Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\

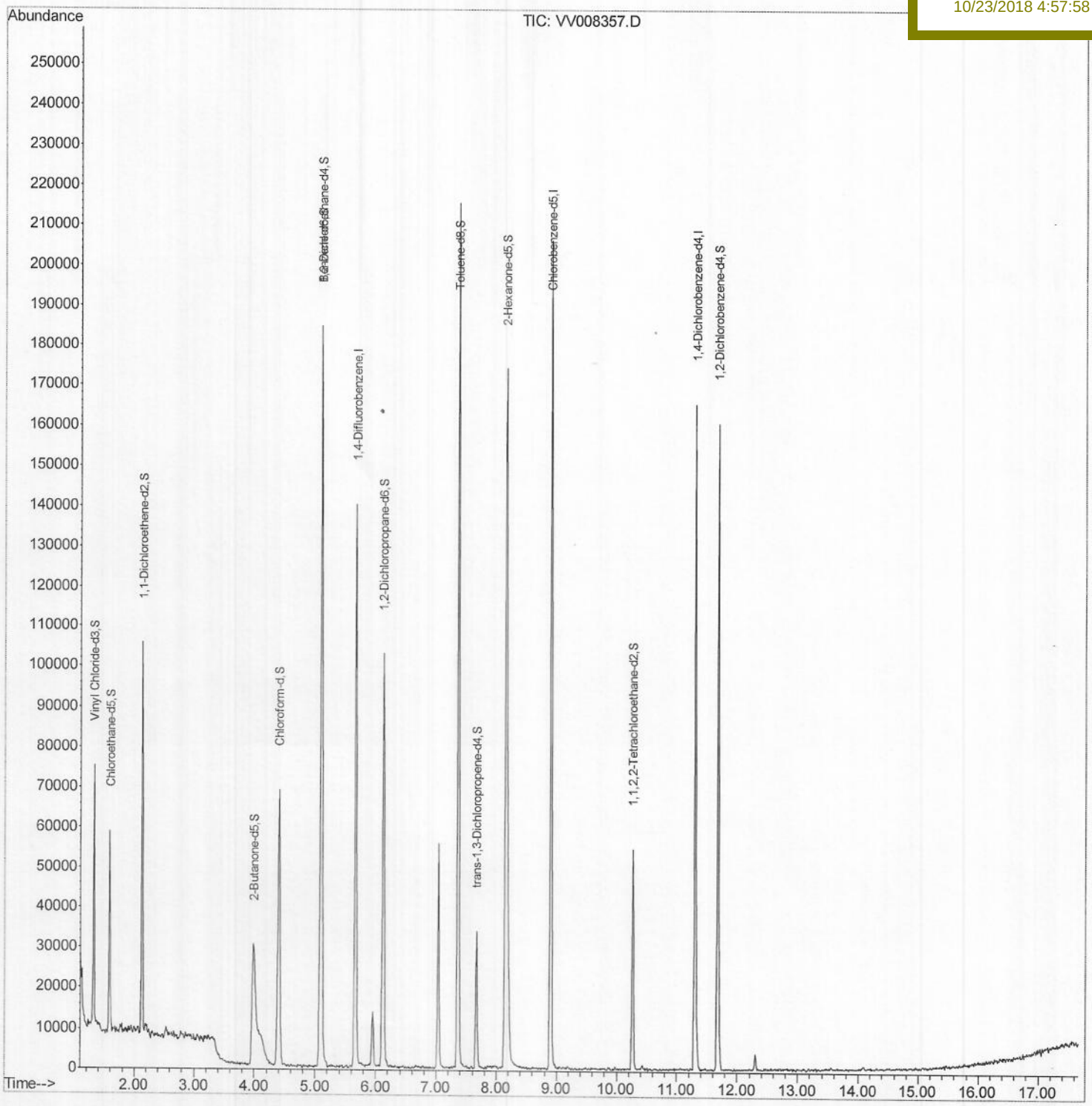
Quantitation Report (QT Reviewed)

Data File : VV008357.D
Acq On : 19 Oct 2018 10:37
Operator : SY/MD
Sample : VV1019WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 20 02:57:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK71

Manual Integrations APPROVED
sam
10/23/2018 4:57:58 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\

