

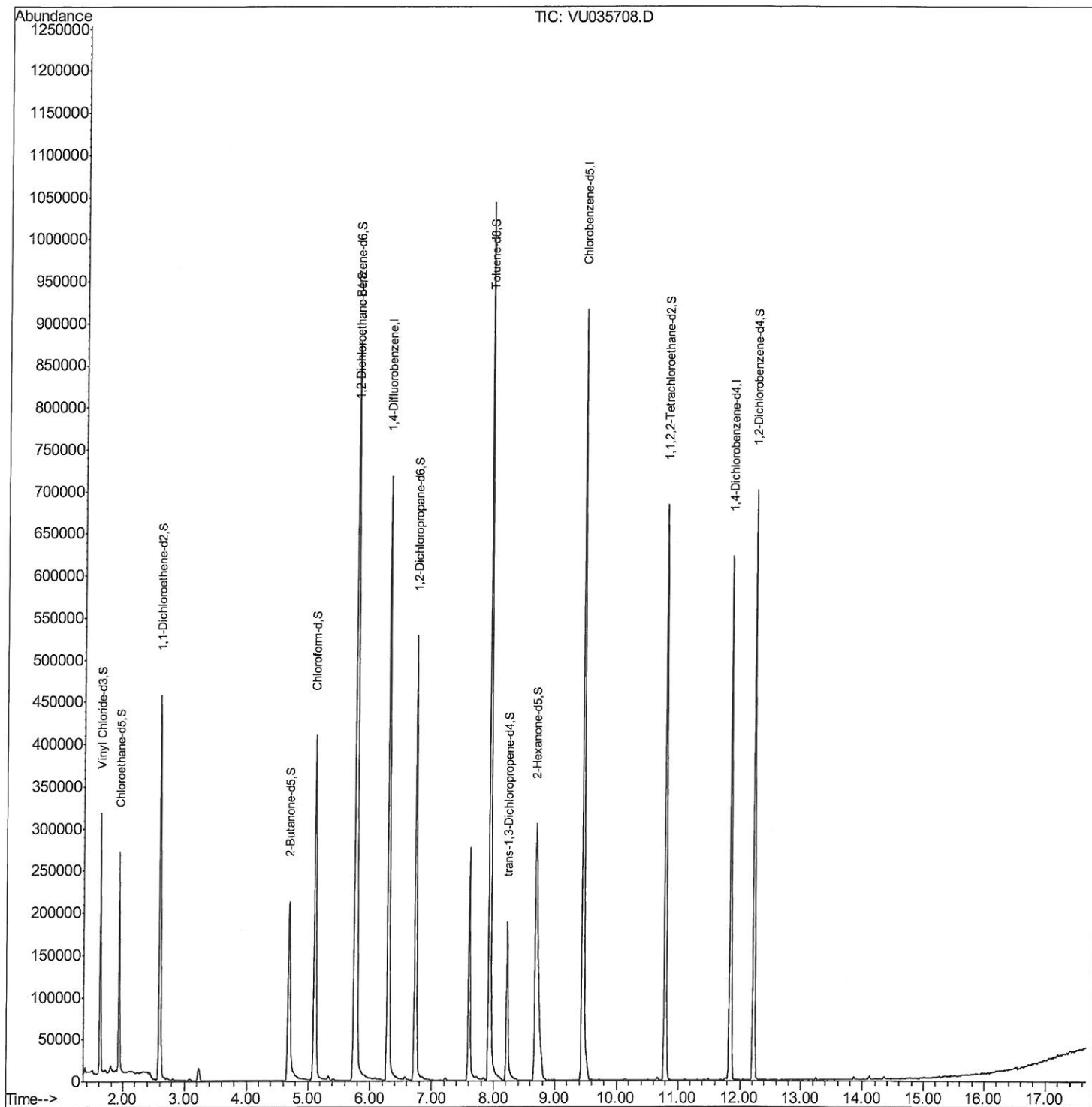
Data File : VU035708.D  
Acq On : 14 Nov 2019 10:36  
Operator : JC/SP  
Sample : VU1114WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
Client Sampled :  
VBLK27

