

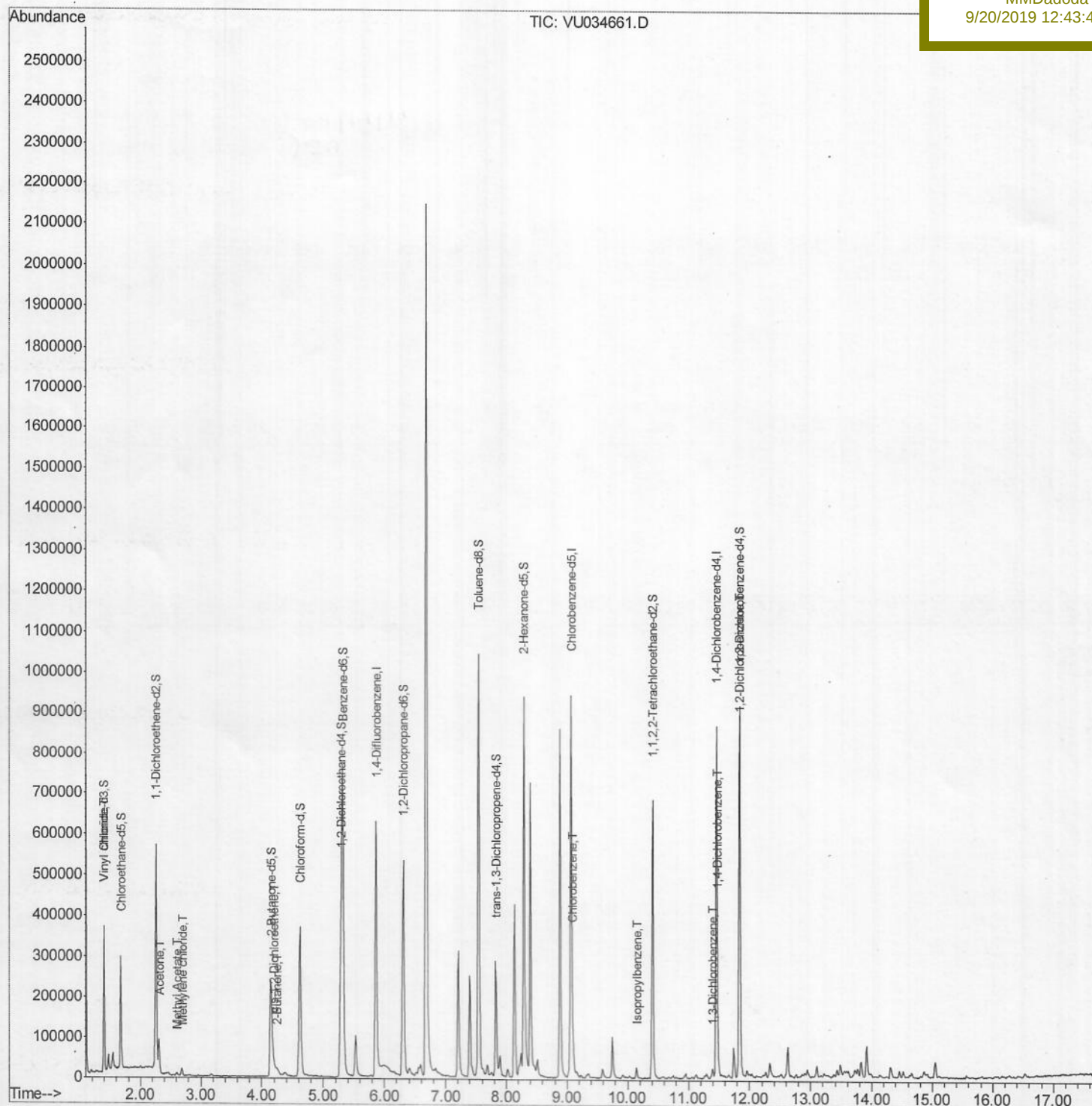
Data File : VU034661.D
Acq On : 19 Sep 2019 21:03
Operator : JC/SP
Sample : K4895-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 20 05:01:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDG2

