

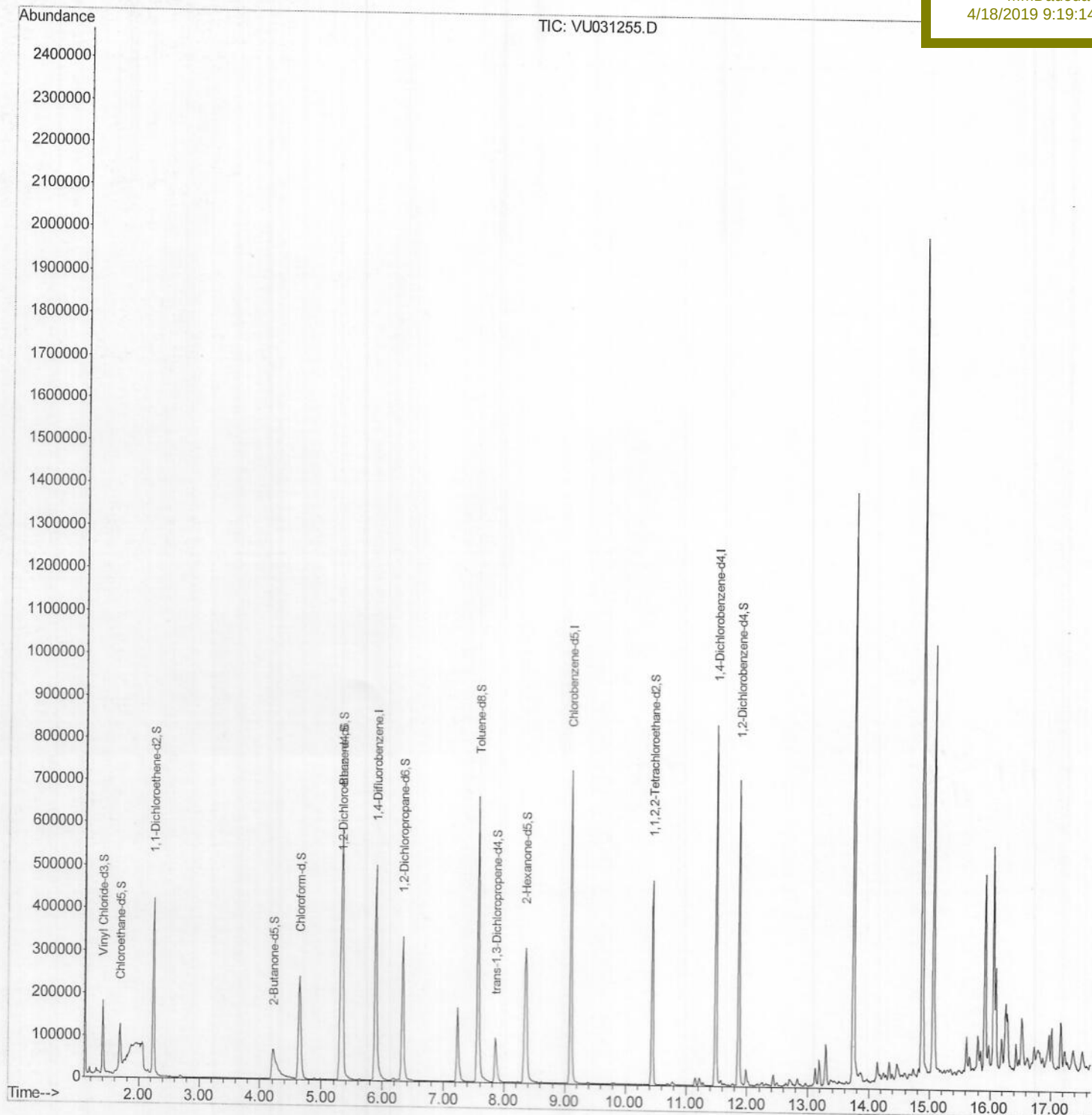
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031255.D
Acq On : 17 Apr 2019 13:19
Operator : JC/SP
Sample : K2402-07
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 18 05:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAHH9

Manual Integrations
APPROVED

MMDadoda
4/18/2019 9:19:14 AM



Quantitation Report (Qedit)

