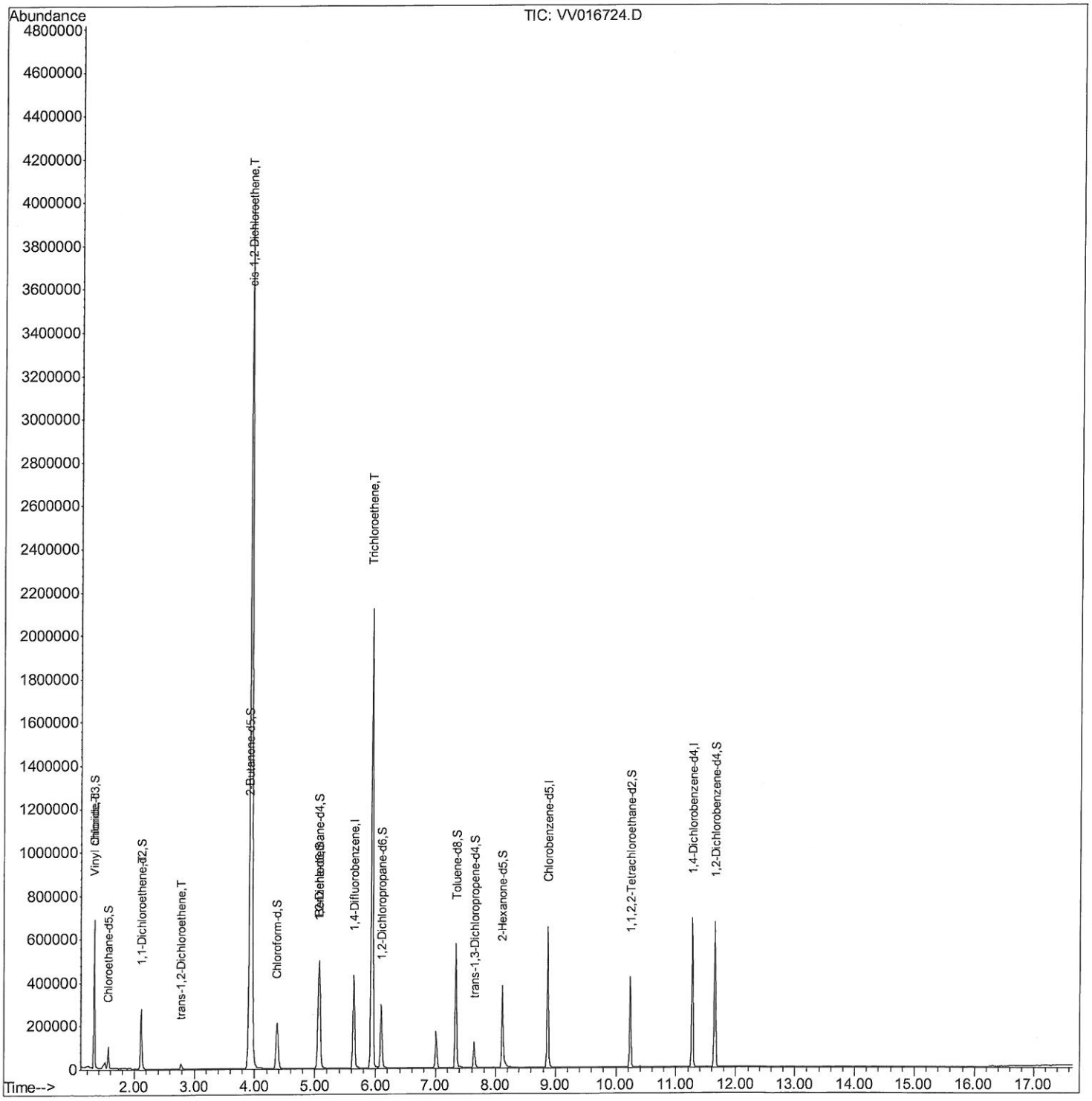
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016724.D
Acq On : 09 Jun 2020 18:01
Operator : SY/MD
Sample : L2901-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 10 04:04:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ETTY5

