

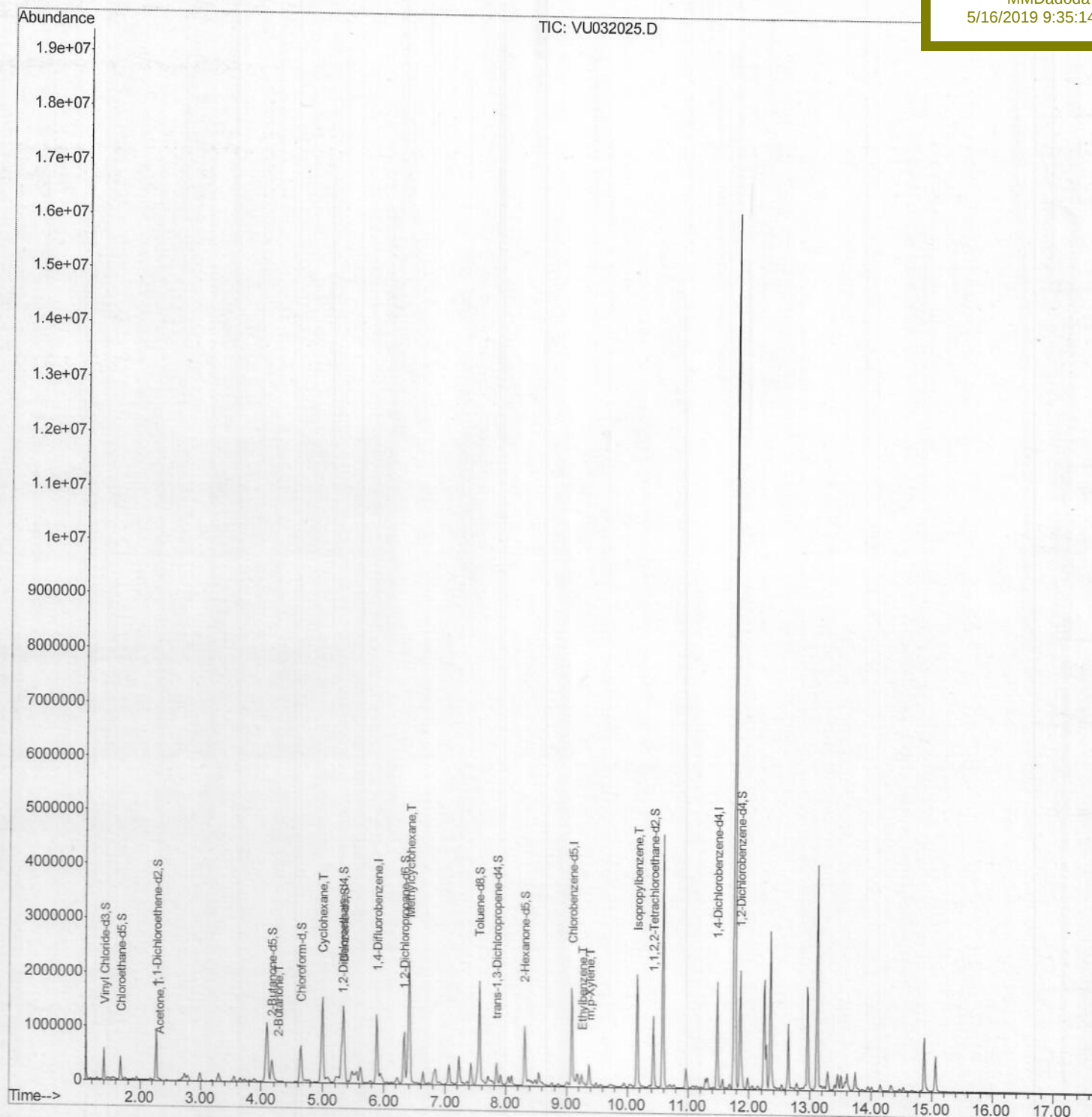
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 16 09:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB8898DL

Manual Integrations
APPROVED

MMDadoda
5/16/2019 9:35:14 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Quantitation Report (Qedit)

