

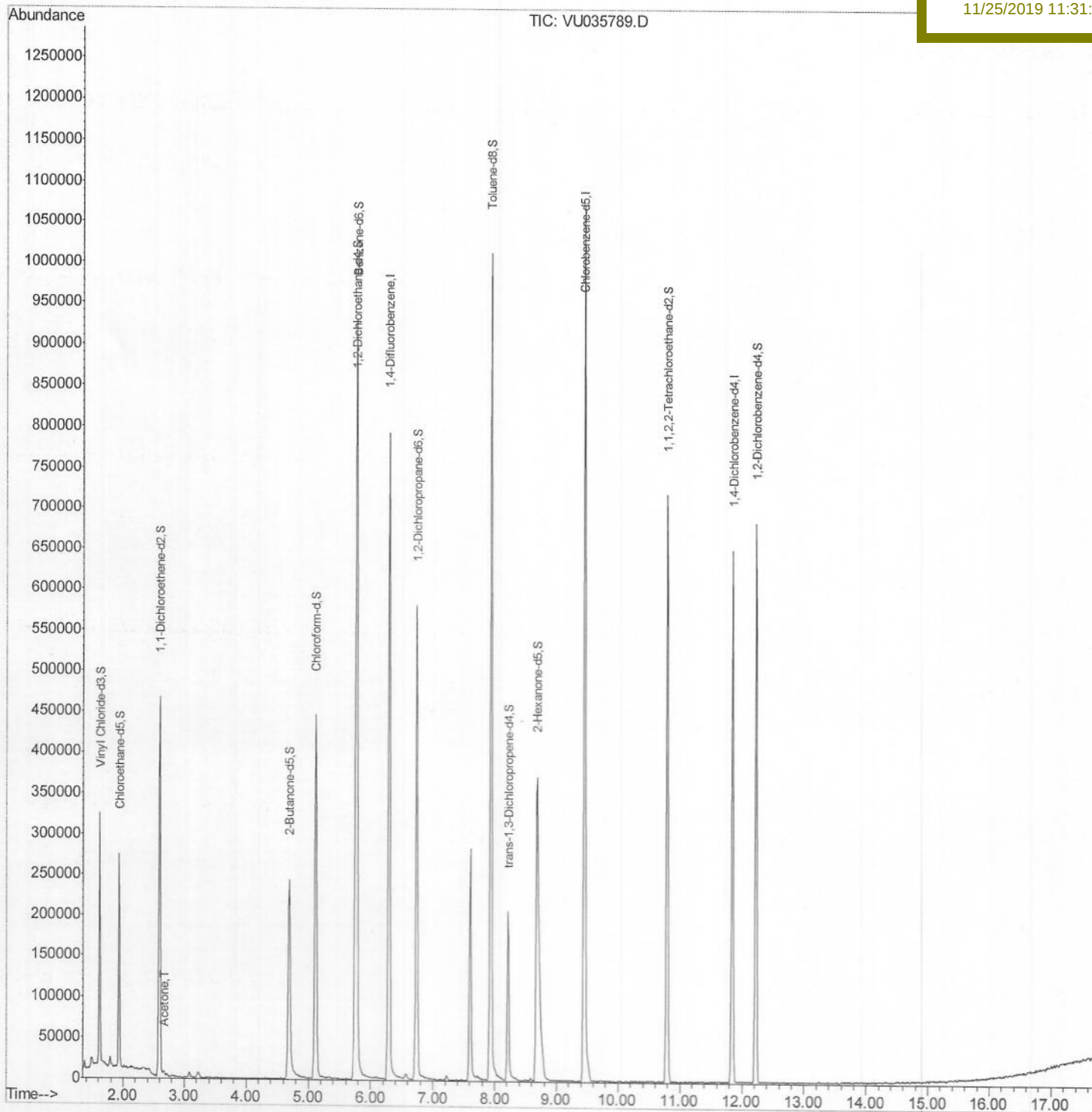
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112019\
Data File : VU035789.D
Acq On : 20 Nov 2019 15:06
Operator : JC/SP
Sample : K5845-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 21 04:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Manual Integrations
APPROVED

