

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Quantitation Report (QT Reviewed)

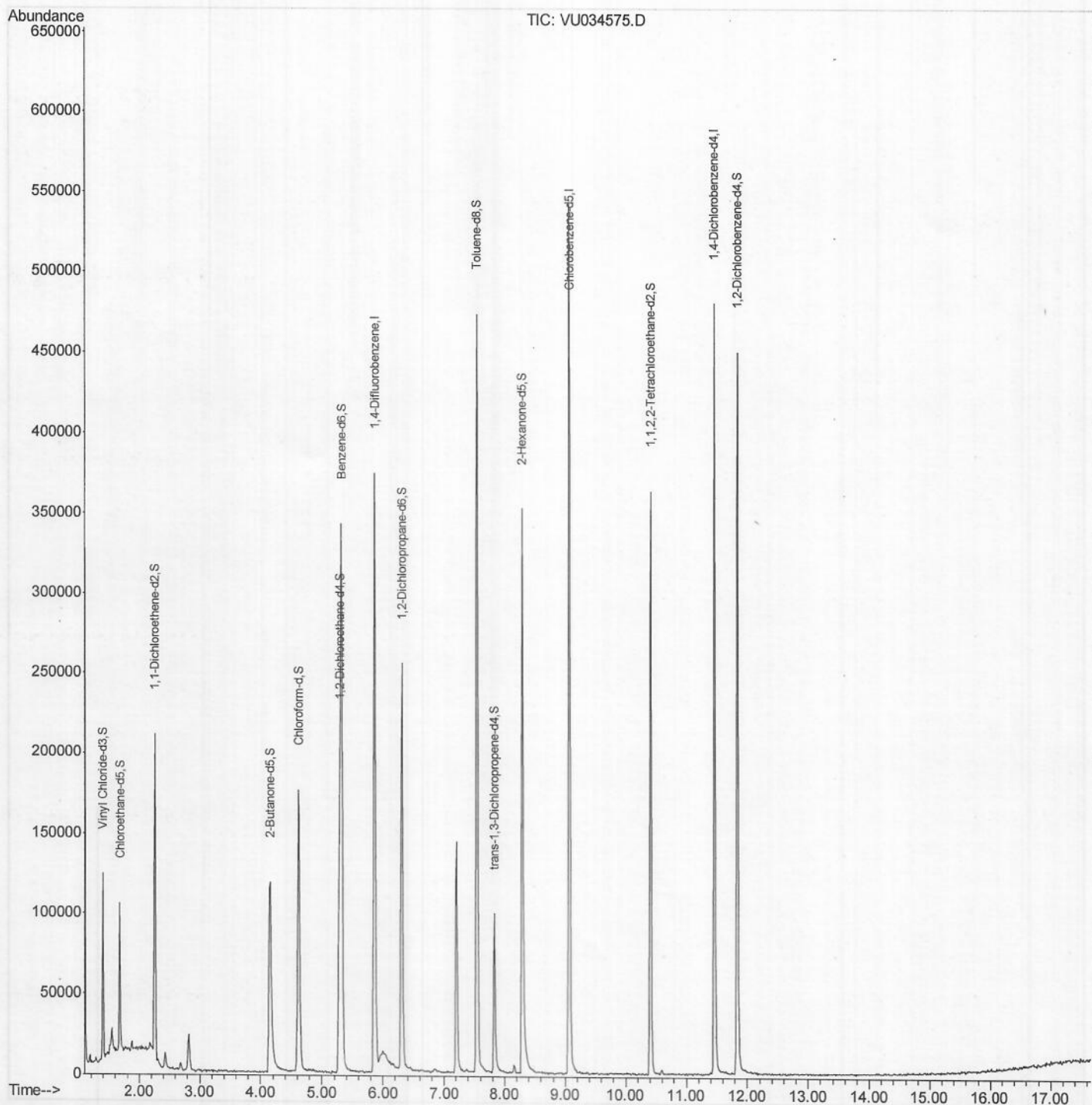
Data File : VU034575.D
Acq On : 16 Sep 2019 19:19
Operator : JC/SP
Sample : K4838-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Manual Integrations
APPROVED

