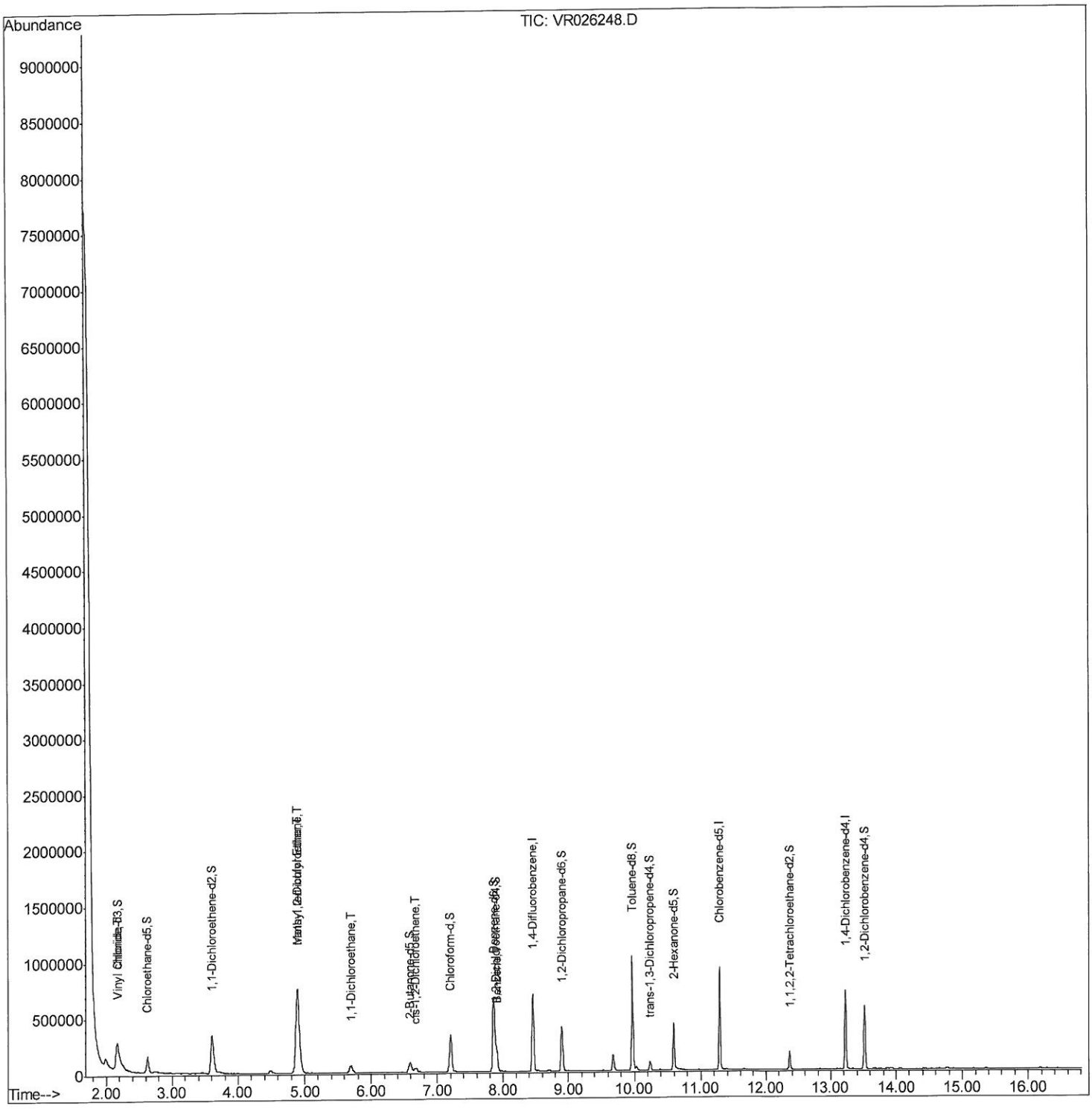
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
Quantitation Report (QT Reviewed)

