

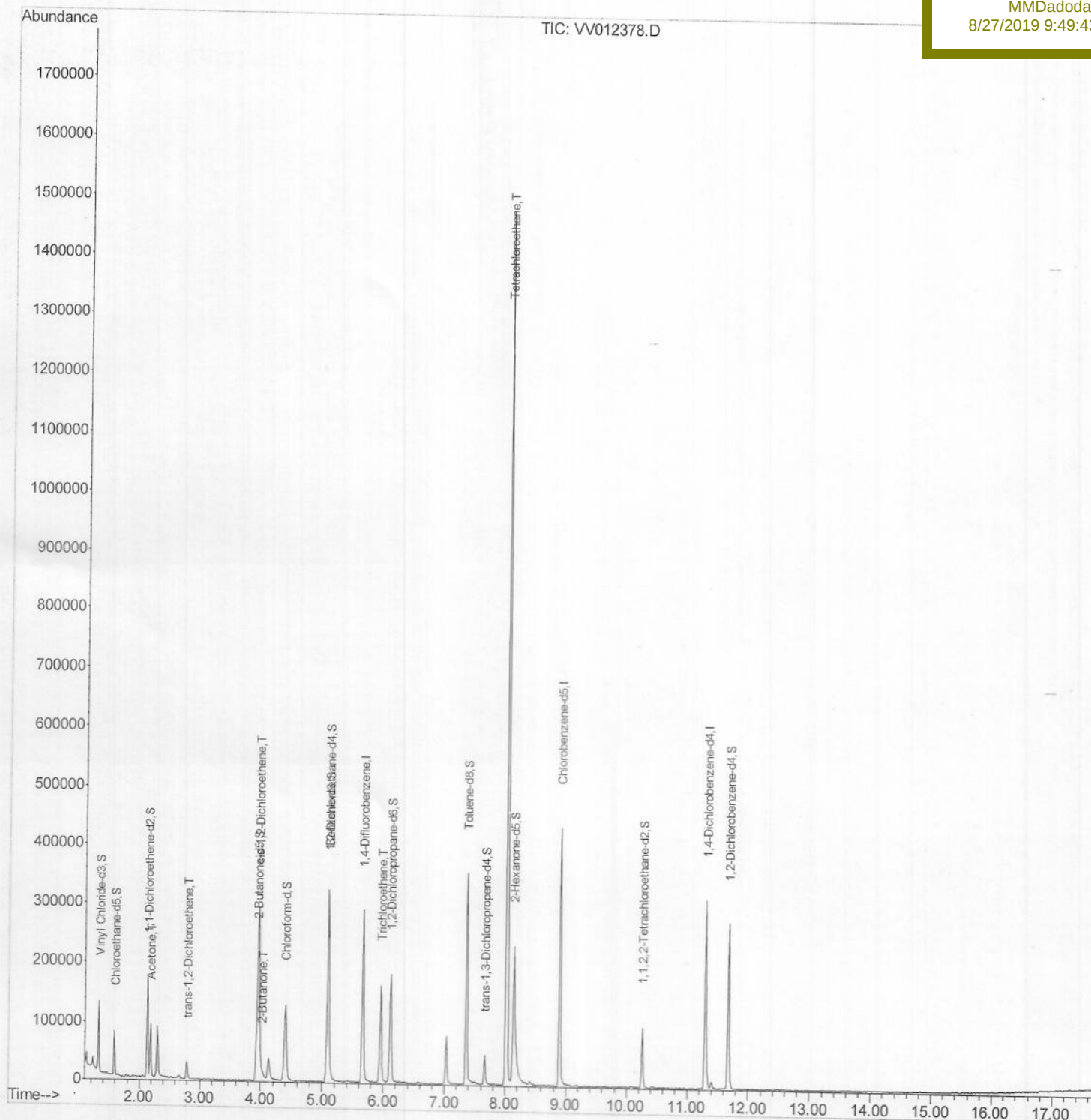
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082319\
Data File : VV012378.D
Acq On : 23 Aug 2019 21:51
Operator : SY/MD
Sample : K4500-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 26 08:45:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GANK0

Manual Integrations
APPROVED

MMDadoda
8/27/2019 9:49:43 AM



Quantitation Report (Qedit)

