

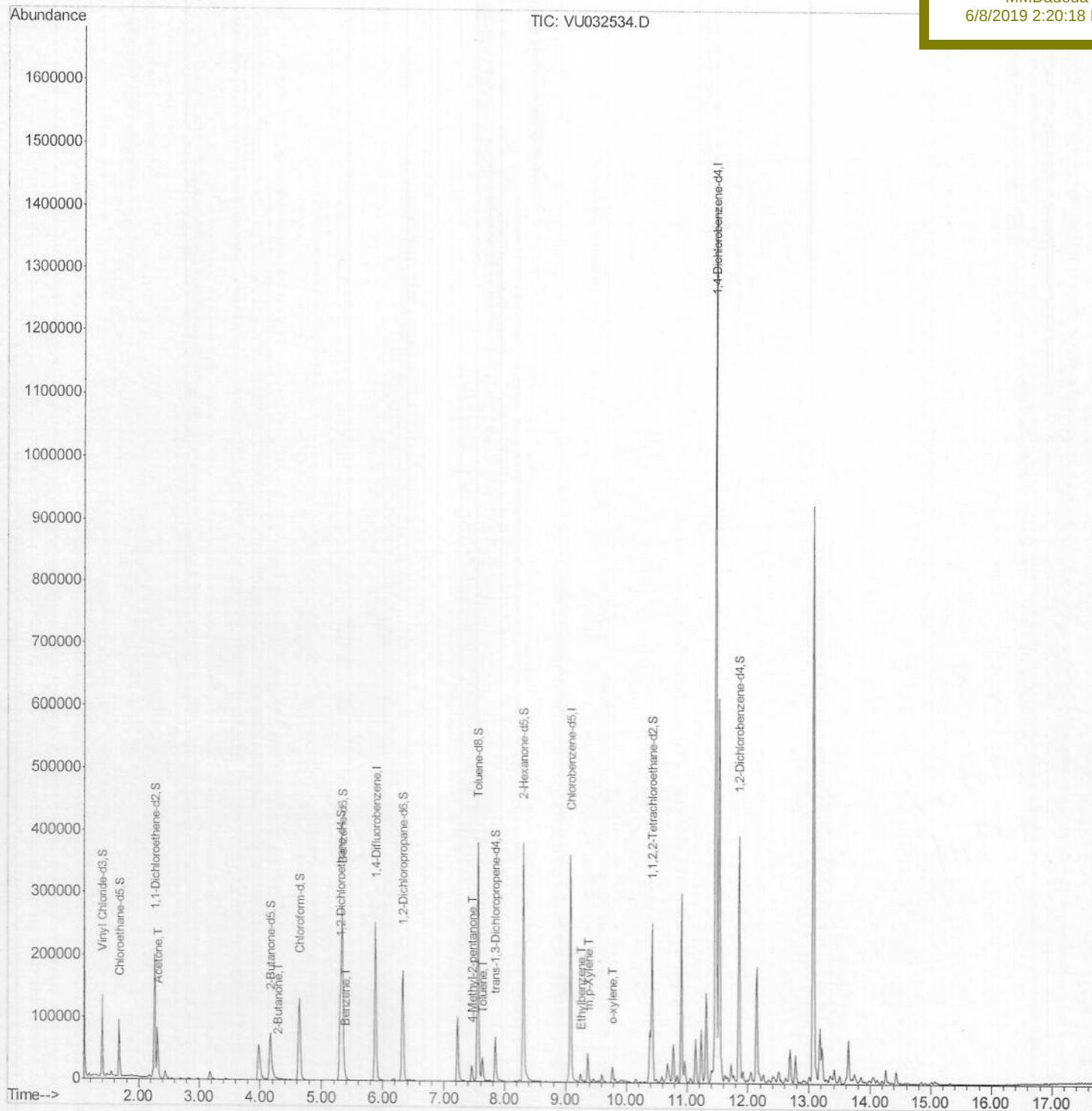
Data File : VU032534.D
Acq On : 07 Jun 2019 11:32
Operator : JC/SP
Sample : K3215-13DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 22:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB8J8DL