Data File : VR026248.D
Acq On : 21 Nov 2018 2:32
Operator : SY/MD
Sample : J6026-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 04:18:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
H0FL9

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:12 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

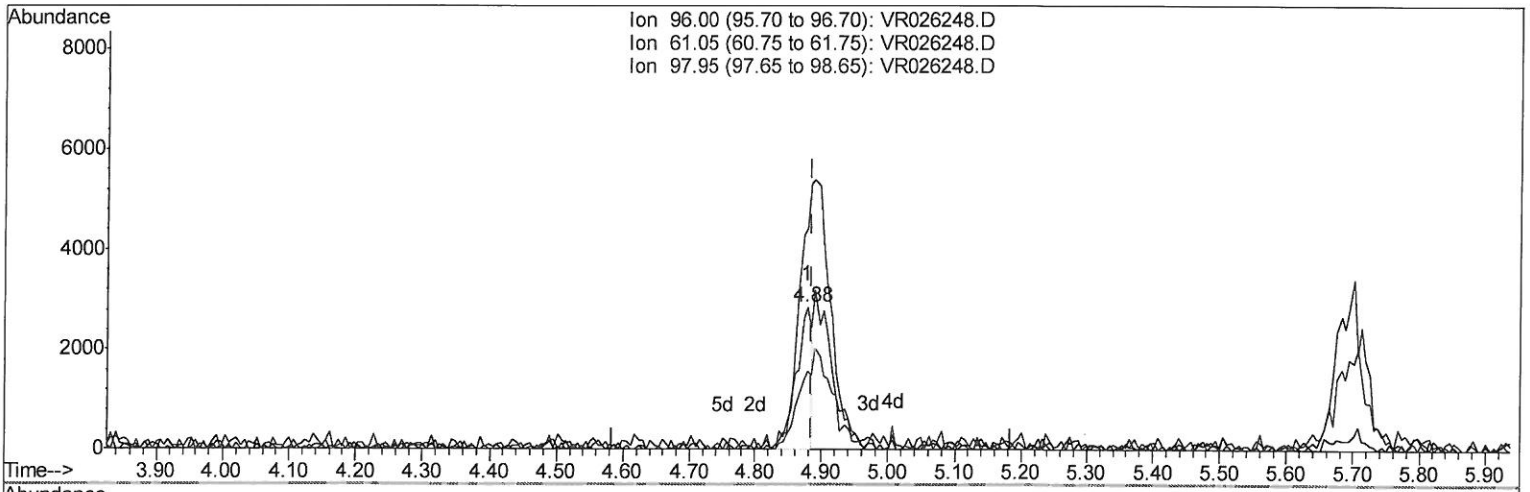
Quantitation Report (Qedit)

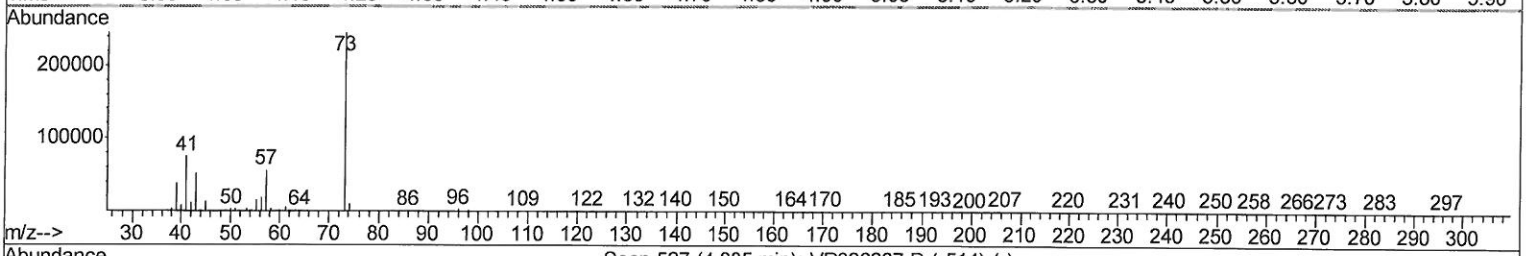
Data File : VR026248.D
Acq On : 21 Nov 2018 2:32
Operator : SY/MD
Sample : J6026-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 22 Sample Multiplier: 1

