

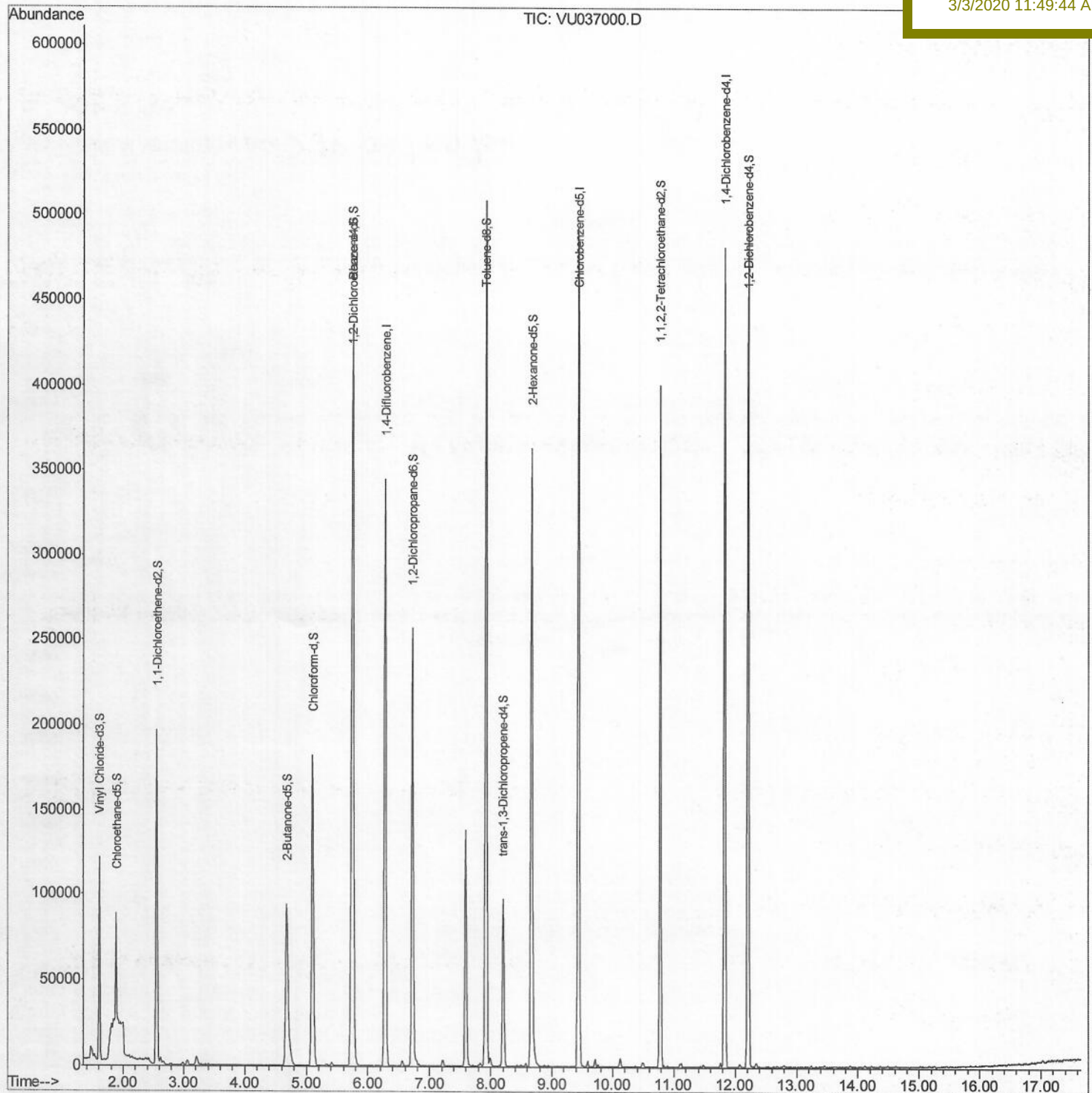
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
Data File : VU037000.D
Acq On : 02 Mar 2020 15:41
Operator : JC/MD
Sample : L1677-10ME
Misc : 5.21µ/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 04:16:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 03 03:21:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0CC0ME