Manual Integrations
APPROVED

MMDadoda
6/8/2019 2:20:18 PM



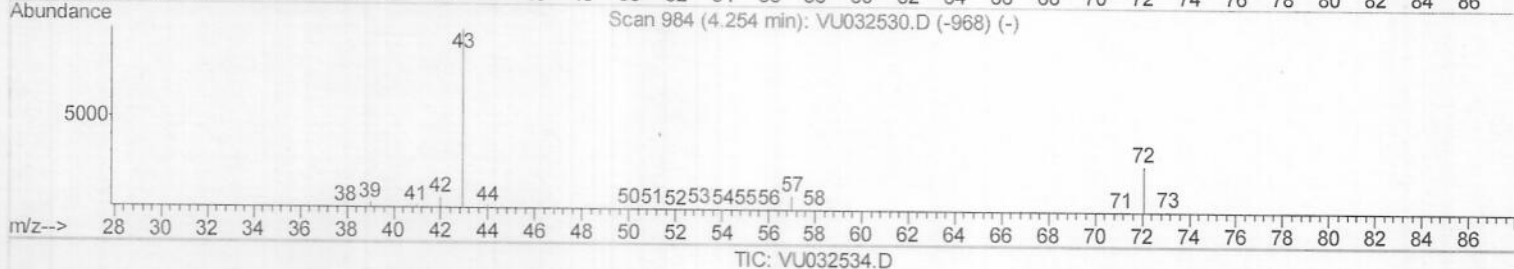
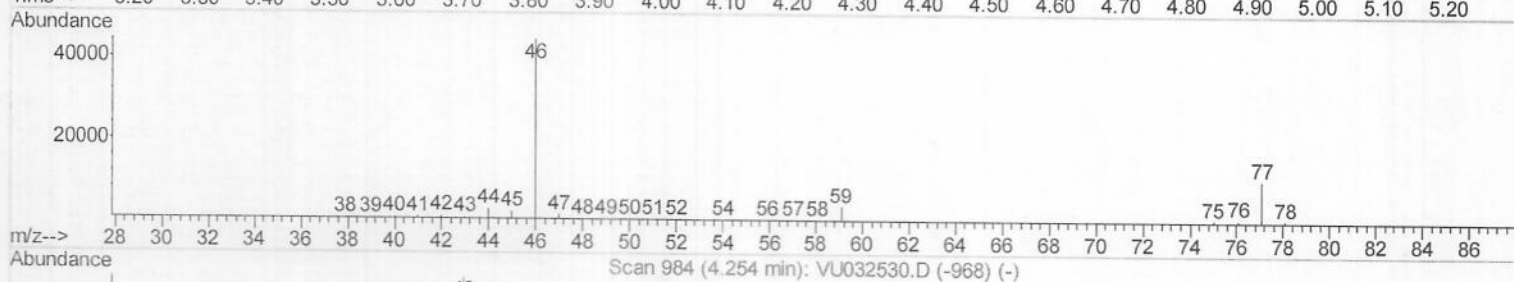
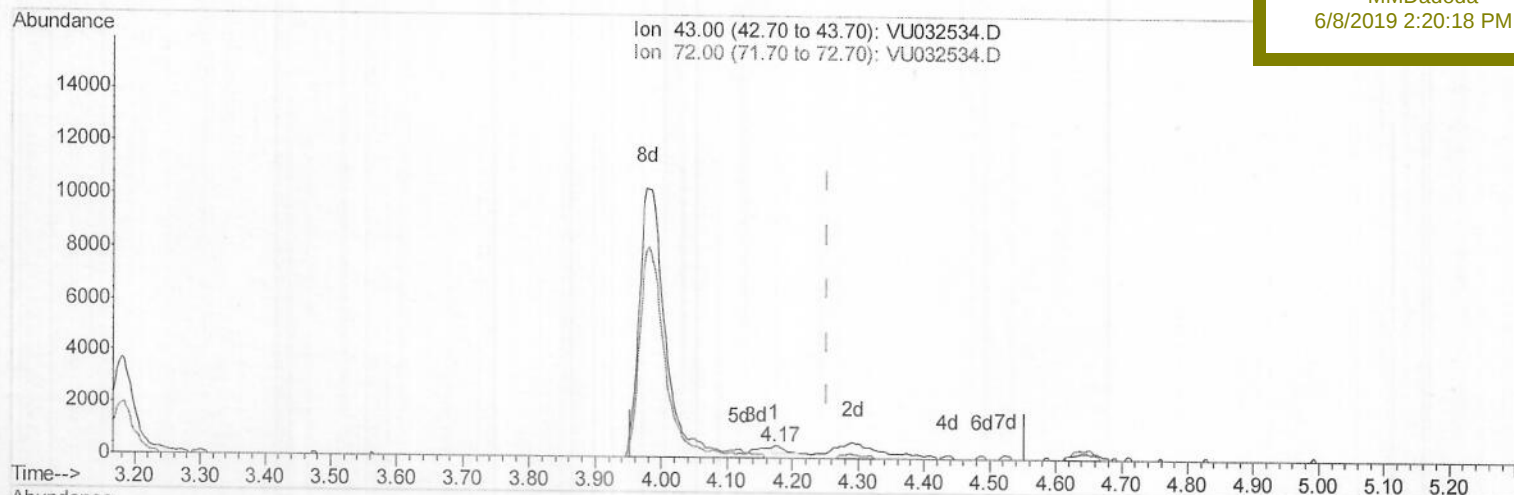
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(22) 2-Butanone (T)