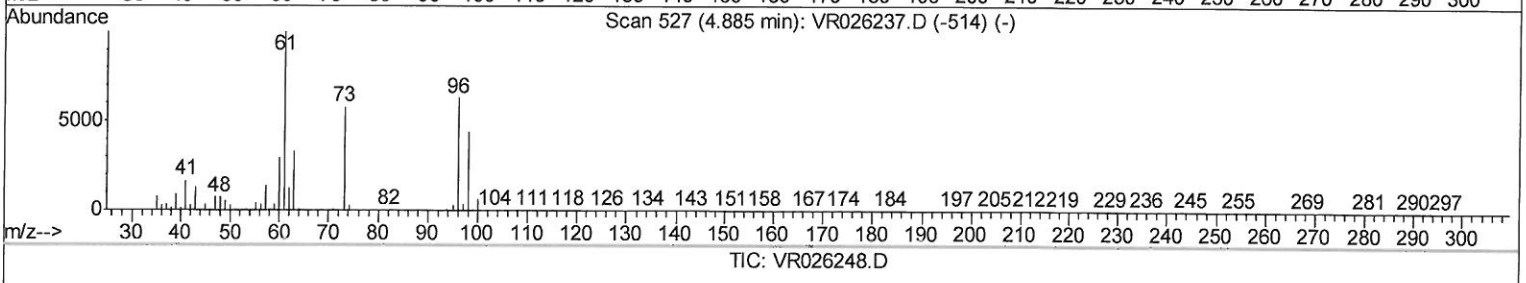
Quant Time: Nov 21 03:28:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
H0FL9

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:12 PM







TIC: VR026248.D

(18) trans-1,2-Dichloroethene (T)

4.879min (-0.006) 0.13ug/L

response 4731

Ion	Exp%	Act%
96.00	100	100
61.05	150.60	154.82
97.95	60.10	55.56
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