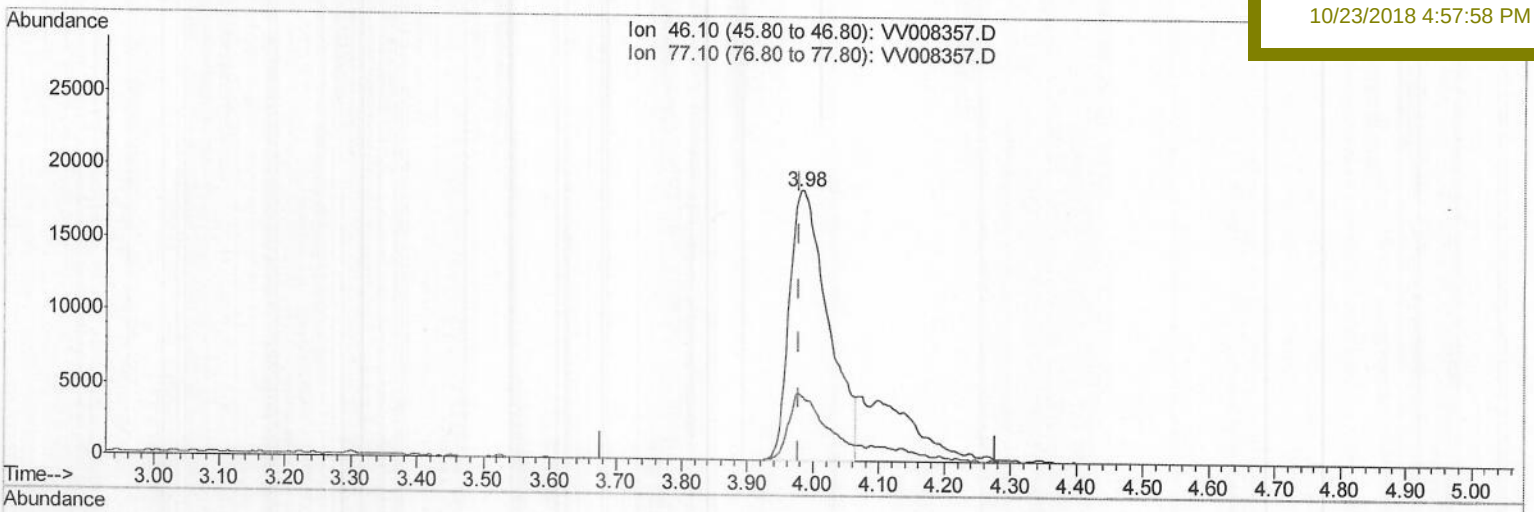
Quantitation Report (Qedit)

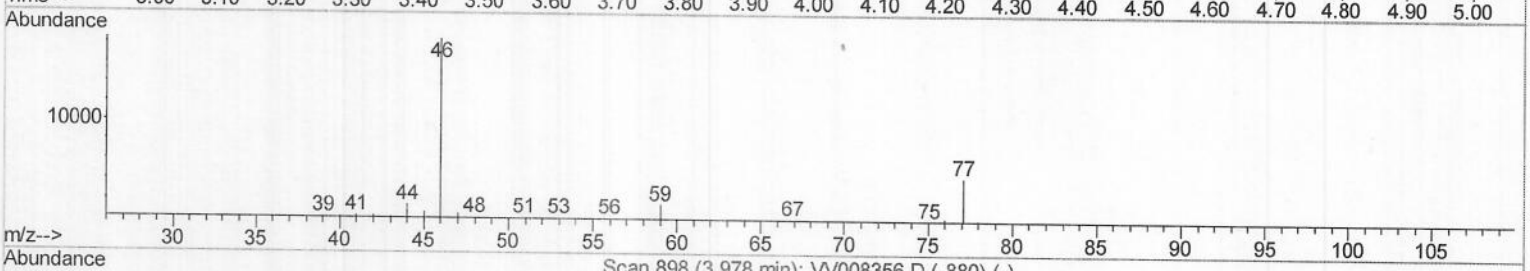
Data File : VV008357.D
Acq On : 19 Oct 2018 10:37
Operator : SY/MD
Sample : VV1019WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