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:43:42 PM



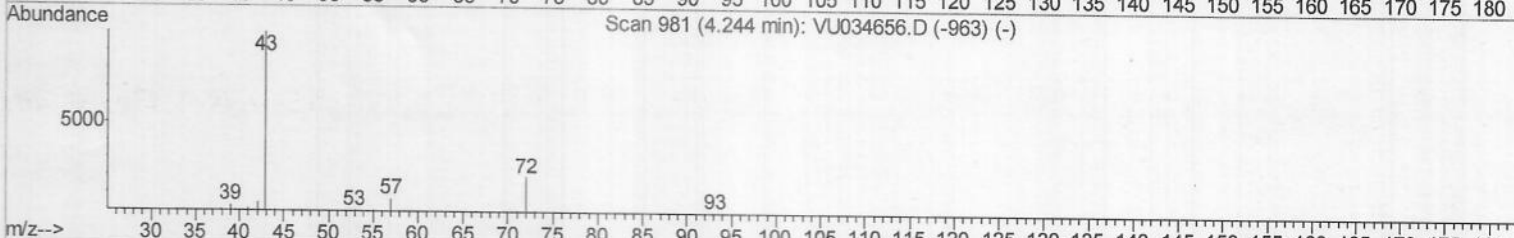
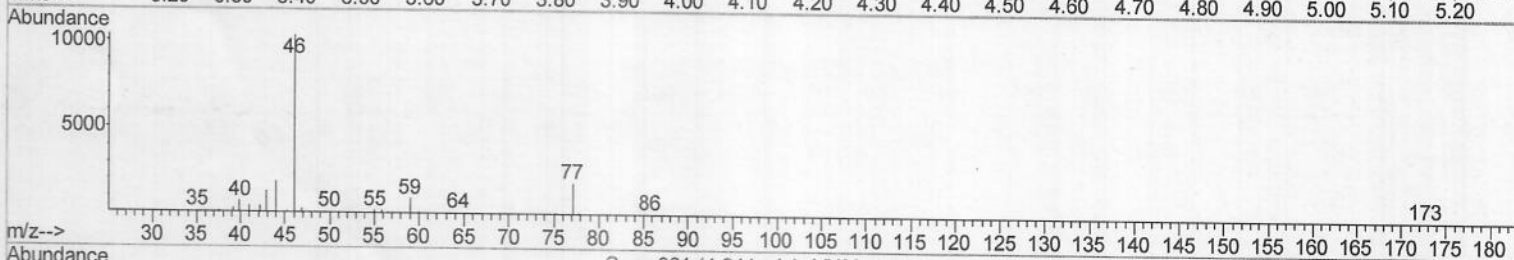
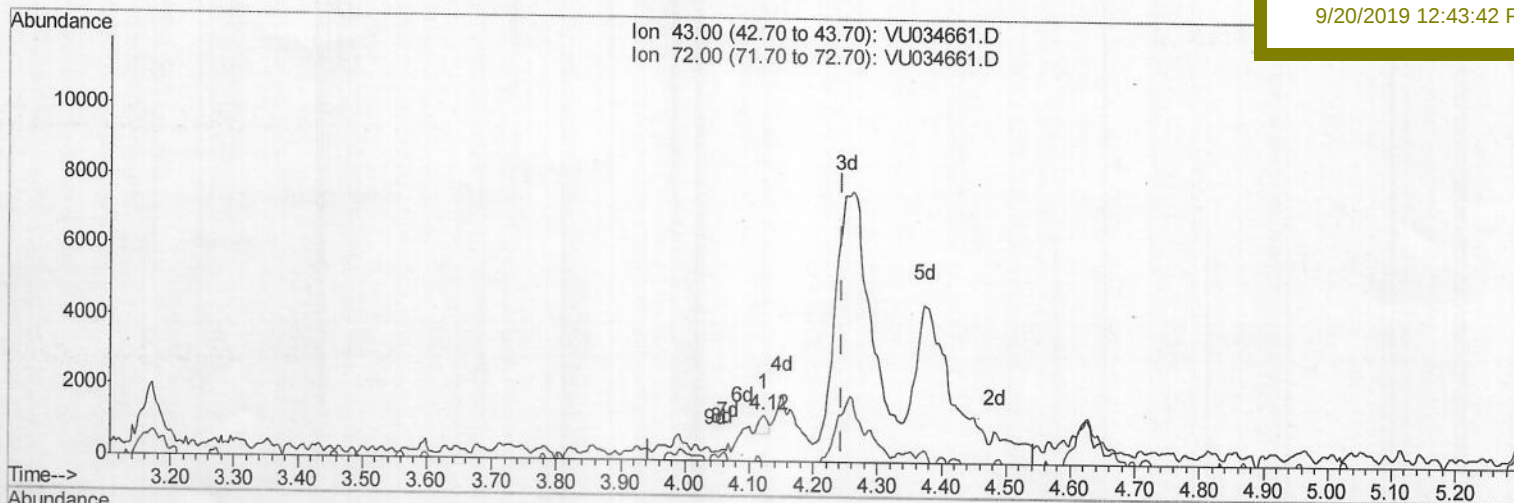
Data File : VU034661.D
Acq On : 19 Sep 2019 21:03
Operator : JC/SP
Sample : K4895-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG2

