

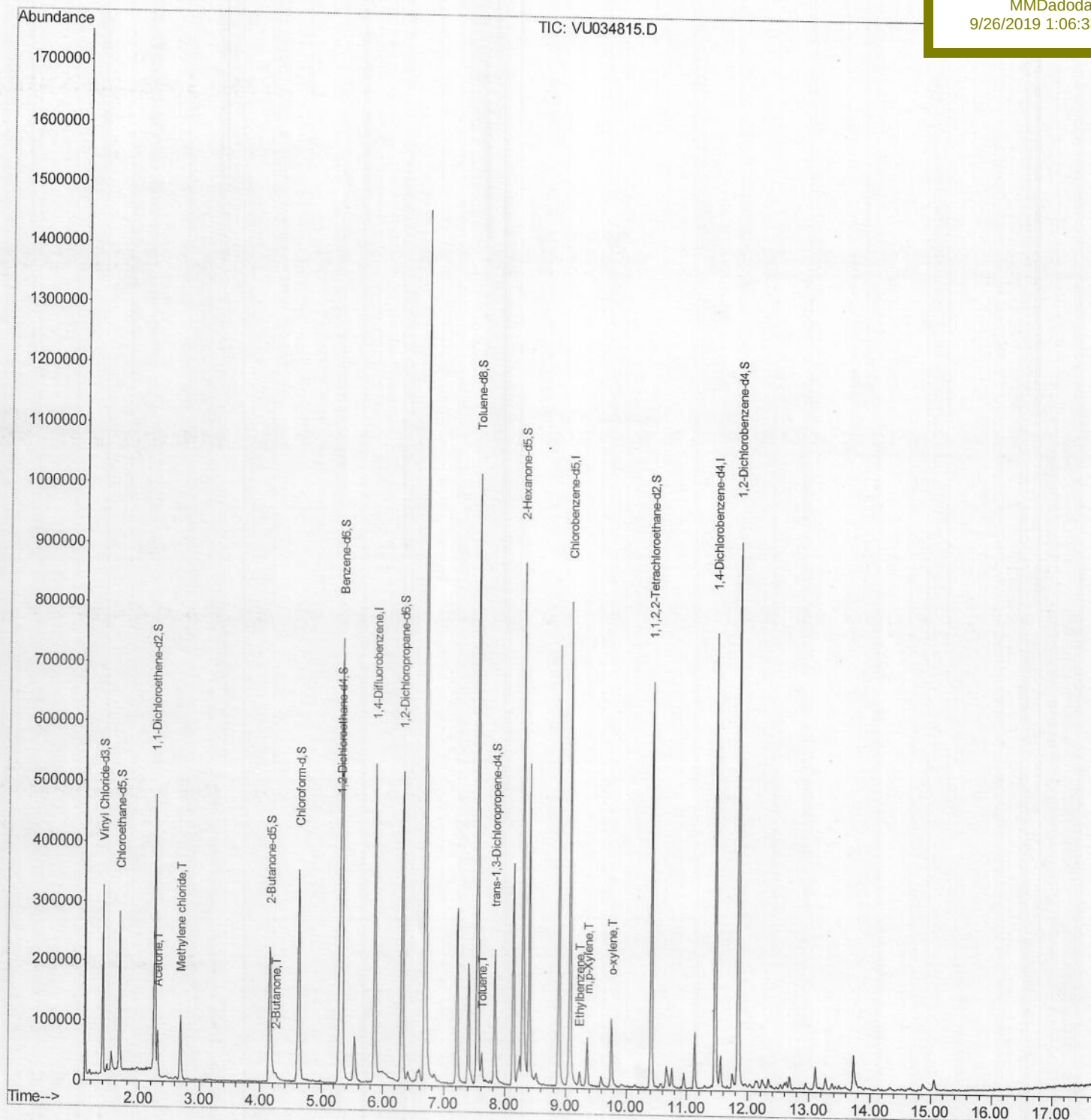
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
Data File : VU034815.D
Acq On : 25 Sep 2019 20:20
Operator : JC/SP
Sample : K4983-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 26 08:35:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDM0

Manual Integrations
APPROVED

MMDadoda
9/26/2019 1:06:33 PM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\

Data File : VU034815.D

Acq On : 25 Sep 2019 20:20

Operator : JC/SP

Sample : K4983-05

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 26 07:53:26 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Sep 26 06:56:48 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