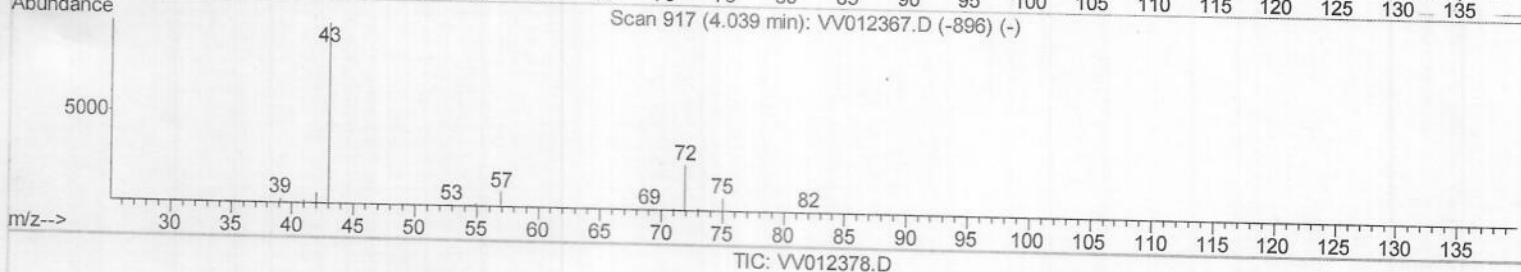
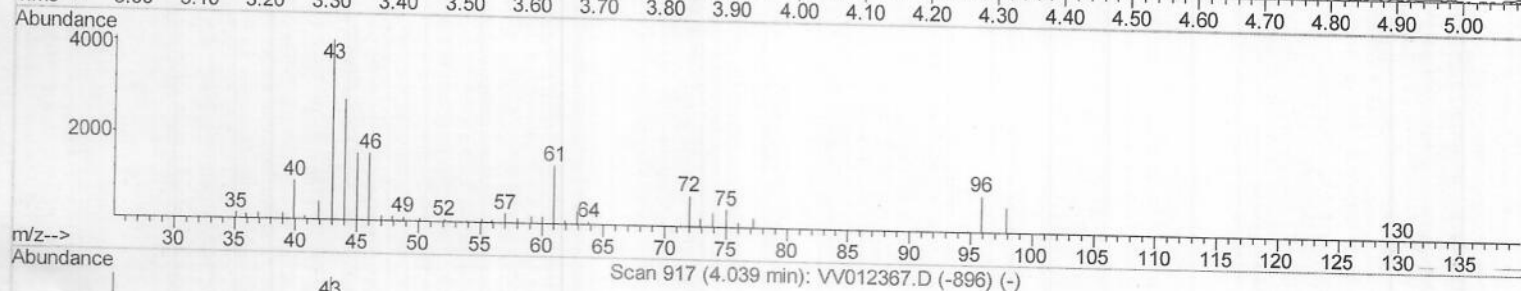
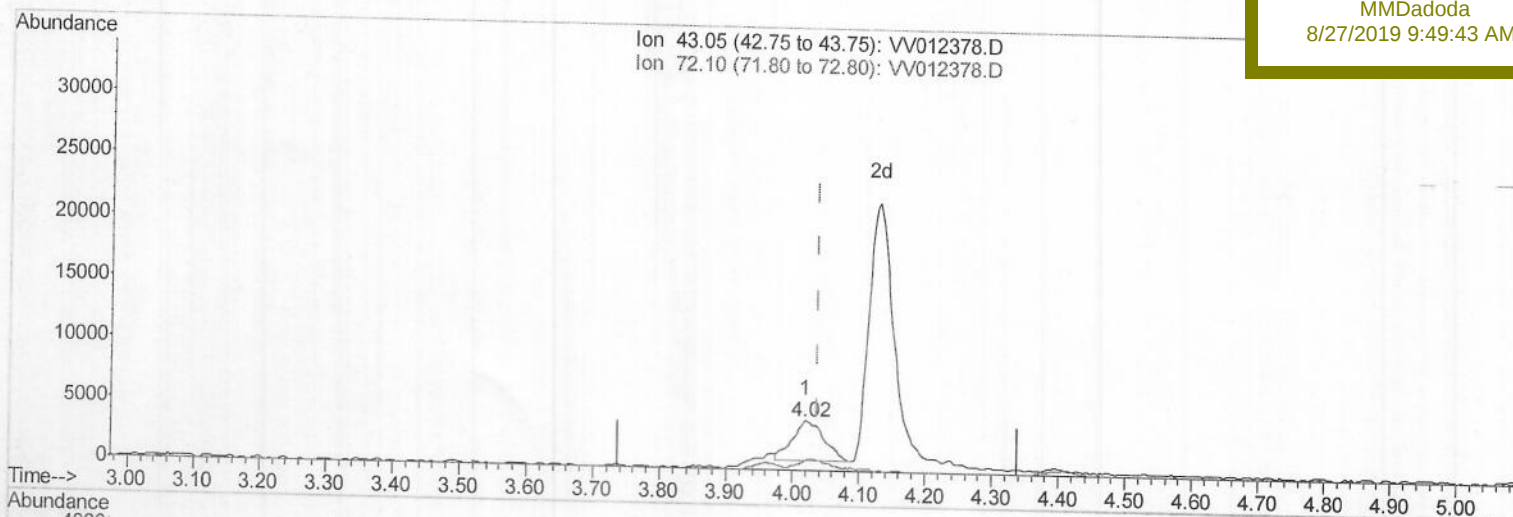
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
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(21) 2-Butanone (T)