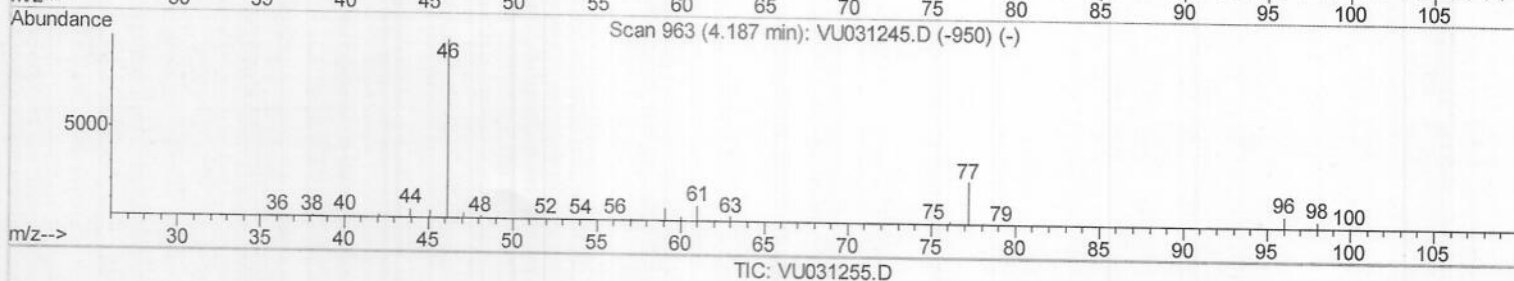
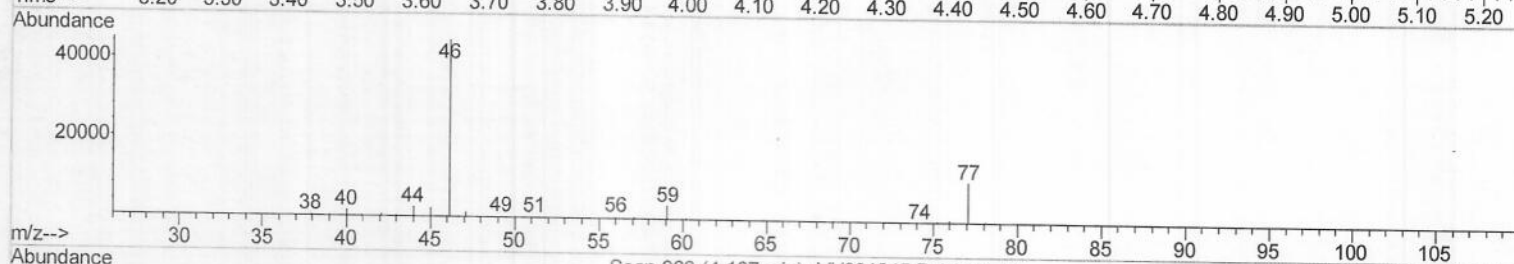
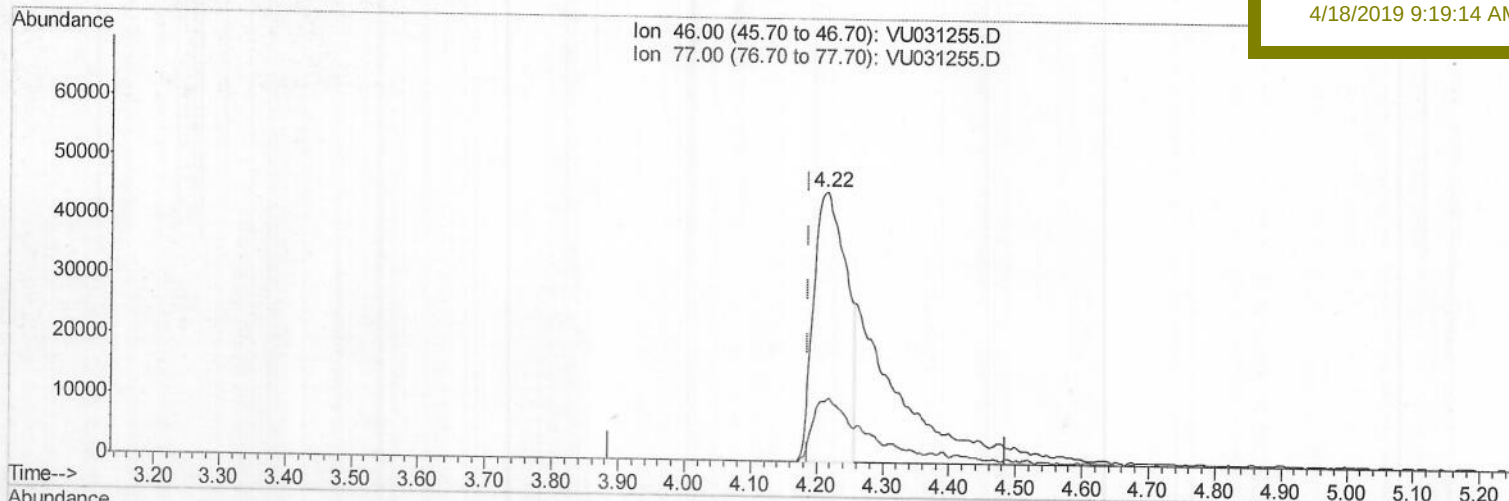
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(21) 2-Butanone-d5 (S)