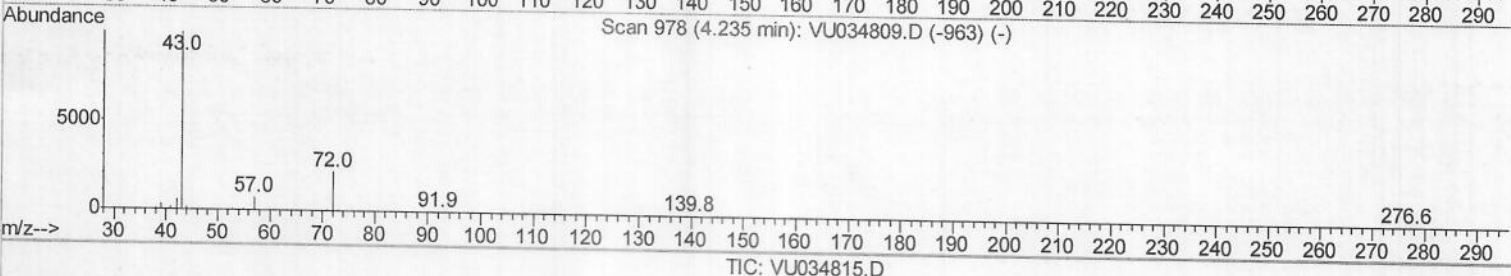
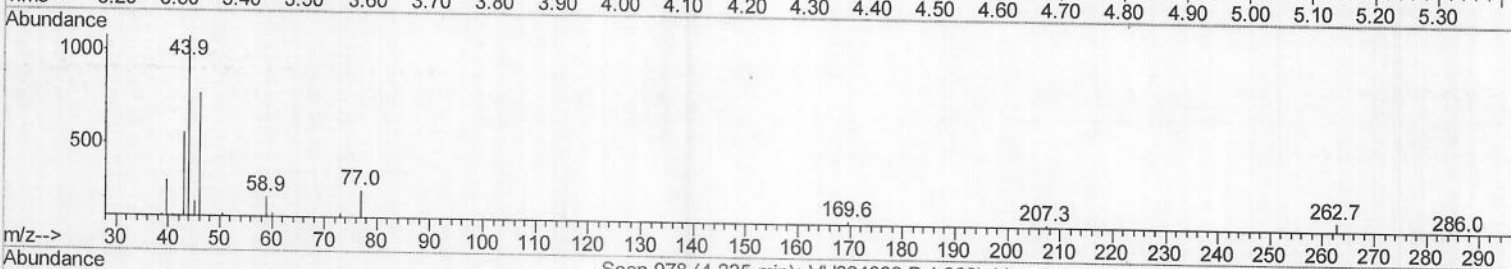
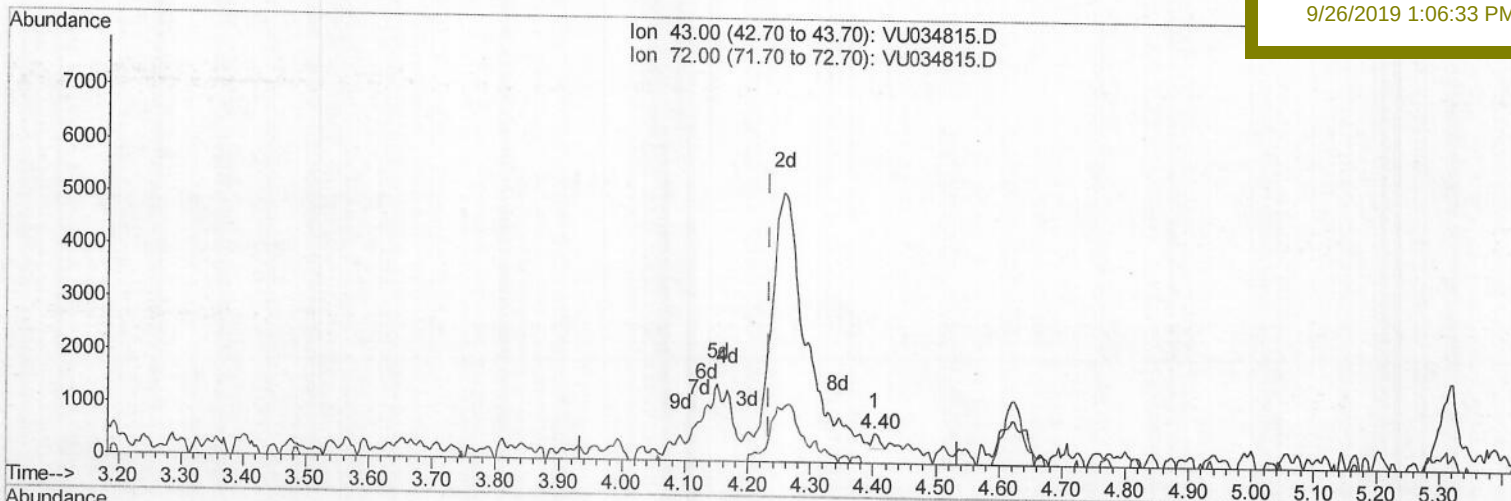
BFDM0