4.173min (-0.080) 0.21ug/L

response 298

Ion	Exp%	Act%
43.00	100	100
72.00	26.20	36.24
0.00	0.00	0.00
0.00	0.00	0.00

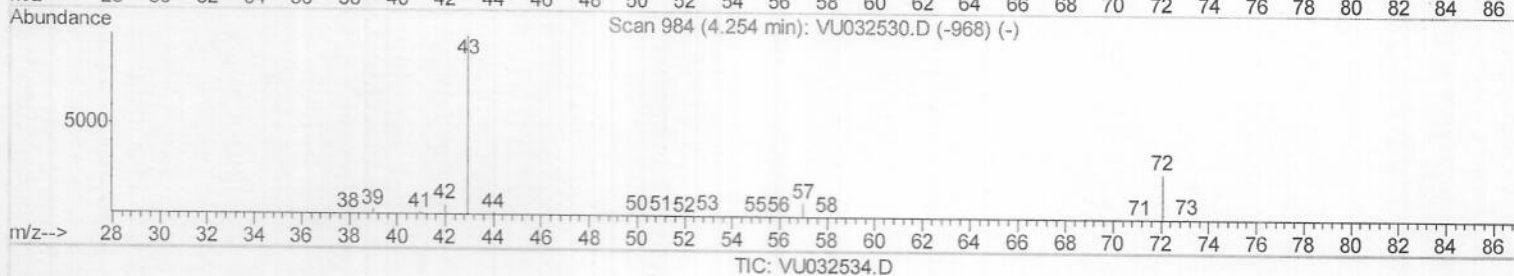
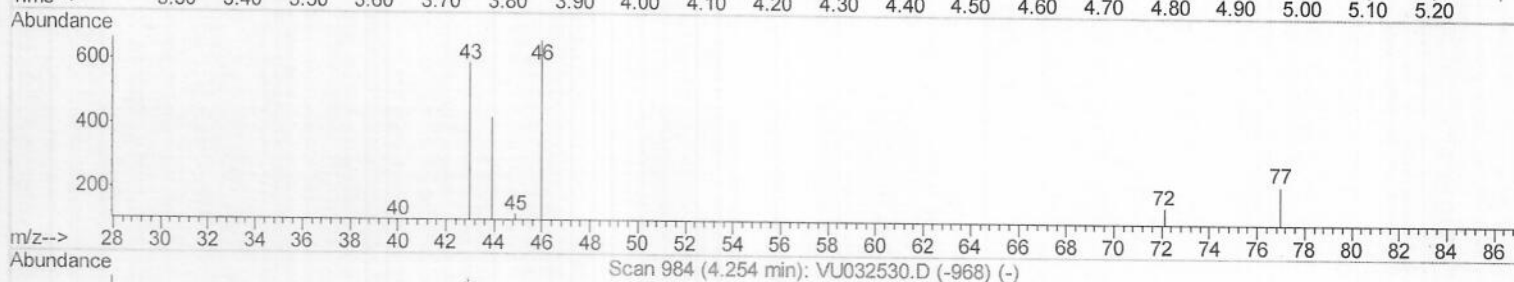
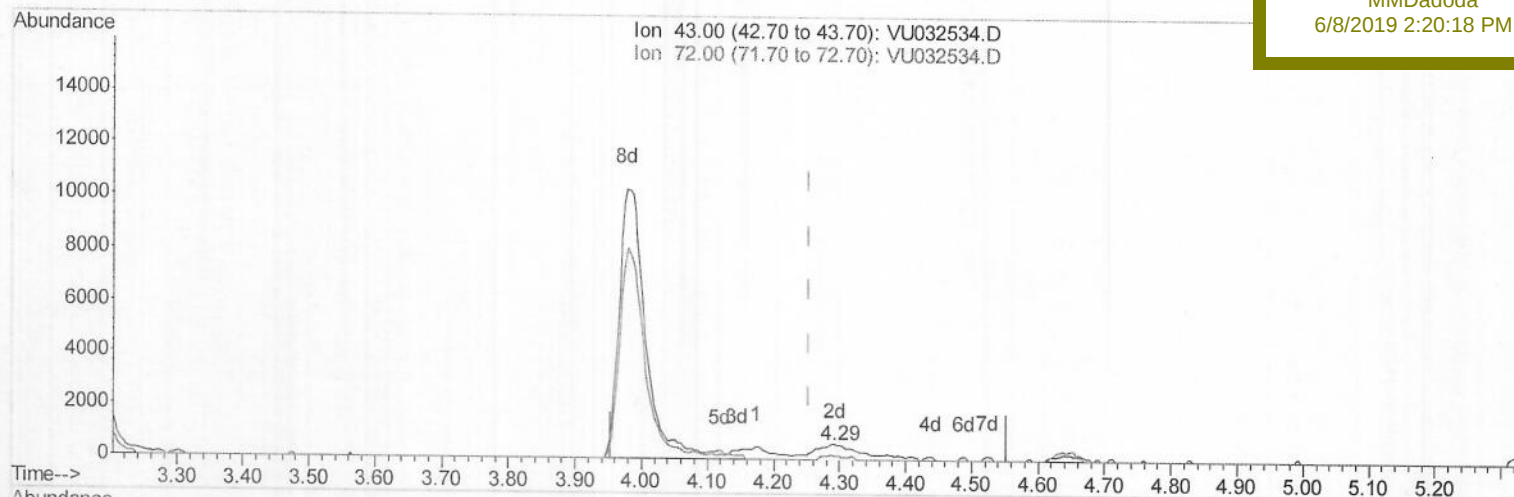
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(22) 2-Butanone (T)