4.215min (+0.029) 42.34ug/L

response 155150

Ion	Exp%	Act%
46.00	100	100
77.00	22.40	7.70#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

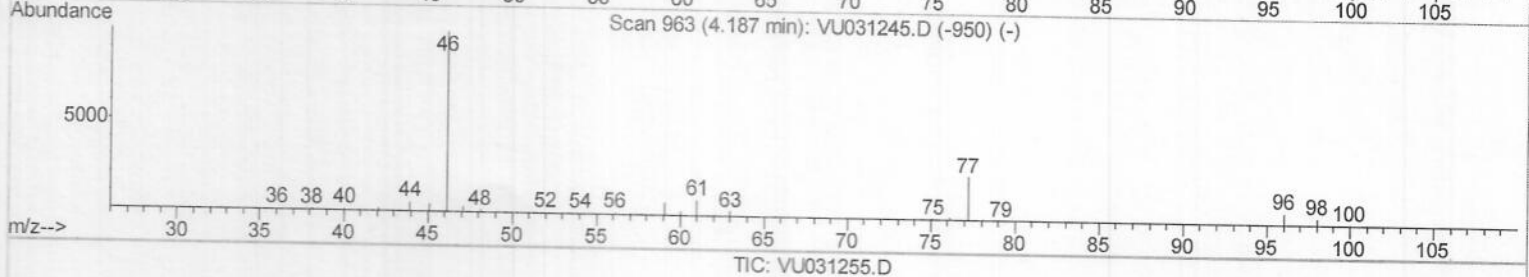
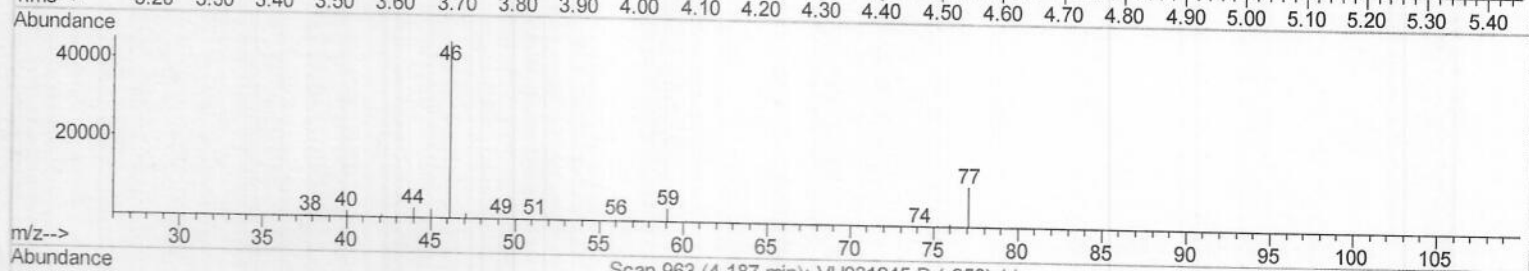
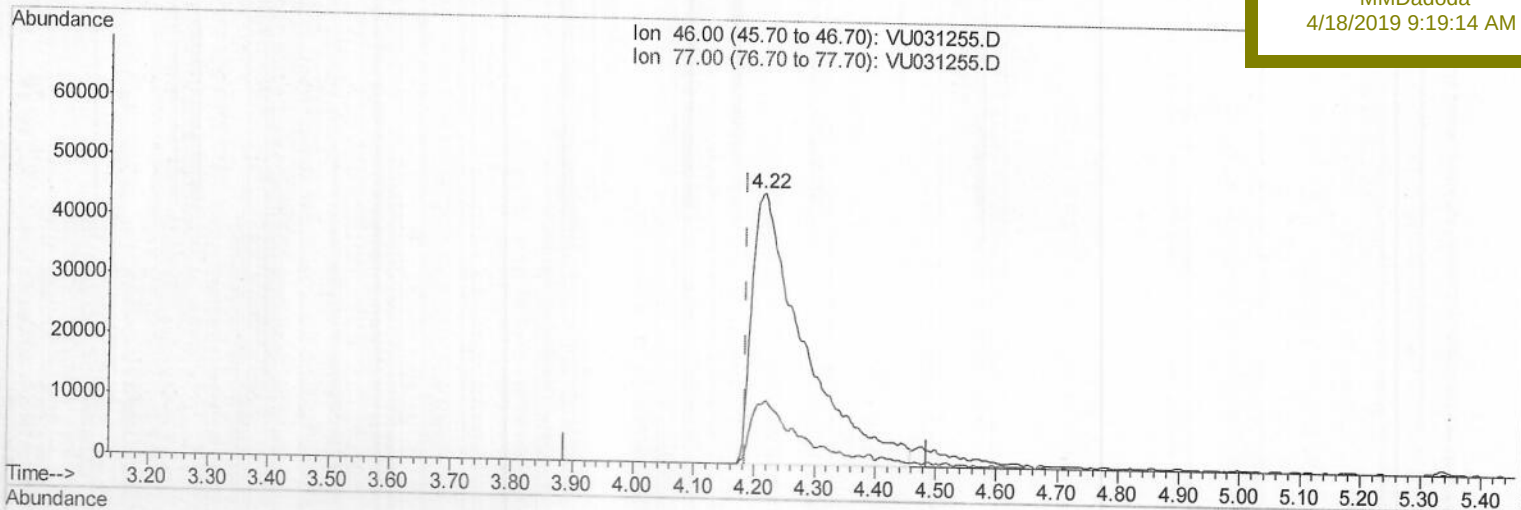
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Instrument :
 MSVOA_U
ClientSampleId :
 GAHH9