Ion	Exp%	Act%
43.05	100	100
72.10	24.40	26.54
0.00	0.00	0.00
0.00	0.00	0.00

4.019min (-0.019) 3.24ug/L
 response 10955

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082319\
Data File : VV012378.D

Acq On : 23 Aug 2019 21:51

Operator : SY/MD

Sample : K4500-06

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 26 08:04:14 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Mon Aug 26 07:59:52 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

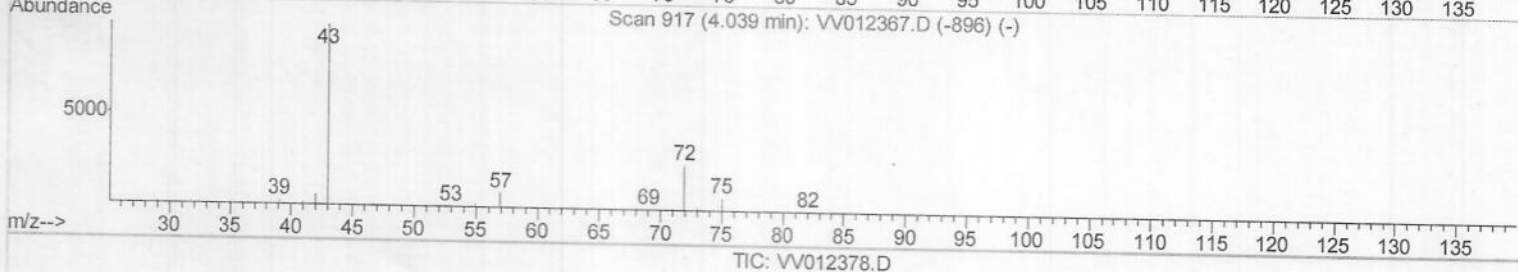
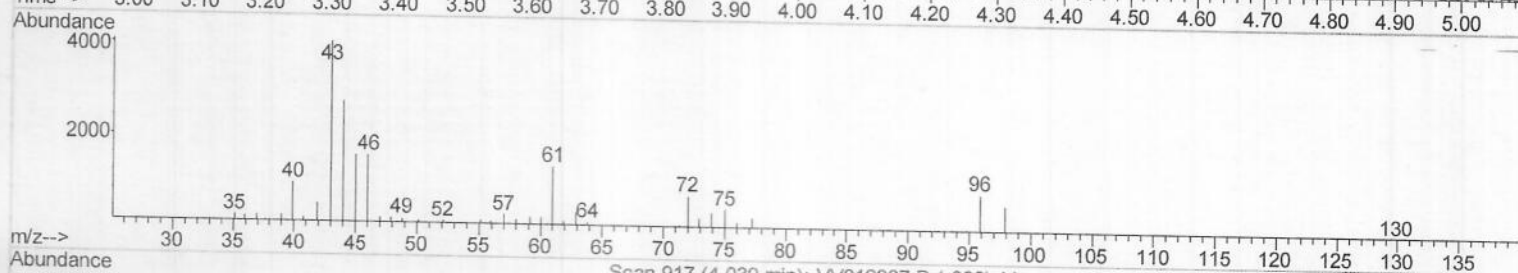
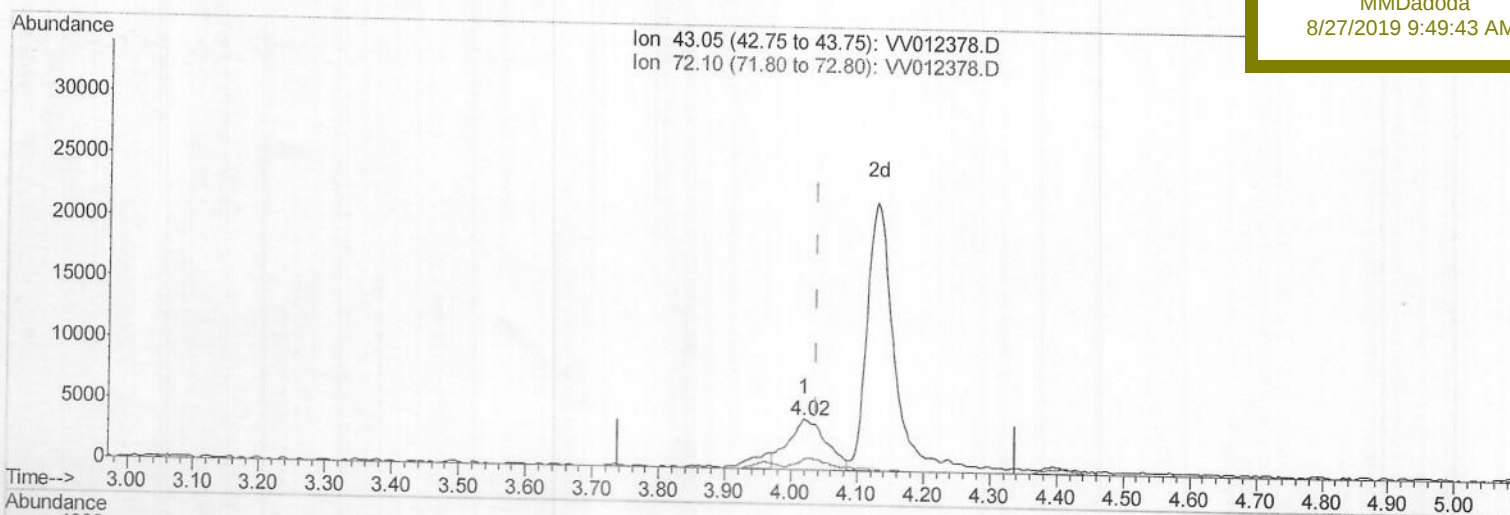
GANK0