MMDadoda
9/17/2019 11:54:39 AM

Quant Time: Sep 17 04:32:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Quantitation Report (Qedit)

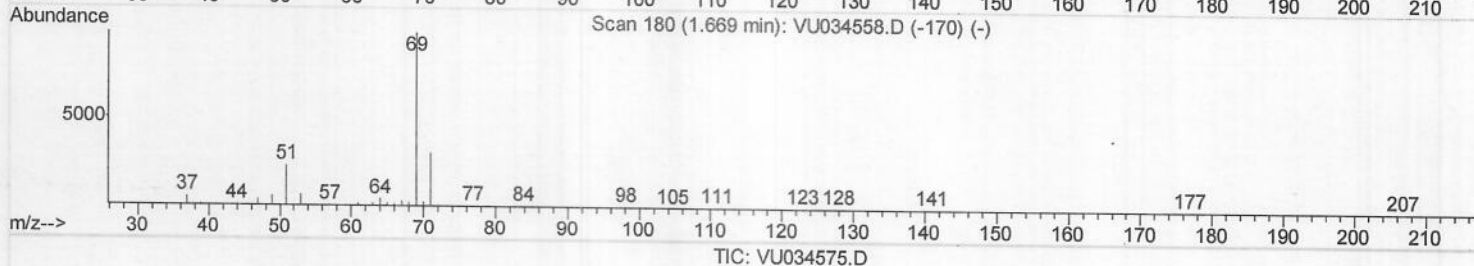
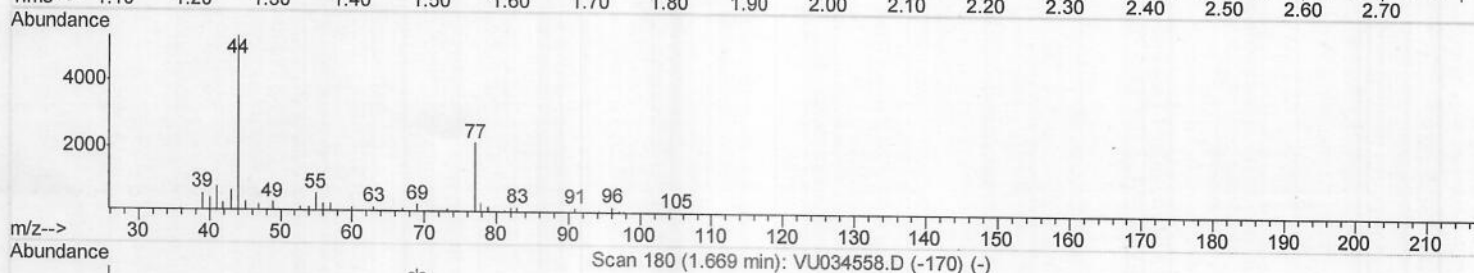
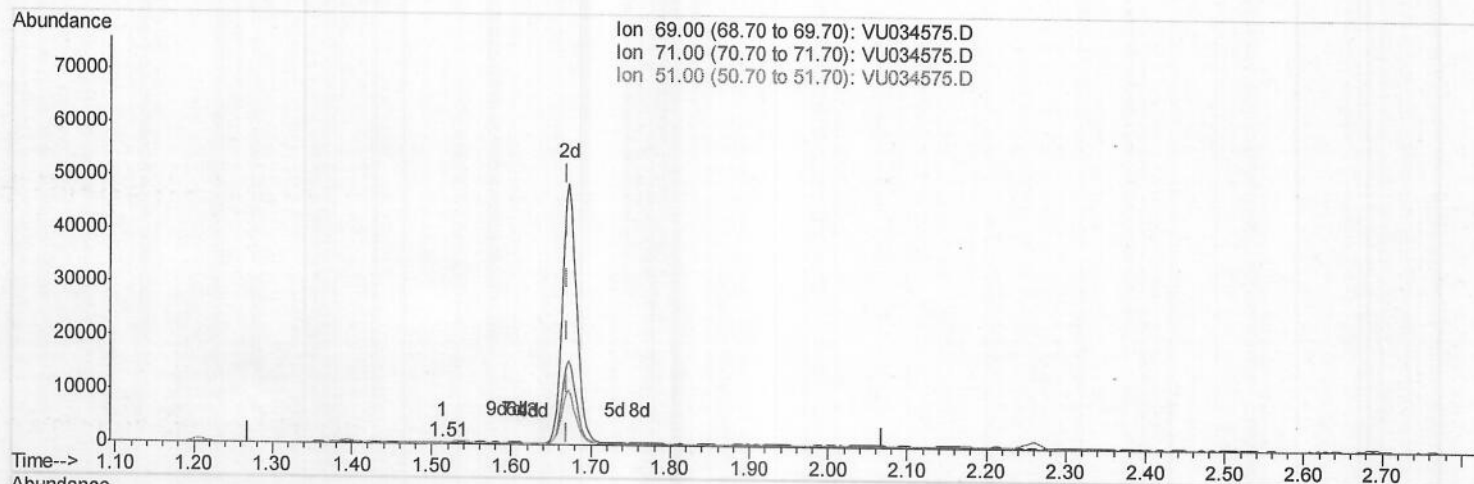
Data File : VU034575.D
Acq On : 16 Sep 2019 19:19
Operator : JC/SP
Sample : K4838-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Manual Integrations
APPROVED