Manual Integrations

APPROVED

MMDadoda

9/26/2019 1:06:33 PM



(22) 2-Butanone (T)

4.402min (+0.167) 0.05ug/L

response 216

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	21.76
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\

Data File : VU034815.D

Acq On : 25 Sep 2019 20:20

Operator : JC/SP

Sample : K4983-05

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 26 07:53:26 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Sep 26 06:56:48 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

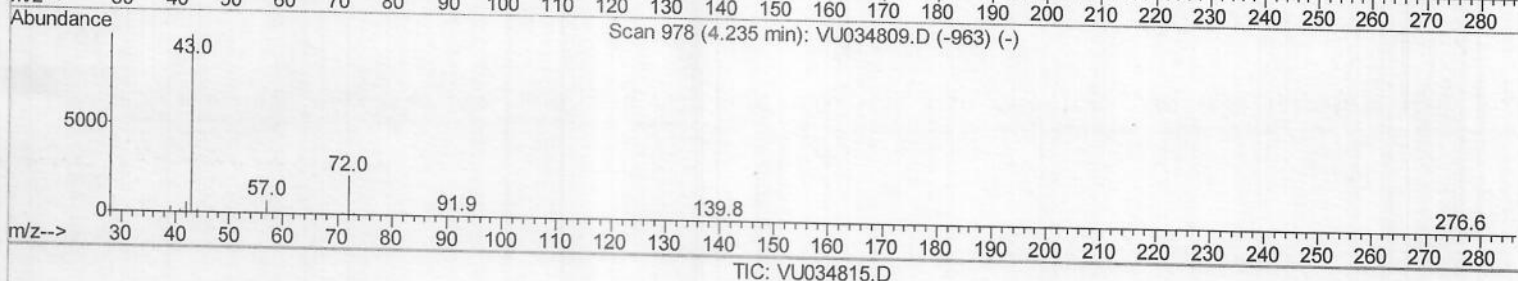
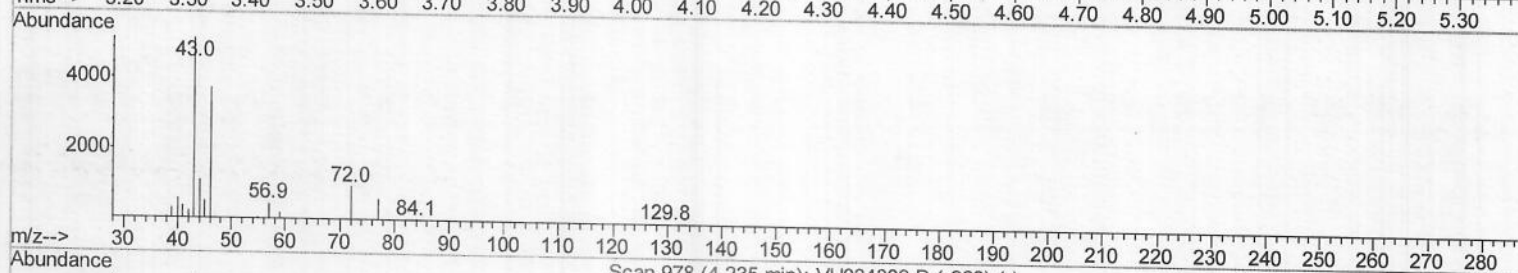
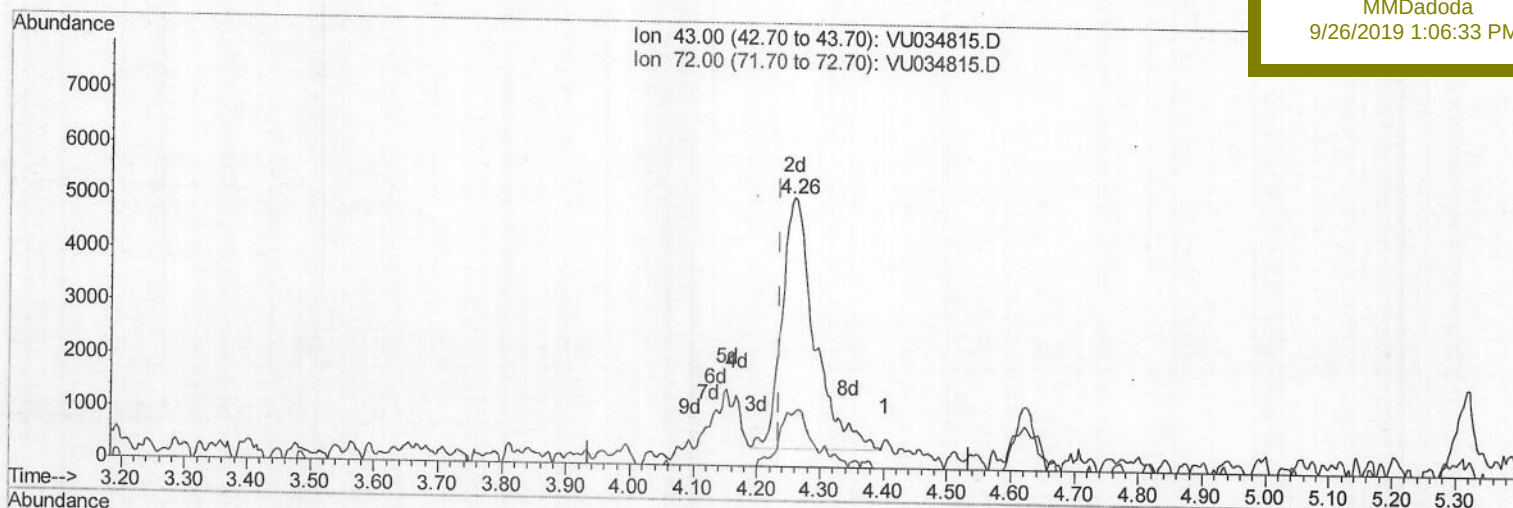
BFD00