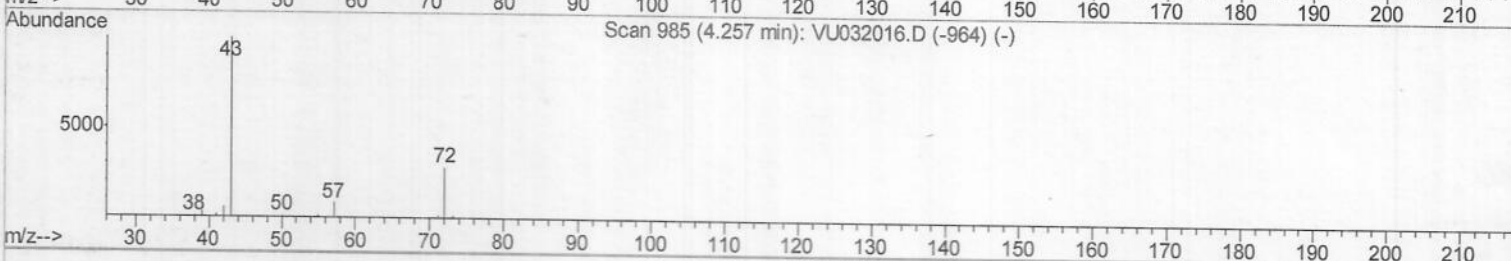
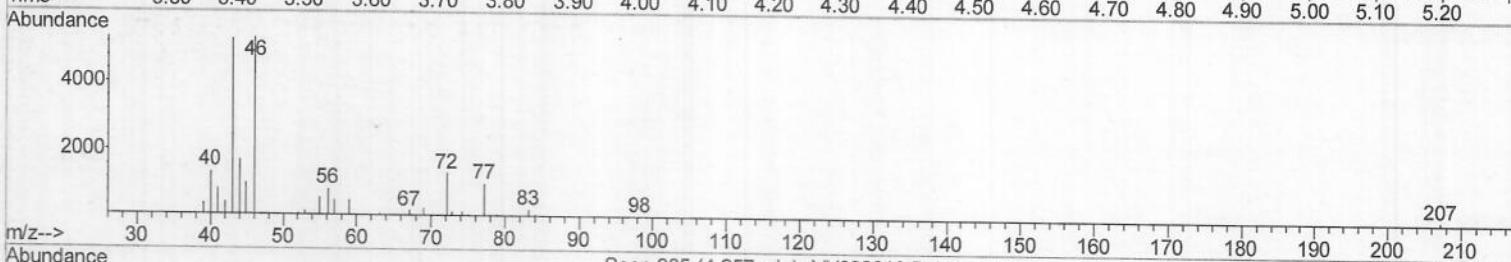
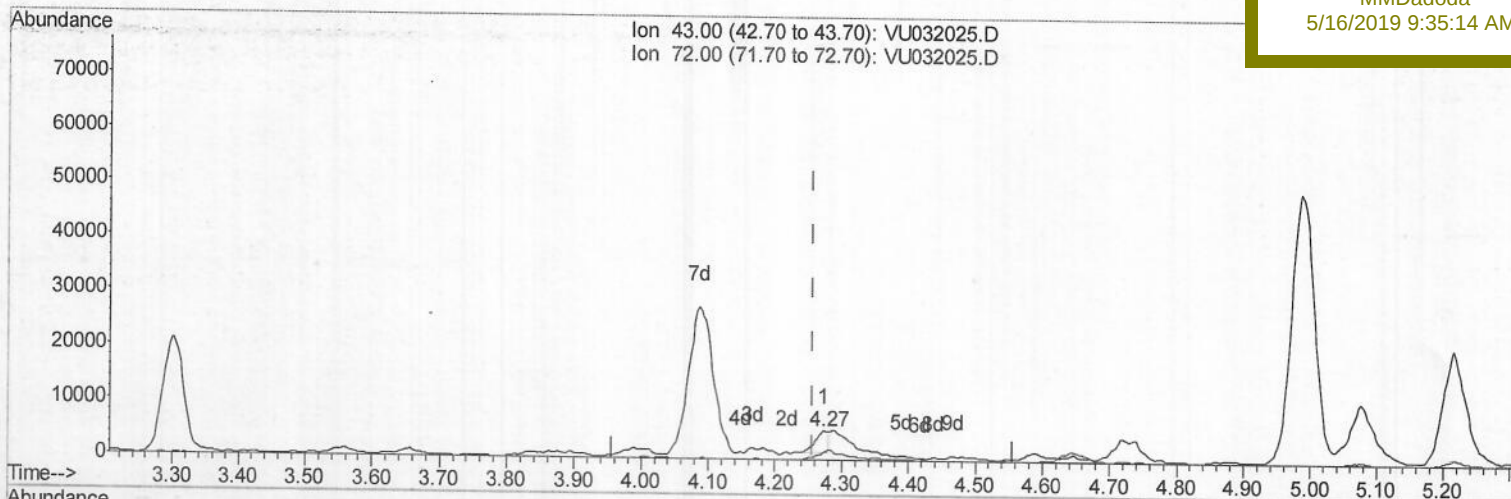
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Quant Time: May 16 04:28:35 2019
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5/16/2019 9:35:14 AM