MMDadoda
9/17/2019 11:54:39 AM

Quant Time: Sep 17 02:59:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.514min (-0.154) 0.20ug/L

response 225

Ion	Exp%	Act%
69.00	100	100
71.00	31.40	40.00
51.00	31.10	37.78
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Quantitation Report (Qedit)

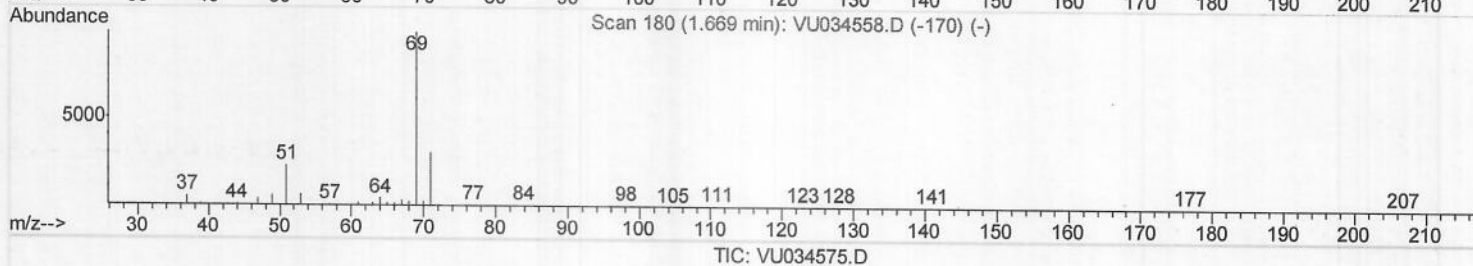
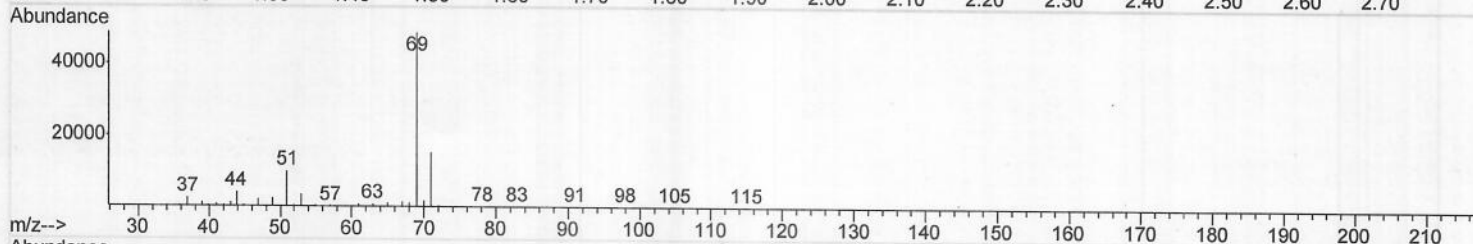
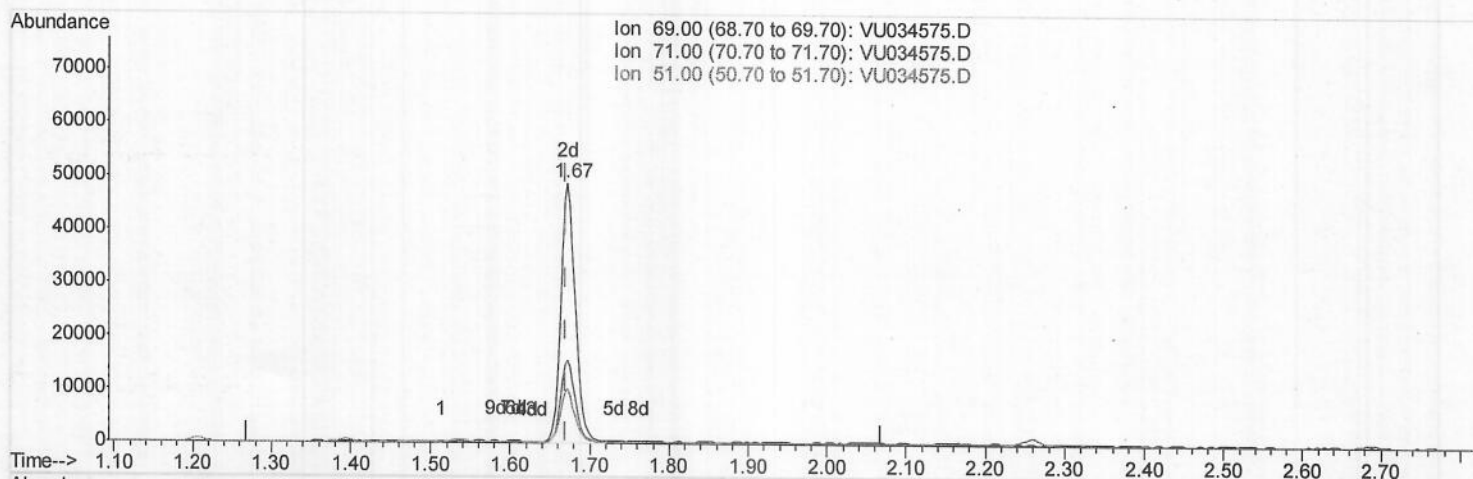
Data File : VU034575.D
Acq On : 16 Sep 2019 19:19
Operator : JC/SP
Sample : K4838-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Manual Integrations
APPROVED