Manual Integrations

APPROVED

MMDadoda

8/27/2019 9:49:43 AM



(21) 2-Butanone (T)

4.019min (-0.019) 4.81ug/L m

response 16250

Ion Exp% Act%

43.05 100 100

72.10 24.40 17.90

0.00 0.00 0.00

0.00 0.00 0.00

MD 08/30/19
B

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082319\
 Data File : VV012378.D
 Acq On : 23 Aug 2019 21:51
 Operator : SY/MD
 Sample : K4500-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sample ID :
 GANKO

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 9:49:43 AM

Quant Time: Aug 26 08:45:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	246698	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68193	5.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	110.60%		
7) Chloroethane-d5	1.58	69	47347	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	104.00%		
11) 1,1-Dichloroethene-d2	2.13	63	87654	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	80.00%		
20) 2-Butanone-d5	3.93	46	112858	33.96	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	67.92%		
24) Chloroform-d	4.40	84	128116	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.40%		
26) 1,2-Dichloroethane-d4	5.08	65	68819	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.60%		
32) Benzene-d6	5.10	84	287754	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.00%		
36) 1,2-Dichloropropane-d6	6.12	67	88016	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.00%		
41) Toluene-d8	7.36	98	234143	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.20%		
43) trans-1,3-Dichloropropene-	7.66	79	27257	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.00%		
46) 2-Hexanone-d5	8.13	63	77568	36.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	73.36%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49764	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	83.40%		
64) 1,2-Dichlorobenzene-d4	11.67	152	80934	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.00%		

Target Compounds

					Qvalue
13) Acetone	2.19	43	85665	59.591	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	9931	0.675	ug/L 88
21) 2-Butanone	4.02	43	16250m	4.813	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	133855	8.339	ug/L 98
34) Trichloroethene	5.96	95	54809	3.267	ug/L 98
47) Tetrachloroethene	8.02	164	337691	24.947	ug/L 97

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

> 11008/30/19