Manual Integrations
APPROVED

MMDadoda
 4/18/2019 9:19:14 AM



TIC: VU031255.D

(21) 2-Butanone-d5 (S)

4.215min (+0.029) 73.56ug/L m

response 269580

Ion Exp% Act%

46.00 100 100

77.00 22.40 4.43#

0.00 0.00 0.00

0.00 0.00 0.00

m. D
4/18/19

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 Data File : VU031255.D
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 Operator : JC/SP
 Sample : K2402-07
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Instrument :
 MSVOA_U
 Client Sampled :
 GAHH9

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 9:19:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	546373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	223207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169850	33.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.52%		
7) Chloroethane-d5	1.68	69	108730	24.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	49.78%#		
11) 1,1-Dichloroethene-d2	2.24	63	264270	26.51	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.02%#		
21) 2-Butanone-d5	4.22	46	269580m	73.56	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.56%		
24) Chloroform-d	4.64	84	287465	34.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.48%#		
26) 1,2-Dichloroethane-d4	5.31	65	195058	37.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.46%		
32) Benzene-d6	5.33	84	591361	36.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.64%		
36) 1,2-Dichloropropane-d6	6.33	67	197869	37.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.88%		
41) Toluene-d8	7.56	98	530911	37.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.10%#		
43) trans-1,3-Dichloropropene-	7.86	79	88130	34.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.78%		
47) 2-Hexanone-d5	8.35	63	185810	74.48	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.48%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	253525	34.55	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	69.10%		
64) 1,2-Dichlorobenzene-d4	11.86	152	193744	37.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.70%#		

Target Compounds

Qvalue

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