	14.68
0.00	0.00	0.00
0.00	0.00	0.00

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MSVOA_V

ClientSampled :

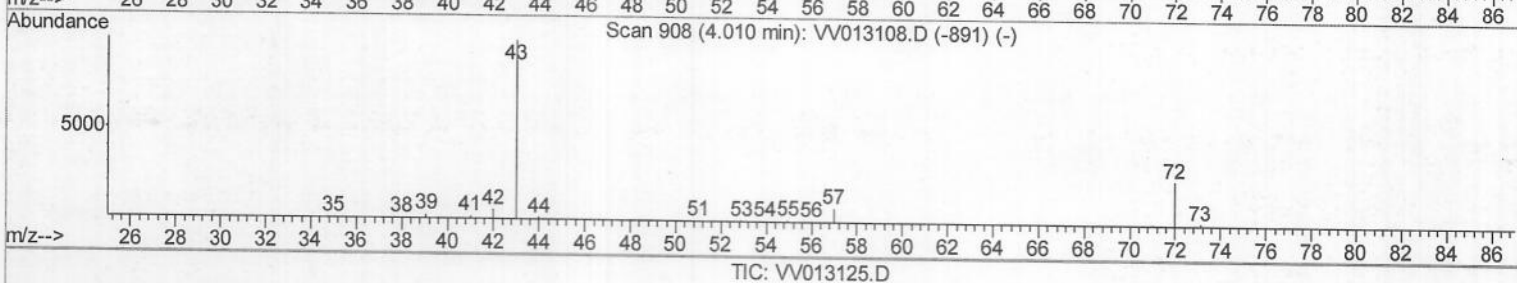
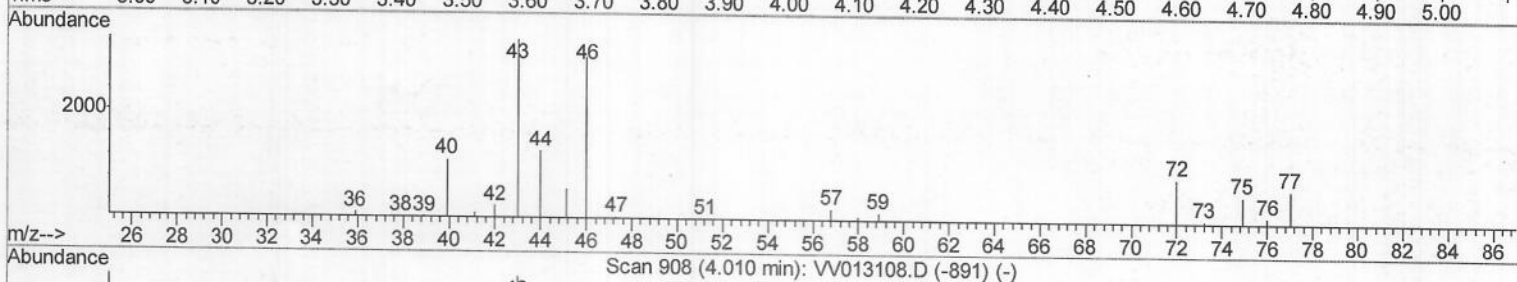
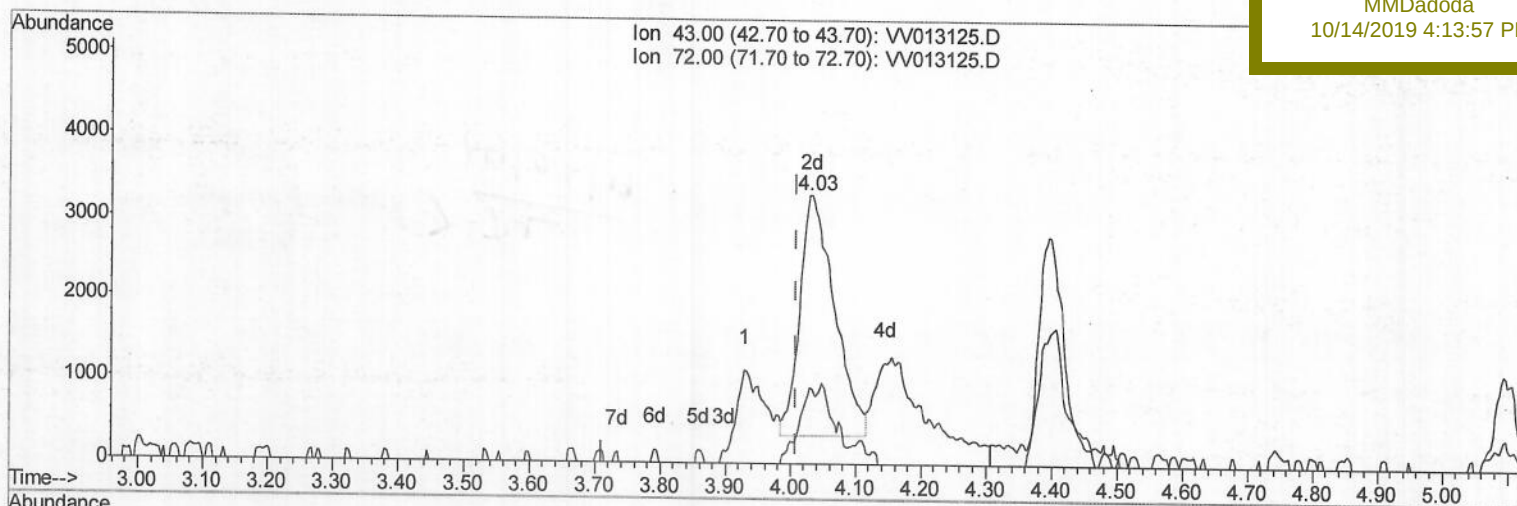
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Manual Integrations