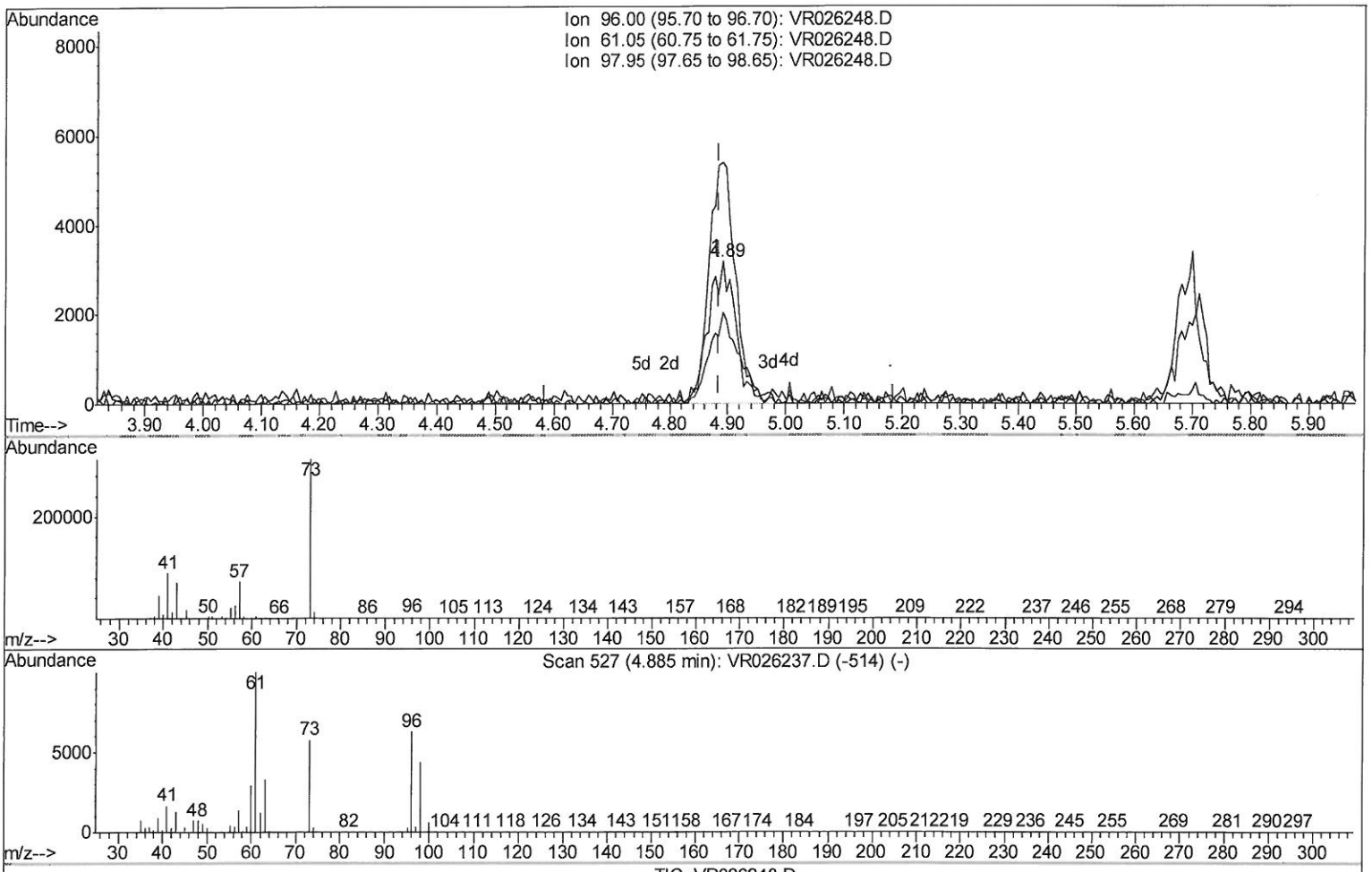
Quantitation Report (Qedit)

Data File : VR026248.D
Acq On : 21 Nov 2018 2:32
Operator : SY/MD
Sample : J6026-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 03:28:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
H0FL9

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:12 PM



TIC: VR026248.D

(18) trans-1,2-Dichloroethene (T)

4.891min (+0.006) 0.29ug/L m 11/26/18 SY

response 10841

Ion	Exp%	Act%
96.00	100	100
61.05	150.60	169.75
97.95	60.10	63.74
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (QT Reviewed)

Data File : VR026248.D
Acq On : 21 Nov 2018 2:32
Operator : SY/MD
Sample : J6026-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H0FL9

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:12 PM

Quant Time: Nov 21 04:18:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	489219	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	410070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142145	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	196575	5.28	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	2.62	69	187383	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.00%			
11) 1,1-Dichloroethene-d2	3.61	63	380839	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.40%			
20) 2-Butanone-d5	6.59	46	164376	47.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.16%			
24) Chloroform-d	7.20	84	344911	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	7.90	65	135770	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	7.86	84	646560	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	8.90	67	167575	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	9.97	98	567490	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	10.24	79	38767	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	10.59	63	118831	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	68068	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	119348	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			

Target Compounds						Qvalue
5) Vinyl chloride	2.17	62	201942	4.667	ug/L	94
17) Methyl tert-butyl Ether	4.90	73	1198074	28.223	ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	10841m	0.287	ug/L	
19) 1,1-Dichloroethane	5.70	63	99718	1.473	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	19065	0.561	ug/L	94
33) Benzene	7.91	78	50251	0.335	ug/L	100

11/26/18 SY

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