Manual Integrations  
APPROVED

MMDadoda  
11/18/2019 3:04:46 PM

Quant Time: Nov 15 01:12:10 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 15 01:03:04 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU111419\  
Quantitation Report (Qedit)

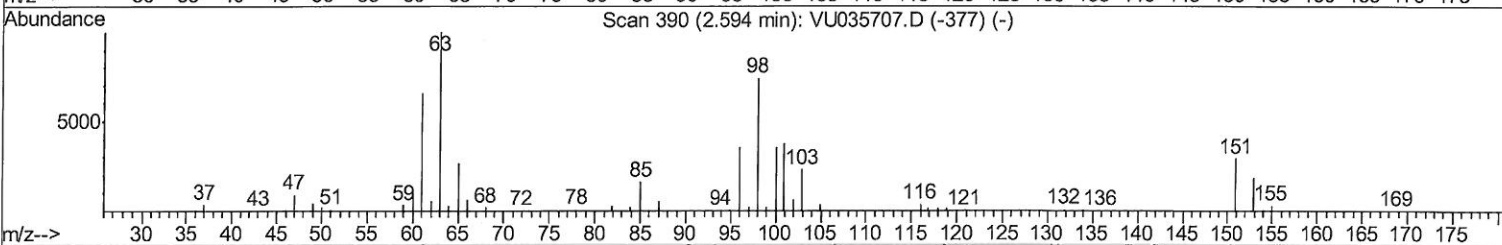
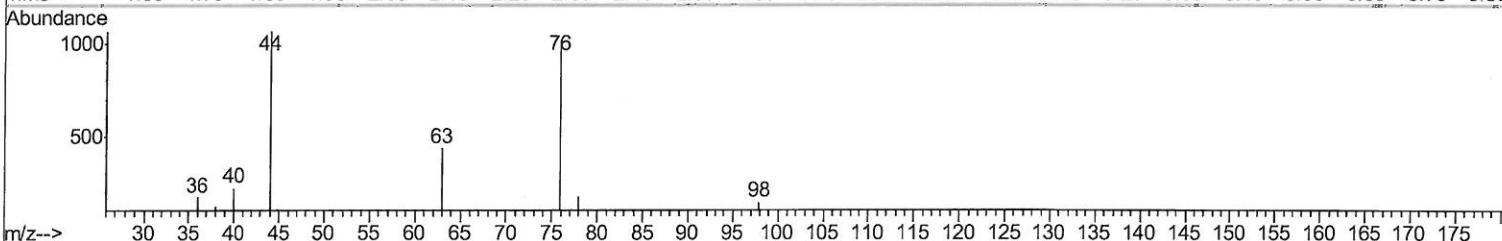
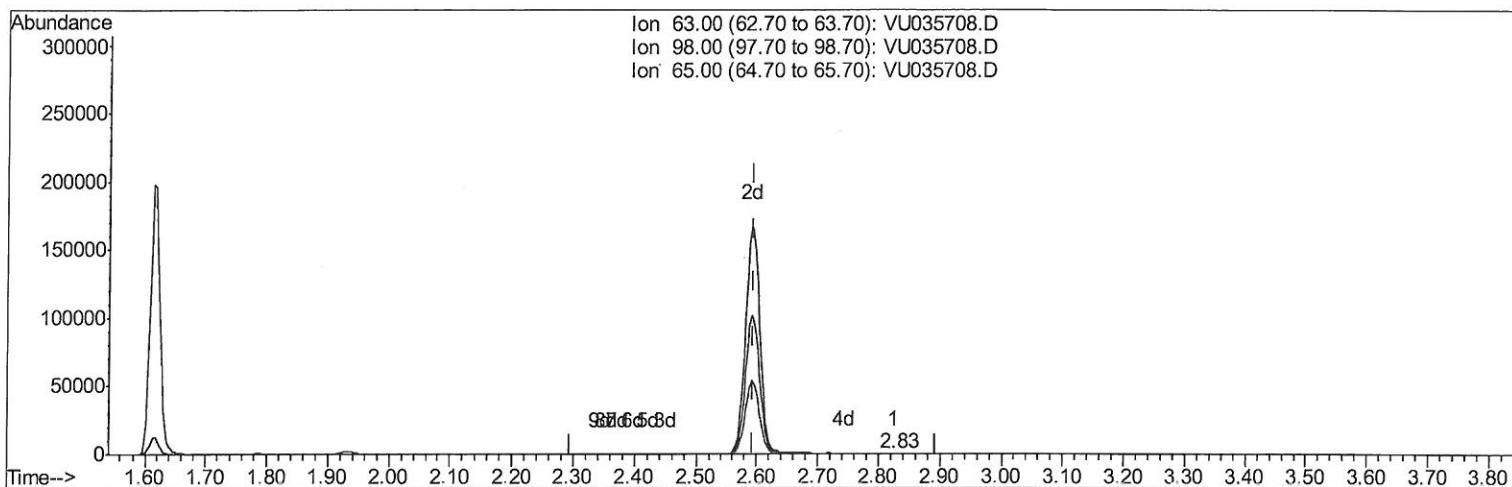
Data File : VU035708.D  
Acq On : 14 Nov 2019 10:36  
Operator : JC/SP  
Sample : VU1114WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleID :  
VBLK27