Manual Integrations
APPROVED

MMDadoda
3/3/2020 11:49:44 AM



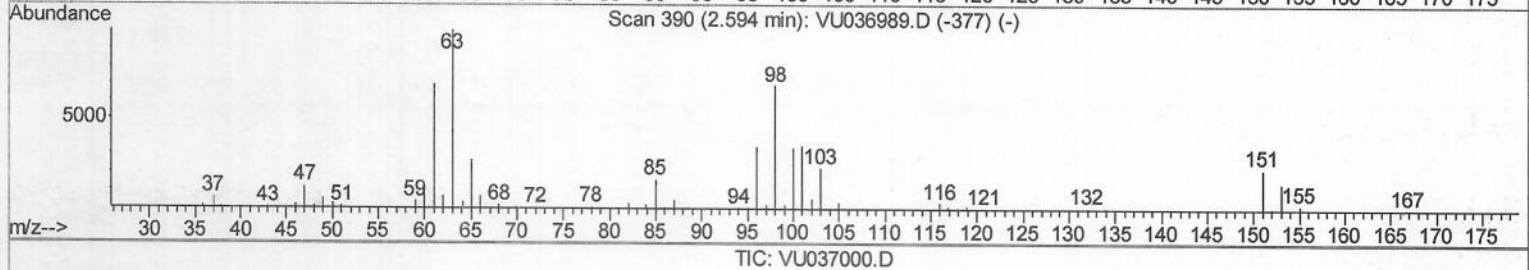
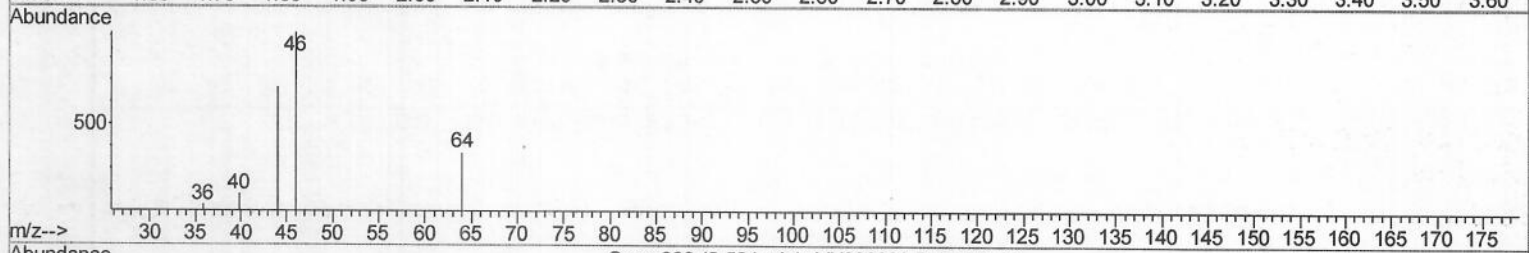
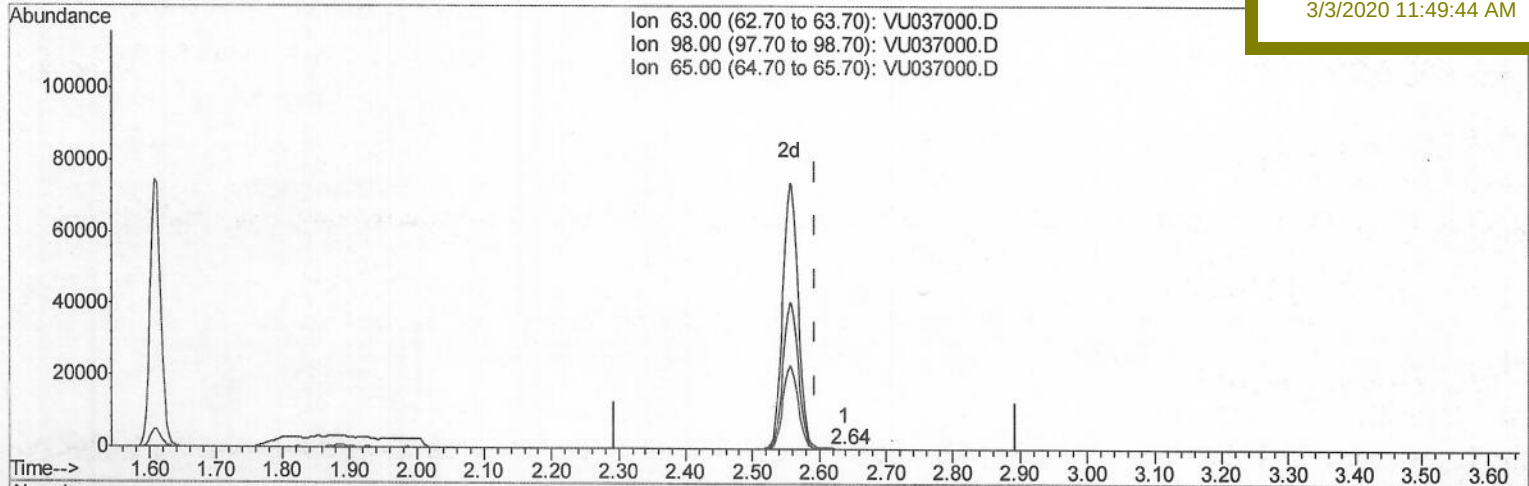
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(11) 1,1-Dichloroethene-d2 (S)