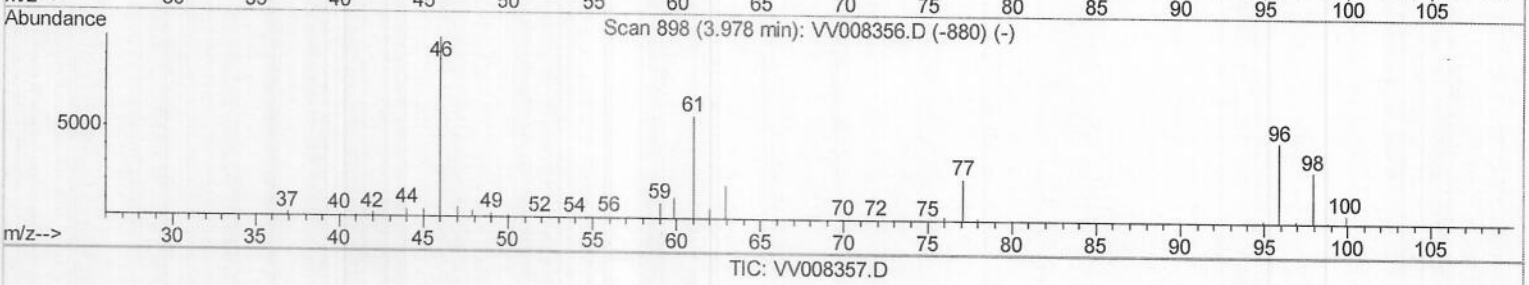
Quant Time: Oct 20 02:52:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK71

Manual Integrations APPROVED
sam
10/23/2018 4:57:58 PM







TIC: VV008357.D

(20) 2-Butanone-d5 (S)

3.981min (+0.003) 34.30ug/L

response 76231

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	24.23
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\

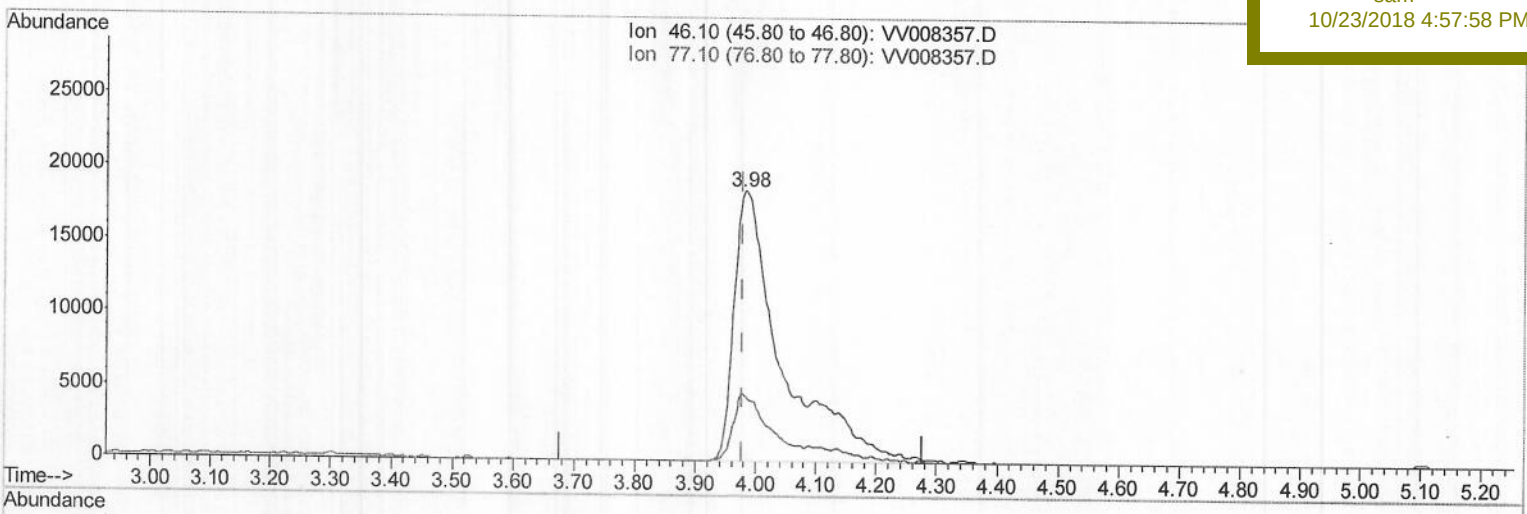
Quantitation Report (Qedit)