Manual Integrations  
APPROVED

MMDadoda  
11/18/2019 3:04:46 PM

Quant Time: Nov 15 01:05:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 15 01:03:04 2019  
Response via : Initial Calibration



TIC: VU035708.D

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

2.826min (+0.232) 0.04ug/L

response 335

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	82.69
65.00	23.70	30.75
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU111419\  
Quantitation Report (Qedit)

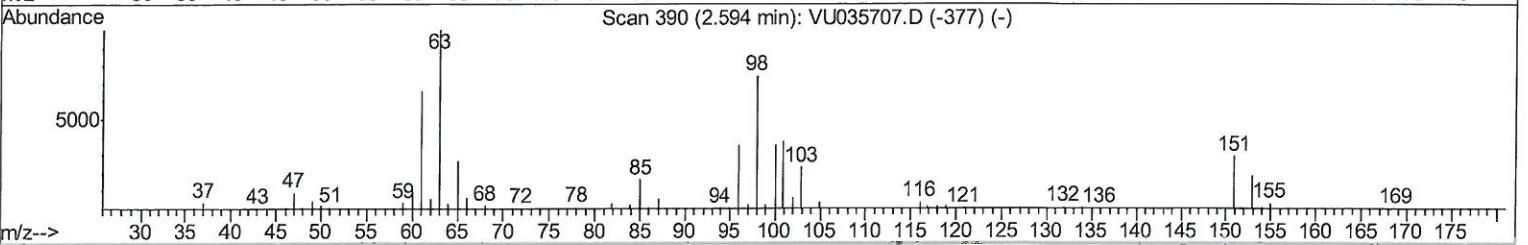
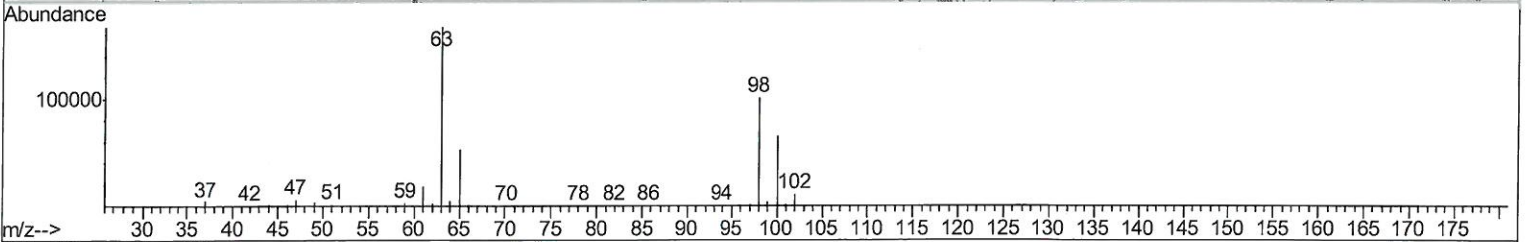
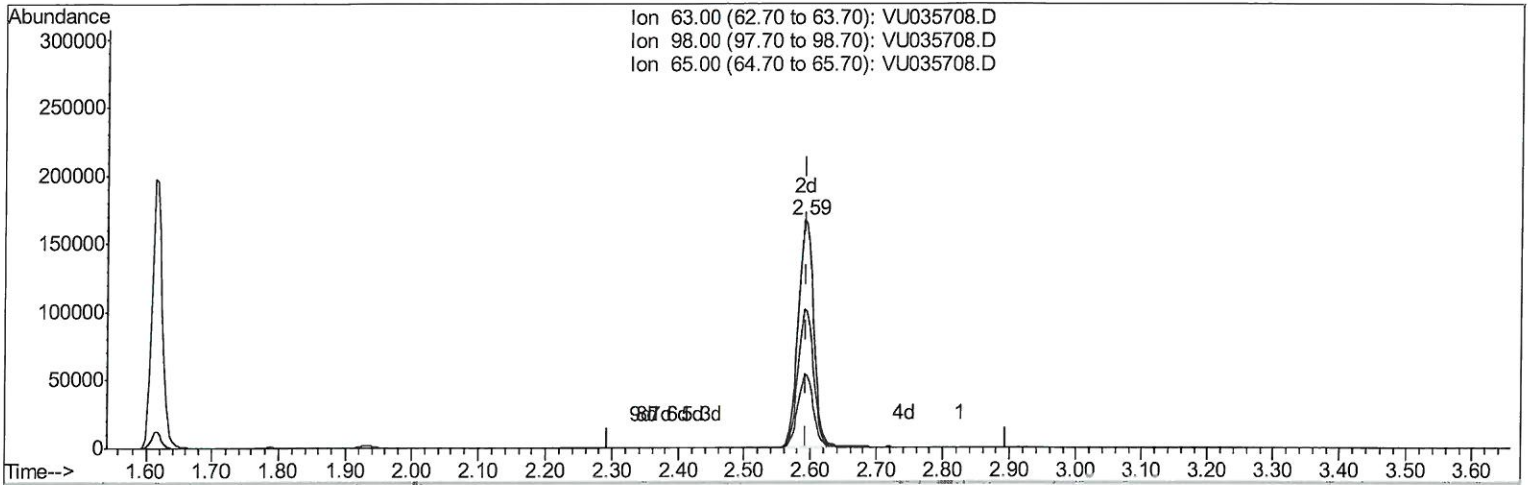
Data File : VU035708.D  
Acq On : 14 Nov 2019 10:36  
Operator : JC/SP  
Sample : VU1114WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
VBLK27

Manual Integrations  
APPROVED

MMDadoda  
11/18/2019 3:04:46 PM

Quant Time: Nov 15 01:05:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 15 01:03:04 2019  
Response via : Initial Calibration



TIC: VU035708.D

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

2.591min (-0.003) 34.82ug/L m

response 274576

*7 mg*  
*11/21/19*

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	0.10#
65.00	23.70	0.04#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU111419\  
Quantitation Report (QT Reviewed)

Data File : VU035708.D  
Acq On : 14 Nov 2019 10:36  
Operator : JC/SP  
Sample : VU1114WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
Client Sampled :  
VBLK27

Manual Integrations  
APPROVED

MMDadoda  
11/18/2019 3:04:46 PM

Quant Time: Nov 15 01:12:10 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 15 01:03:04 2019  
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	627846	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	612960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	193215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	220706	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.93	69	196901	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.24%
11) 1,1-Dichloroethene-d2	2.59	63	274576m	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	4.69	46	321618	108.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	5.11	84	390502	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.75	65	247802	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
32) Benzene-d6	5.77	84	824577	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.73	67	272477	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.18%
41) Toluene-d8	7.93	98	749220	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%
43) trans-1,3-Dichloropropene-	8.21	79	119229	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.68	63	216958	109.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.25%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	374204	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	12.22	152	209670	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%

*Handwritten:* mQ  
11/21/19

Target Compounds Qvalue

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