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:51:54 PM



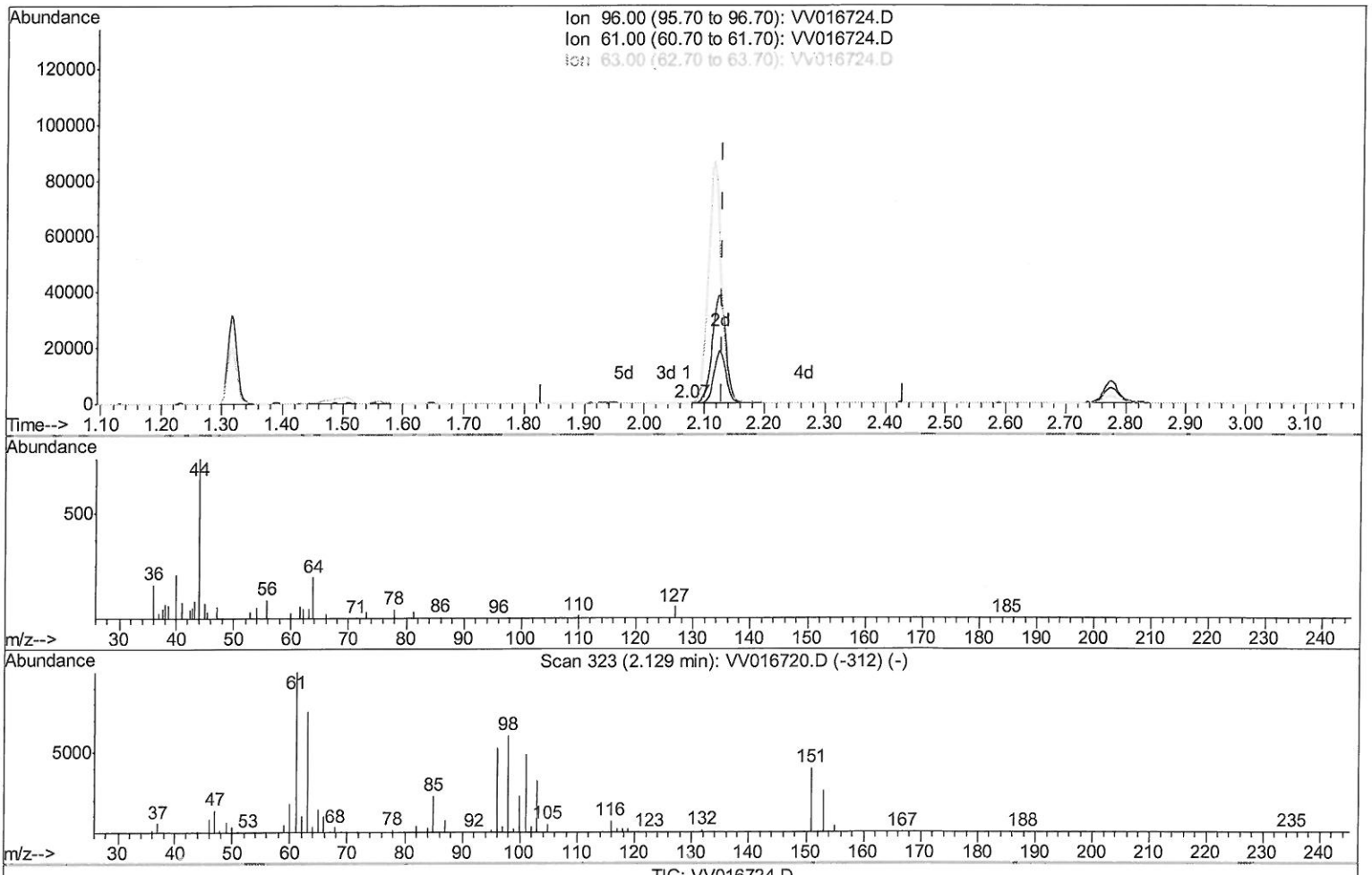
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016724.D
Acq On : 09 Jun 2020 18:01
Operator : SY/MD
Sample : L2901-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 10 03:45:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ETTY5