Manual Integrations

APPROVED

MMDadoda

9/26/2019 1:06:33 PM



(22) 2-Butanone (T)

4.257min (+0.022) 3.68ug/L m 3 MD 09/30/19

response 17276

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	0.27#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
 Data File : VU034815.D
 Acq On : 25 Sep 2019 20:20
 Operator : JC/SP
 Sample : K4983-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 BFDMO

Quant Time: Sep 26 08:35:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:06:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	432849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	407566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	188047	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196818	44.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.84%		
7) Chloroethane-d5	1.67	69	170448	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.54%		
11) 1,1-Dichloroethene-d2	2.26	63	261240	34.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.62%		
21) 2-Butanone-d5	4.15	46	390300	114.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.92%		
24) Chloroform-d	4.62	84	333555	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.56%		
26) 1,2-Dichloroethane-d4	5.28	65	228566	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
32) Benzene-d6	5.32	84	701066	55.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.00%		
36) 1,2-Dichloropropane-d6	6.31	67	249224	56.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.88%		
41) Toluene-d8	7.54	98	660443	54.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.90%		
43) trans-1,3-Dichloropropene-	7.83	79	102257	48.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.70%		
47) 2-Hexanone-d5	8.29	63	271427	122.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	122.39%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	332565	54.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.56%		
64) 1,2-Dichlorobenzene-d4	11.84	152	224904	57.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.08%		

Target Compounds

					Ovalue
13) Acetone	2.31	43	80467	20.368 ug/L	97
16) Methylene chloride	2.68	84	42365	11.810 ug/L	90
22) 2-Butanone	4.26	43	17276m	3.676 ug/L	97
42) Toluene	7.62	91	34358	2.249 ug/L	97
52) Ethylbenzene	9.23	91	16774	0.975 ug/L	98
53) m,p-Xylene	9.35	106	21150	3.471 ug/L	90
54) o-xylene	9.76	106	15130	2.511 ug/L	84

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