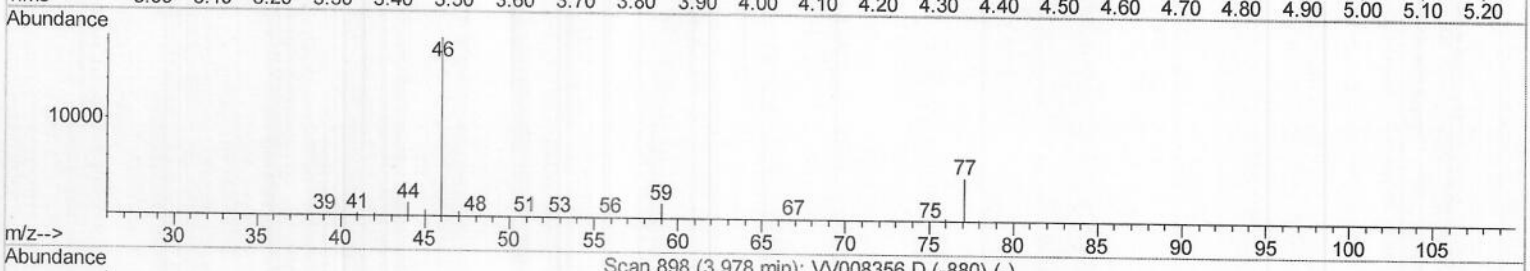
Data File : VV008357.D
Acq On : 19 Oct 2018 10:37
Operator : SY/MD
Sample : VV1019WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

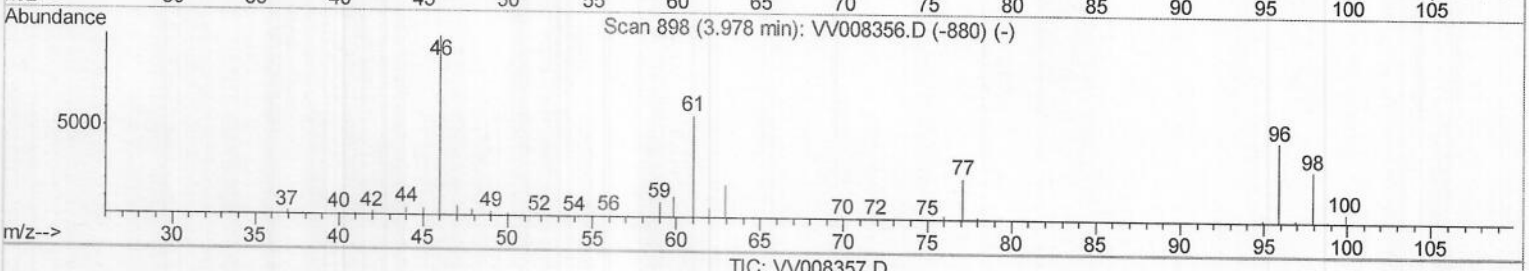
Quant Time: Oct 20 02:52:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK71

Manual Integrations APPROVED
sam
10/23/2018 4:57:58 PM







TIC: VV008357.D

(20) 2-Butanone-d5 (S)

3.981min (+0.003) 46.04ug/L m) MD 10/23/18

response 102322

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	18.05
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\

Quantitation Report (QT Reviewed)

Data File : VV008357.D
Acq On : 19 Oct 2018 10:37
Operator : SY/MD
Sample : VV1019WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 20 02:57:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VBLK71

Manual Integrations APPROVED
sam
10/23/2018 4:57:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43142	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38041	5.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.80%			
7) Chloroethane-d5	1.58	69	28627	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	2.13	63	53275	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	3.98	46	102322m	46.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.08%			
24) Chloroform-d	4.40	84	68850	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.09	65	36417	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.10	84	152735	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.12	67	51508	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	142382	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.67	79	18736	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.14	63	67446	44.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27888	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	42167	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			

Target Compounds	Qvalue

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

MD 10/23/18