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:51:54 PM



TIC: VV016724.D

(12) 1,1-Dichloroethene (T)

2.071min (-0.058) 0.02ug/L

response 40

Ion	Exp%	Act%
96.00	100	100
61.00	186.30	143.27
63.00	147.60	136.54
0.00	0.00	0.00

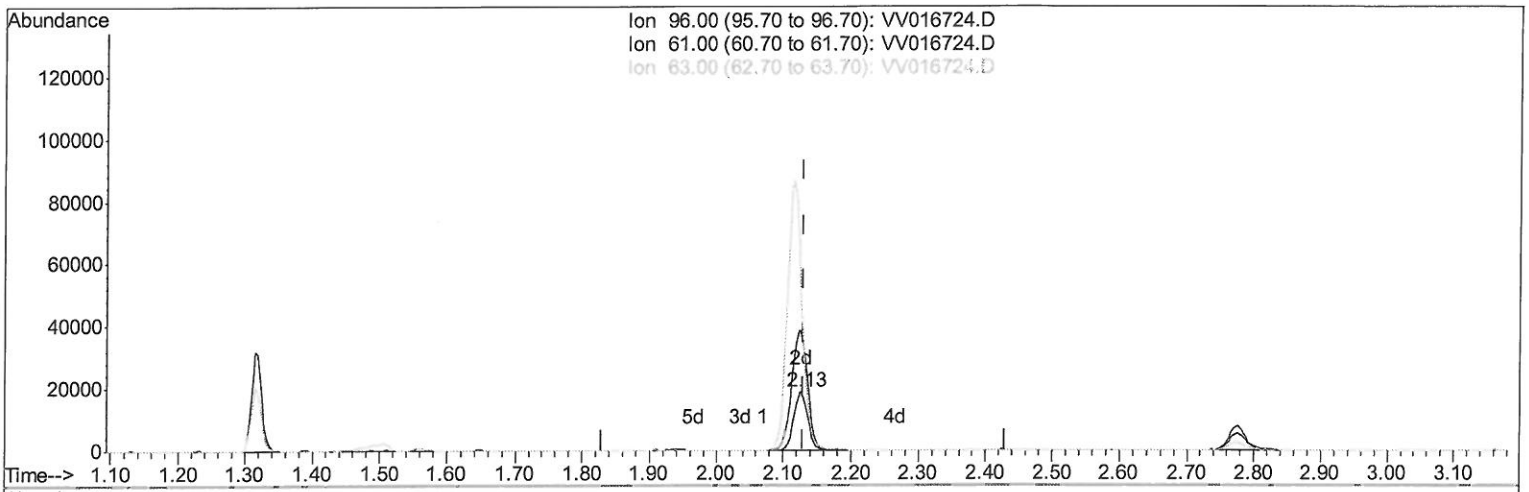
Quantitation Report (Qedit)