2.639min (+0.045) 0.01ug/L

response 40

Ion	Exp%	Act%
63.00	100	100
98.00	69.90	107.50#
65.00	23.60	0.00#
0.00	0.00	0.00

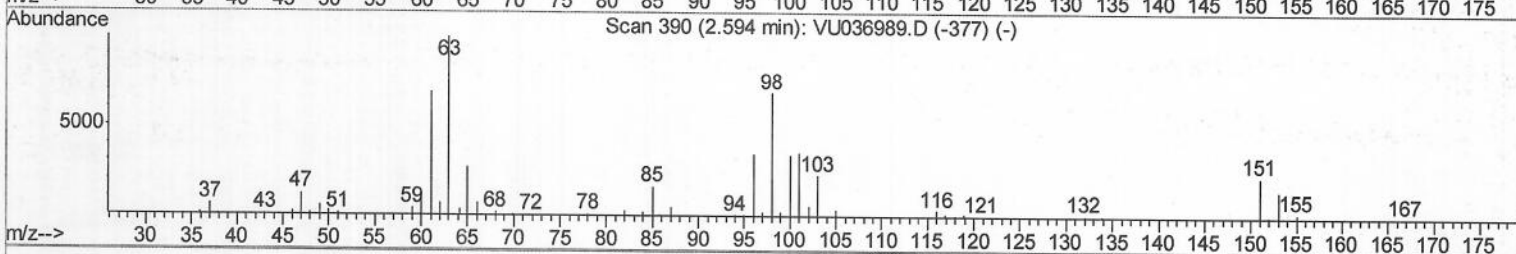
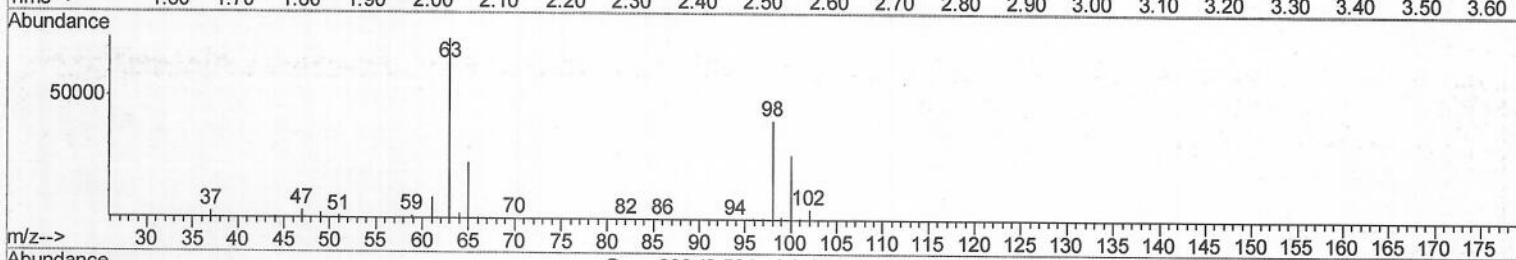
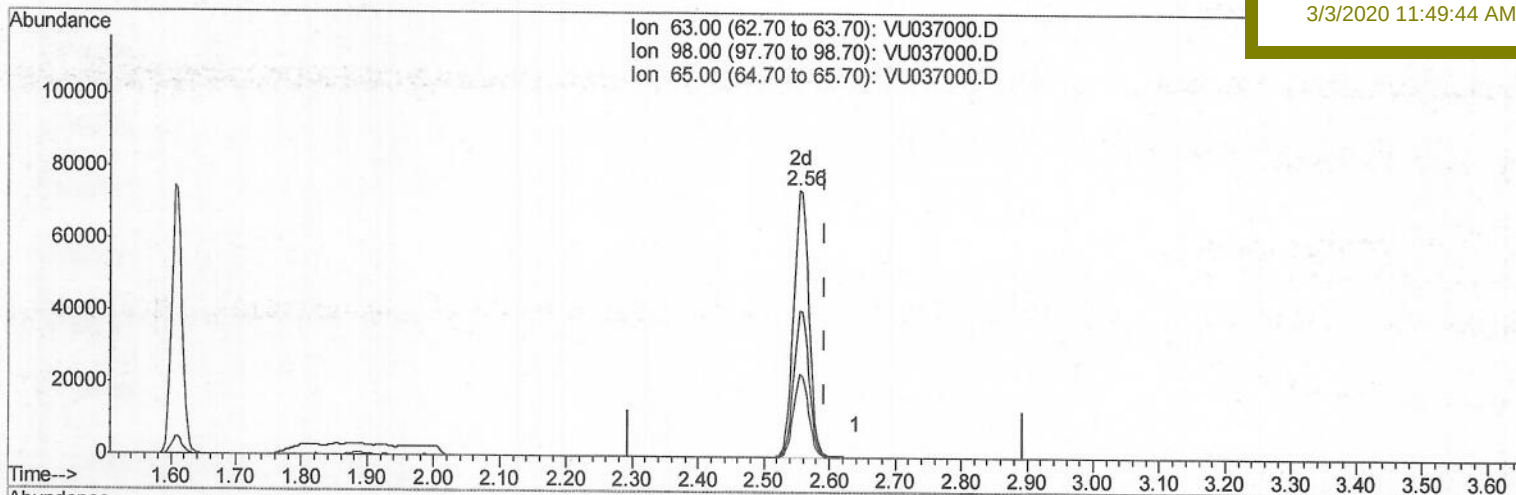
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Quant Title : VOC Analysis
QLast Update : Tue Mar 03 03:21:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampled :
C0CC0ME