MMDadoda
11/25/2019 11:31:26 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112019\

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Quant Time: Nov 21 04:12:16 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Nov 21 04:09:14 2019

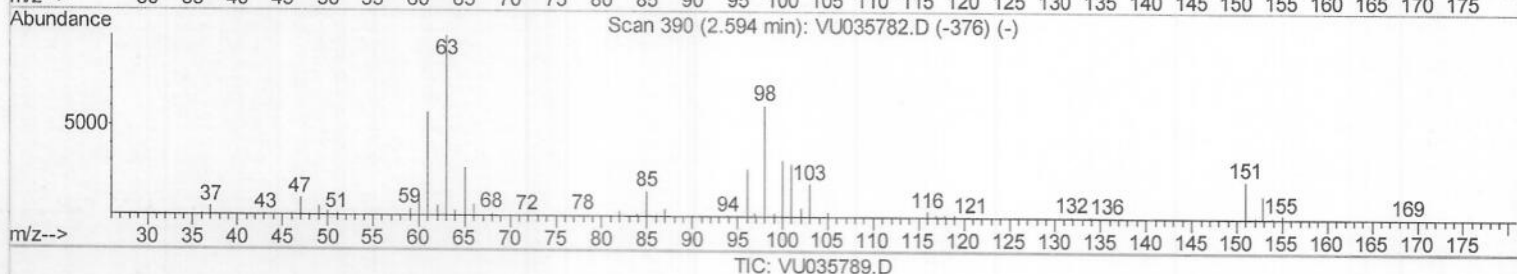
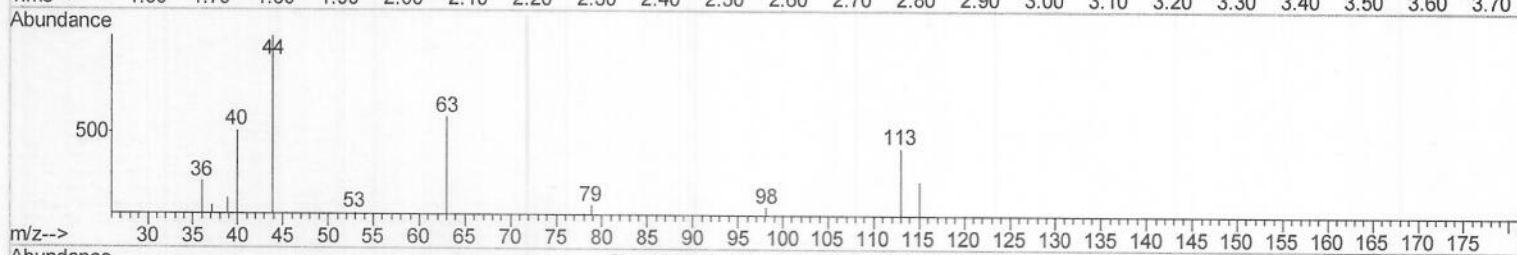
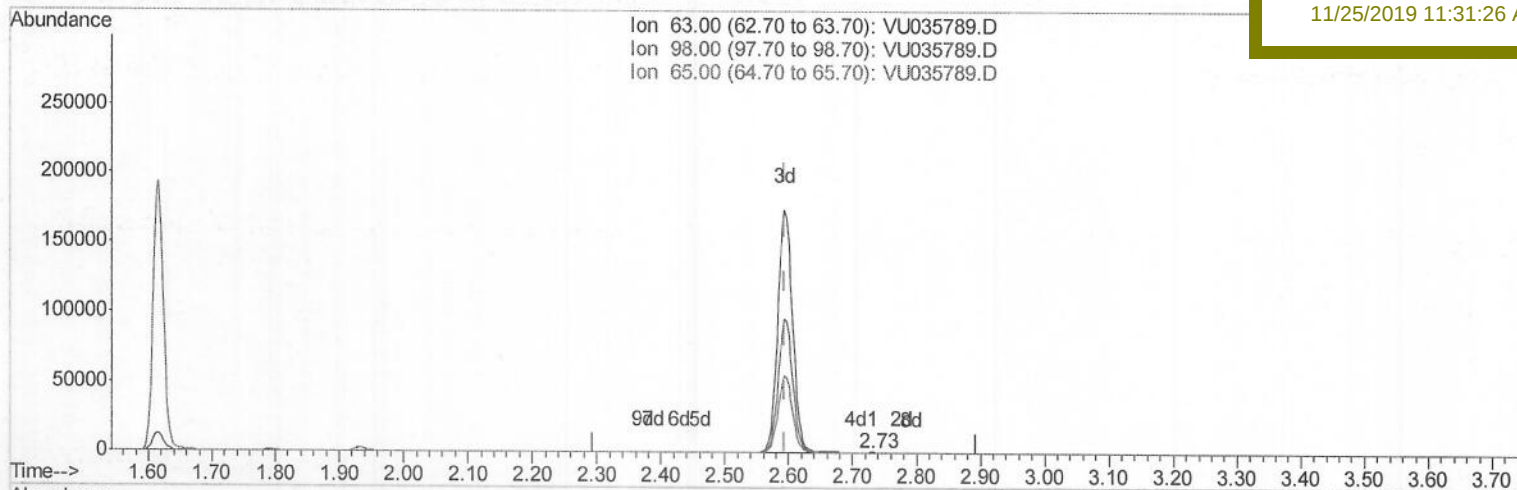
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11/25/2019 11:31:26 AM