TIC: VU032025.D

(22) 2-Butanone (T)

4.273min (+0.016) 0.60ug/L

response 4902

Ion	Exp%	Act%
43.00	100	100
72.00	27.80	62.65#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

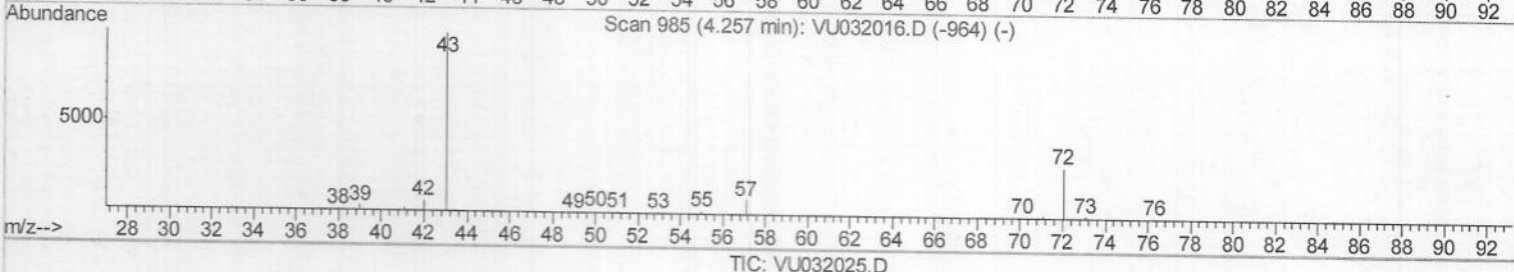
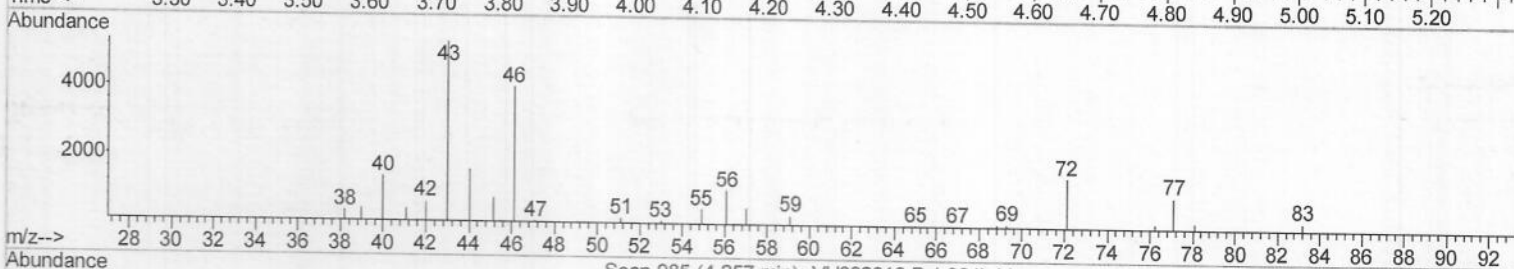
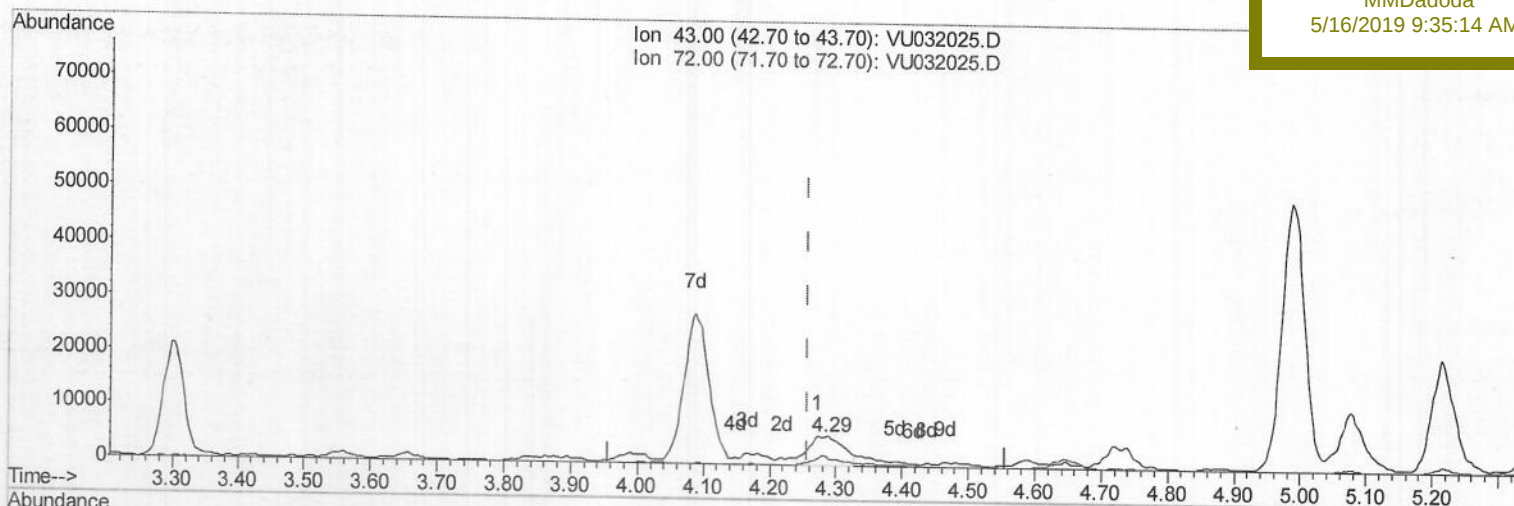
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Quant Title : VOC Analysis
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Instrument :
MSVOA_U
Client Sample ID :
DB898DL