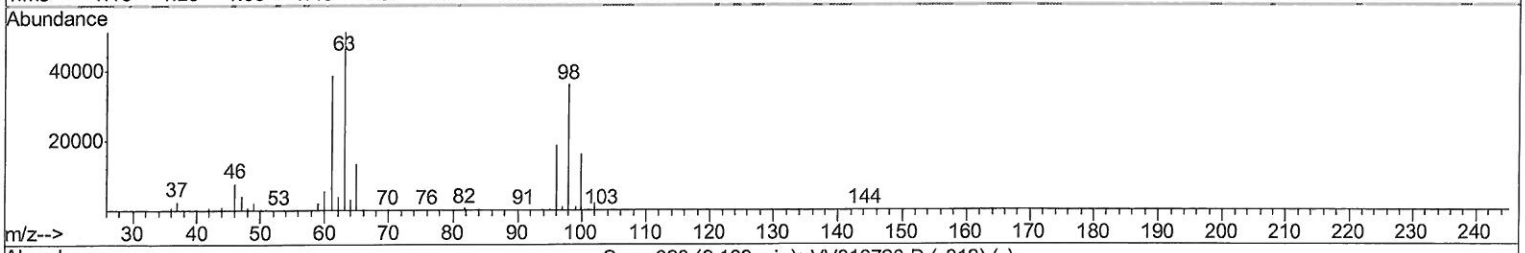
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016724.D
Acq On : 09 Jun 2020 18:01
Operator : SY/MD
Sample : L2901-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

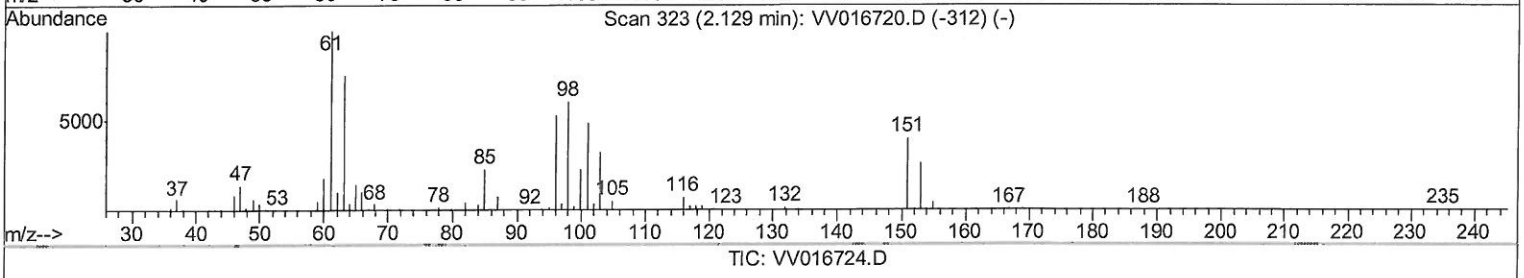
Quant Time: Jun 10 03:45:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ETTY5

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:51:54 PM







TIC: VV016724.D

(12) 1,1-Dichloroethene (T)

2.126min (-0.003) 15.33ug/L m

response 26802

Ion	Exp%	Act%
96.00	100	100
61.00	186.30	204.95
63.00	147.60	272.74#
0.00	0.00	0.00

SMD 6/10/20

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016724.D
Acq On : 09 Jun 2020 18:01
Operator : SY/MD
Sample : L2901-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTY5

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:51:54 PM

Quant Time: Jun 10 04:04:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352175	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162787	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	80373	32.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.68%			
7) Chloroethane-d5	1.56	69	61914	41.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.04%			
11) 1,1-Dichloroethene-d2	2.12	63	130190	31.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.40%			
21) 2-Butanone-d5	3.90	46	181981	98.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.94%			
24) Chloroform-d	4.37	84	211209	41.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.05	65	152116	44.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.52%			
32) Benzene-d6	5.07	84	402326	41.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.06%			
36) 1,2-Dichloropropane-d6	6.09	67	129990	43.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.10%			
41) Toluene-d8	7.34	98	361795	40.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	7.64	79	62075	39.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.94%			
47) 2-Hexanone-d5	8.11	63	120866	91.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.82%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186352	46.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.24%			
64) 1,2-Dichlorobenzene-d4	11.65	152	166035	47.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.58%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	338119	134.658	ug/L	100
12) 1,1-Dichloroethene	2.13	96	26802m	15.334	ug/L	
17) trans-1,2-Dichloroethene	2.78	96	10124	4.248	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	2188570	842.343	ug/L	98
34) Trichloroethene	5.94	95	702806	263.572	ug/L	98

> MDL 6/10/20

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