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

2.732min (+0.138) 0.02ug/L

response 181

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	69.61
65.00	23.70	22.65
0.00	0.00	0.00

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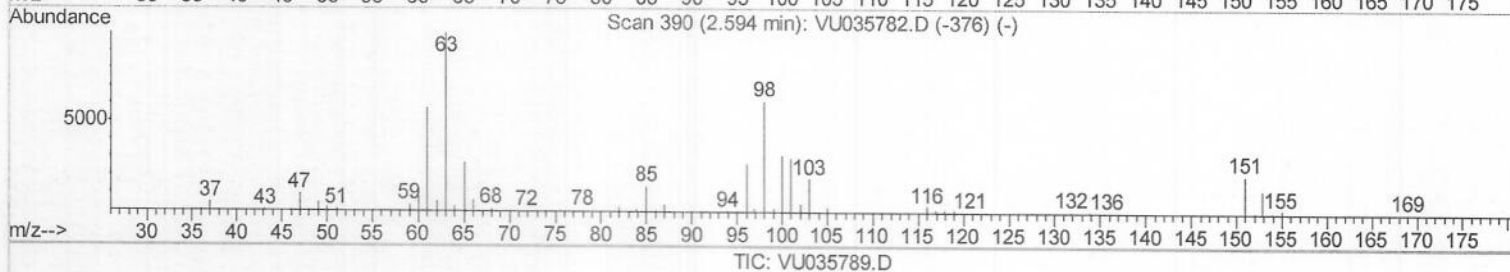
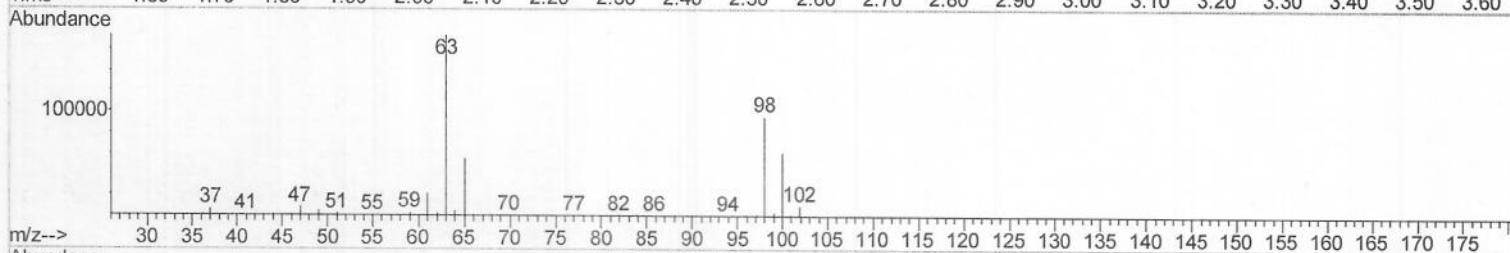
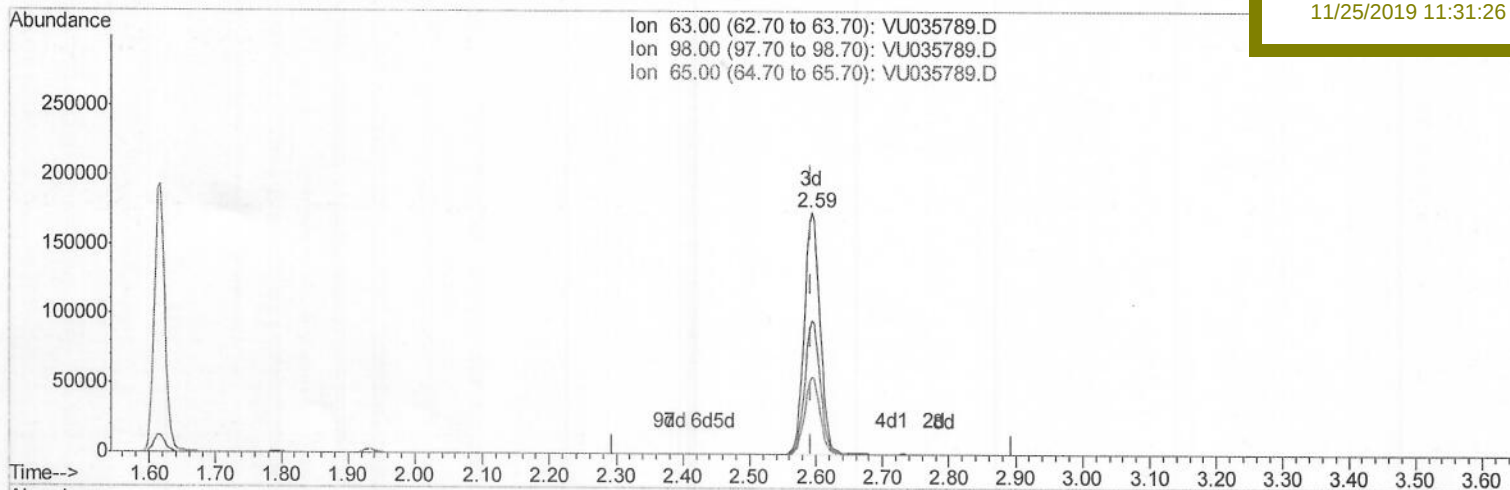
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Manual Integrations
APPROVEDMMDadoda
11/25/2019 11:31:26 AM

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

2.594min (-0.000) 36.92ug/L m

response 284758

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	0.04#
65.00	23.70	0.01#
0.00	0.00	0.00

> MD
11/27/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	614014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	626166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	181236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	213273	43.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.02%		
7) Chloroethane-d5	1.93	69	185070	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.46%		
11) 1,1-Dichloroethene-d2	2.59	63	284758m	36.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.84%		
21) 2-Butanone-d5	4.69	46	364670	125.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.89%		
24) Chloroform-d	5.11	84	409264	53.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.88%		
26) 1,2-Dichloroethane-d4	5.75	65	280111	59.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	119.40%		
32) Benzene-d6	5.77	84	786211	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.34%		
36) 1,2-Dichloropropane-d6	6.73	67	274044	51.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.54%		
41) Toluene-d8	7.93	98	683777	44.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.82%		
43) trans-1,3-Dichloropropene-	8.21	79	118216	48.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.98%		
47) 2-Hexanone-d5	8.68	63	207140	102.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.11%		
57) 1,1,2,2-Tetrachloroethane-	10.79	84	381332	50.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.32%		
64) 1,2-Dichlorobenzene-d4	12.22	152	183940	50.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.64%		

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 11/27/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	5625	2.207	ug/L	94

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