Manual Integrations
APPROVED

MMDadoda
5/16/2019 9:35:14 AM



TIC: VU032025.D

(22) 2-Butanone (T)

4.286min (+0.029) 2.40ug/L m

response 19453

Ion Exp% Act%

43.00 100 100

72.00 27.80 15.79

0.00 0.00 0.00

0.00 0.00 0.00

MD
5/17/19

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 Data File : VU032025.D
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 Operator : JC/SP
 Sample : K2738-13DL 5X
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 ALS Vial : 11 Sample Multiplier: 1

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 QLast Update : Thu May 16 04:24:16 2019
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Instrument :
 MSVOA_U
 ClientSampleID :
 DB898DL

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 9:35:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1114139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1074014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	490654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372168	38.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.14%		
7) Chloroethane-d5	1.67	69	321266	40.58	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.16%		
11) 1,1-Dichloroethene-d2	2.27	63	522223	29.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.60%#		
21) 2-Butanone-d5	4.17	46	627530	91.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.66%		
24) Chloroform-d	4.64	84	686221	41.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.86%		
26) 1,2-Dichloroethane-d4	5.31	65	436991	42.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.80%		
32) Benzene-d6	5.34	84	1470279	47.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.58%		
36) 1,2-Dichloropropane-d6	6.32	67	484362	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.42%		
41) Toluene-d8	7.56	98	1329548	47.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.46%		
43) trans-1,3-Dichloropropene-	7.85	79	203743	45.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.04%		
47) 2-Hexanone-d5	8.31	63	391170	94.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.03%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	677898	44.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.30%		
64) 1,2-Dichlorobenzene-d4	11.85	152	495944	48.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.08%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	28913	4.108 ug/L	94
22) 2-Butanone	4.29	43	19453m	2.396 ug/L	94
29) Cyclohexane	4.99	56	875521	66.504 ug/L	100
35) Methylcyclohexane	6.41	83	940311	70.385 ug/L	94
52) Ethylbenzene	9.25	91	155646	4.029 ug/L	98
53) m,p-Xylene	9.37	106	103185	7.319 ug/L	89
56) Isopropylbenzene	10.16	105	1368340	38.364 ug/L	99

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