4.292min (+0.039) 1.48ug/L m

response 2078

Ion Exp% Act%

43.00 100 100

72.00 26.20 5.20#

0.00 0.00 0.00

0.00 0.00 0.00

M.D
6/11/19

Data File : VU032534.D

Acq On : 07 Jun 2019 11:32

Operator : JC/SP

Sample : K3215-13DL 20X

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 22:45:35 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M

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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	212402	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76735	55.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.36%
7) Chloroethane-d5	1.68	69	59112	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.76%
11) 1,1-Dichloroethene-d2	2.27	63	109173	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.92%
21) 2-Butanone-d5	4.17	46	118628	102.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.87%
24) Chloroform-d	4.64	84	129994	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	5.30	65	85352	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.33	84	275625	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.18%
36) 1,2-Dichloropropane-d6	6.32	67	85199	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.66%
41) Toluene-d8	7.56	98	256392	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%
43) trans-1,3-Dichloropropene-	7.85	79	39099	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
47) 2-Hexanone-d5	8.31	63	86015	109.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124843	53.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	104339	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

					Qvalue
13) Acetone	2.31	43	83173	69.898	ug/L 99
22) 2-Butanone	4.29	43	2078m	1.478	ug/L
33) Benzene	5.39	78	9001	1.617	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	16858	7.102	ug/L 98
42) Toluene	7.63	91	28194	4.625	ug/L 99
52) Ethylbenzene	9.25	91	10242	1.507	ug/L 98
53) m,p-Xylene	9.37	106	10771	4.169	ug/L 95
54) o-xylene	9.77	106	6649	2.592	ug/L 96

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