Quant Time: Sep 20 04:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:43:42 PM



TIC: VU034661.D

(22) 2-Butanone (T)

4.122min (-0.122) 0.10ug/L

response 529

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	10.40
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Quantitation Report (Qedit)

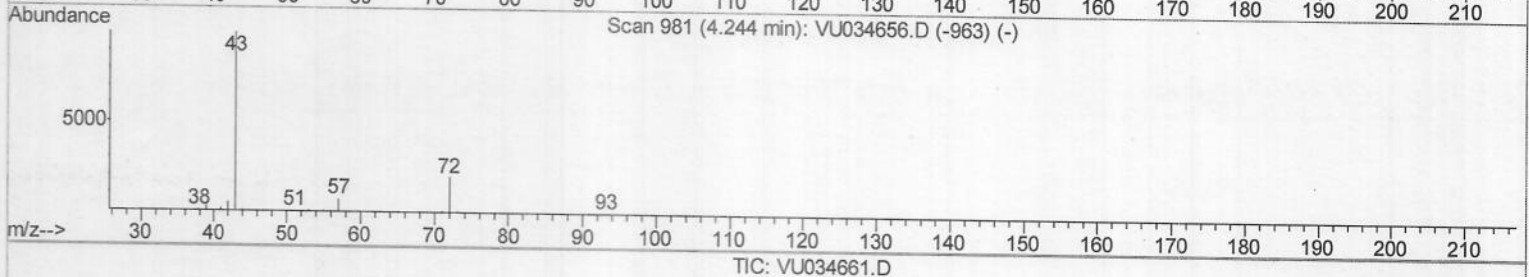
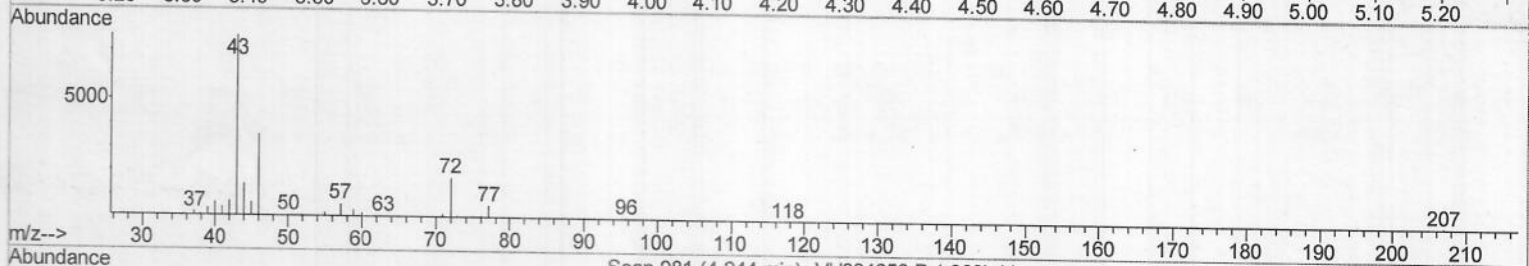
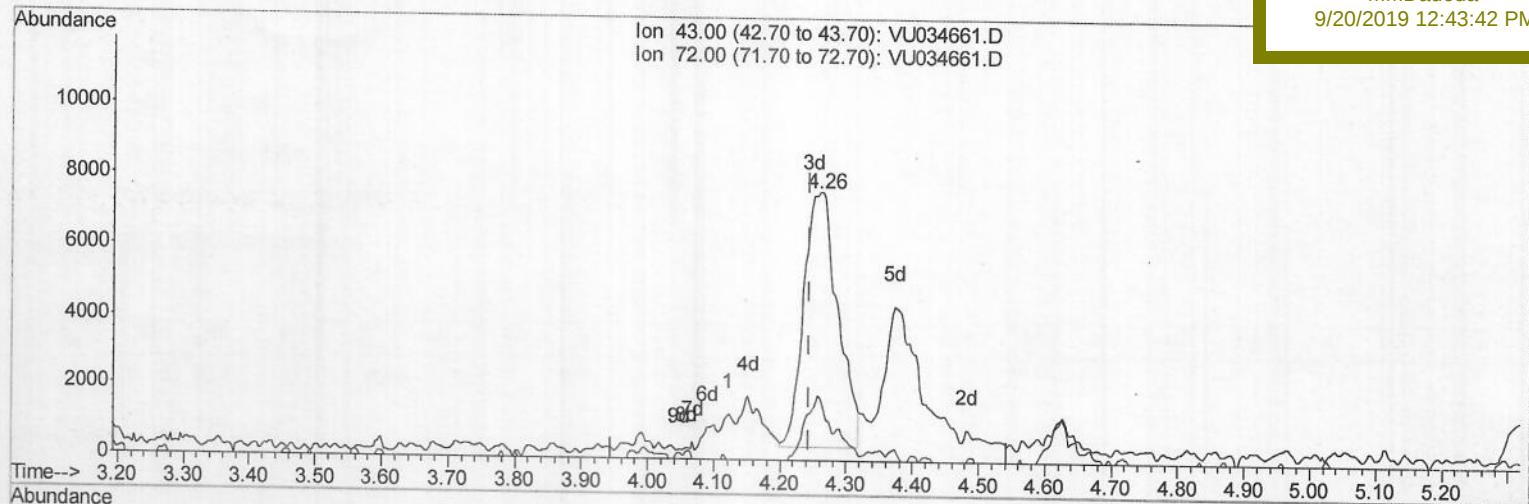
Data File : VU034661.D
Acq On : 19 Sep 2019 21:03
Operator : JC/SP
Sample : K4895-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 20 04:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDG2