Manual Integrations
APPROVED

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3/3/2020 11:49:44 AM



TIC: VU037000.D

(11) 1,1-Dichloroethene-d2 (S)

2.556min (-0.039) 30.91ug/L m

response 118980

Ion	Exp%	Act%
63.00	100	100
98.00	69.90	0.04#
65.00	23.60	0.00#
0.00	0.00	0.00

> M.D
09/03/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
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 ALS Vial : 14 Sample Multiplier: 1

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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Instrument :
 MSVOA_U
 Client Sampled :
 COCCOME

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 11:49:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.28	114	273705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	114554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82823	36.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.06%		
7) Chloroethane-d5	1.88	69	30525	16.05	ug/L	-0.05
Spiked Amount 50.000	Range 70 - 130		Recovery =	32.10%#		
11) 1,1-Dichloroethene-d2	2.56	63	118980m	30.91	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.82%		
21) 2-Butanone-d5	4.68	46	164764	106.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.87%		
24) Chloroform-d	5.10	84	163344	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.08%		
26) 1,2-Dichloroethane-d4	5.74	65	121065	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.94%		
32) Benzene-d6	5.75	84	369206	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.20%		
36) 1,2-Dichloropropane-d6	6.72	67	122818	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.76%		
41) Toluene-d8	7.92	98	333014	46.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.52%		
43) trans-1,3-Dichloropropene-	8.20	79	54414	47.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.16%		
47) 2-Hexanone-d5	8.67	63	138767	114.11	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.11%		
57) 1,1,2,2-Tetrachloroethane-	10.78	84	198698	56.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.34%		
64) 1,2-Dichlorobenzene-d4	12.21	152	118585	52.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.92%		

Target Compounds Ovalue

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

MD
 03/03/20