APPROVED

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10/14/2019 4:13:57 PM



(22) 2-Butanone (T)

4.032min (+0.023) 3.03ug/L m

response 10890

Ion	Exp%	Act%
43.00	100	100
72.00	25.60	2.02#
0.00	0.00	0.00
0.00	0.00	0.00

> M.D
10/15/19

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Data File : VV013125.D

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Operator : SY/MD

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Misc : 5.00ML/MSVOA V/WATER

ALS Vial : 25 Sample Multiplier: 1

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Quant Title : VOC Analysis

QLast Update : Sat Oct 12 01:26:57 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

Manual Integrations

APPROVED

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10/14/2019 4:13:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	647615	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	605478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	213465	52.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	104.30%		
7) Chloroethane-d5	1.58	69	191342	57.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	114.04%		
11) 1,1-Dichloroethene-d2	2.13	63	303459	39.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.60%		
21) 2-Butanone-d5	3.93	46	341485	110.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.94%		
24) Chloroform-d	4.40	84	420609	53.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.74%		
26) 1,2-Dichloroethane-d4	5.08	65	274469	56.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.00%		
32) Benzene-d6	5.10	84	890643	55.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.26%		
36) 1,2-Dichloropropane-d6	6.12	67	284165	56.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.30%		
41) Toluene-d8	7.36	98	753658	52.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.26%		
43) trans-1,3-Dichloropropene-	7.66	79	112779	49.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.38%		
47) 2-Hexanone-d5	8.13	63	202304	100.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.46%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	324097	49.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.24%		
64) 1,2-Dichlorobenzene-d4	11.67	152	258923	60.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	120.28%#		

Target Compounds

					Ovalue
13) Acetone	2.19	43	17385	6.151 ug/L	98
22) 2-Butanone	4.03	43	10890m	3.027 ug/L	
46) Tetrachloroethene	8.02	164	59640	15.342 ug/L	97

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

7 M.D
10/15/19