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:43:42 PM



TIC: VU034661.D

(22) 2-Butanone (T)

4.260min (+0.016) 5.09ug/L m

response 25967

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	0.21#
0.00	0.00	0.00
0.00	0.00	0.00

M.A
09/20/19

Data File : VU034661.D
Acq On : 19 Sep 2019 21:03
Operator : JC/SP
Sample : K4895-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG2

Quant Time: Sep 20 05:01:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:43:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	470199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	452392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201242	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	220739	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.72%
7) Chloroethane-d5	1.67	69	182483	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.10%
11) 1,1-Dichloroethene-d2	2.26	63	310857	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.26%
21) 2-Butanone-d5	4.15	46	426984	115.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.74%
24) Chloroform-d	4.62	84	342221	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.29	65	251568	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.32	84	686886	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.31	67	239818	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.54	98	643399	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.83	79	112955	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.29	63	275993	112.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328245	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.84	152	212783	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%

Target Compounds					Qvalue
5) Vinyl chloride	1.40	62	6895	1.300 ug/L	# 47
13) Acetone	2.31	43	90402	21.065 ug/L	99
15) Methyl Acetate	2.61	43	7927	1.383 ug/L	99
16) Methylene chloride	2.68	84	6499	1.668 ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	5265	1.339 ug/L	78
22) 2-Butanone	4.26	43	25967m	5.086 ug/L	
51) Chlorobenzene	9.10	112	39693	3.851 ug/L	97
56) Isopropylbenzene	10.15	105	15779	0.875 ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	7434	1.067 ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	11703	1.648 ug/L	80
65) 1,2-Dichlorobenzene	11.85	146	9195	1.306 ug/L	# 84

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

M.A
09/20/19