MMDadoda
9/17/2019 11:54:39 AM

Quant Time: Sep 17 02:59:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.672min (+0.003) 54.61ug/L m

response 61734

Ion	Exp%	Act%
69.00	100	100
71.00	31.40	0.15#
51.00	31.10	0.14#
0.00	0.00	0.00

> M.D 09/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Quantitation Report (QT Reviewed)

Data File : VU034575.D
Acq On : 16 Sep 2019 19:19
Operator : JC/SP
Sample : K4838-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Manual Integrations
APPROVED

MMDadoda
9/17/2019 11:54:39 AM

Quant Time: Sep 17 04:32:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	304663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	116153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73228	49.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.64%		
7) Chloroethane-d5	1.67	69	61734m	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.22%		
11) 1,1-Dichloroethene-d2	2.26	63	115366	38.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.72%		
21) 2-Butanone-d5	4.15	46	184865	111.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.54%		
24) Chloroform-d	4.62	84	172118	51.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.16%		
26) 1,2-Dichloroethane-d4	5.29	65	109398	53.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.46%		
32) Benzene-d6	5.32	84	330855	53.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.38%		
36) 1,2-Dichloropropane-d6	6.31	67	126225	54.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.02%		
41) Toluene-d8	7.54	98	314988	52.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.32%		
43) trans-1,3-Dichloropropene-	7.83	79	58287	52.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.54%		
47) 2-Hexanone-d5	8.29	63	133500	106.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.29%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187105	51.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.44%		
64) 1,2-Dichlorobenzene-d4	11.84	152	110525	53.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.68%		

Target Compounds Qvalue

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

> M.D 09/21/19