Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

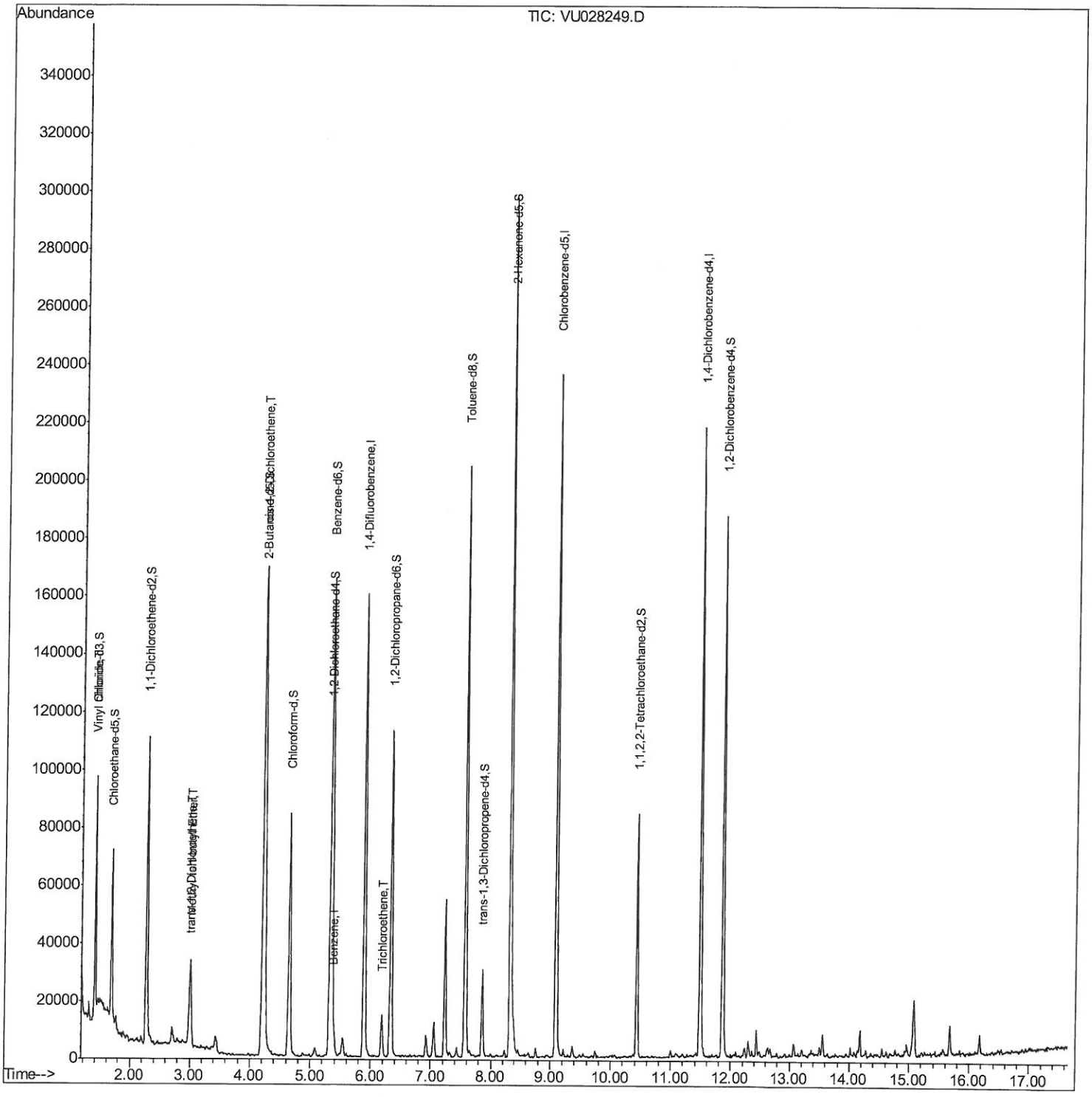
Quantitation Report (QT Reviewed)

Data File : VU028249.D
Acq On : 19 Nov 2018 12:53
Operator : MD/SY
Sample : J5986-08RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:35:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Manual Integrations APPROVED
MMDadoda
11/21/2018 2:55:35 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Qedit)

Data File : VU028249.D
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Quant Time: Nov 20 07:11:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Instrument :
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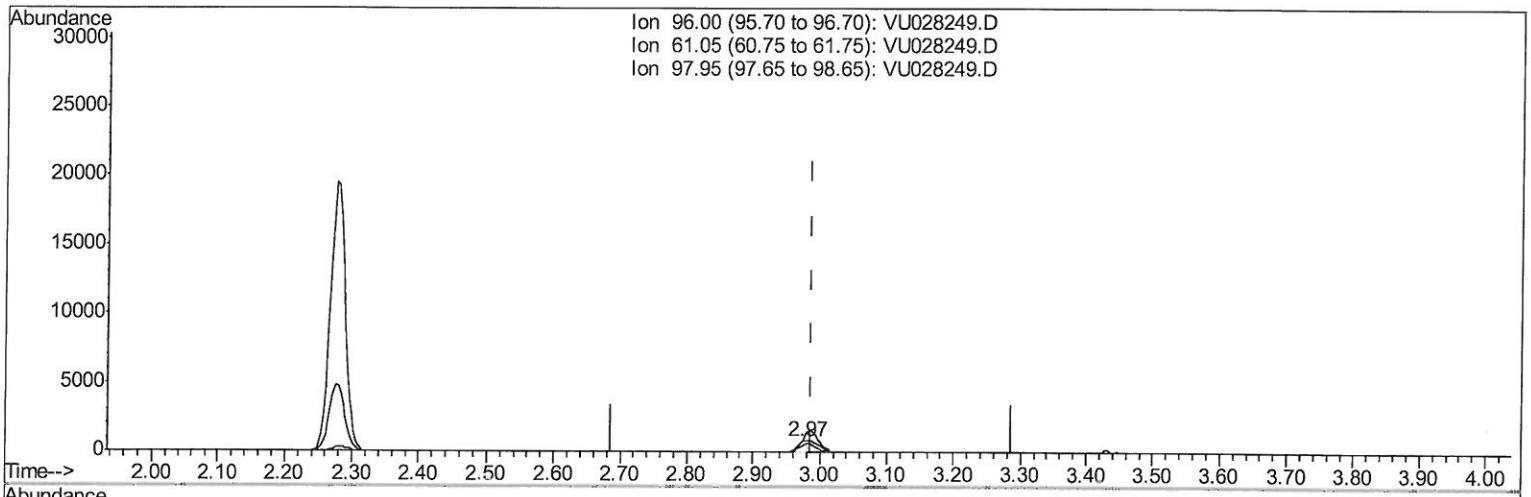
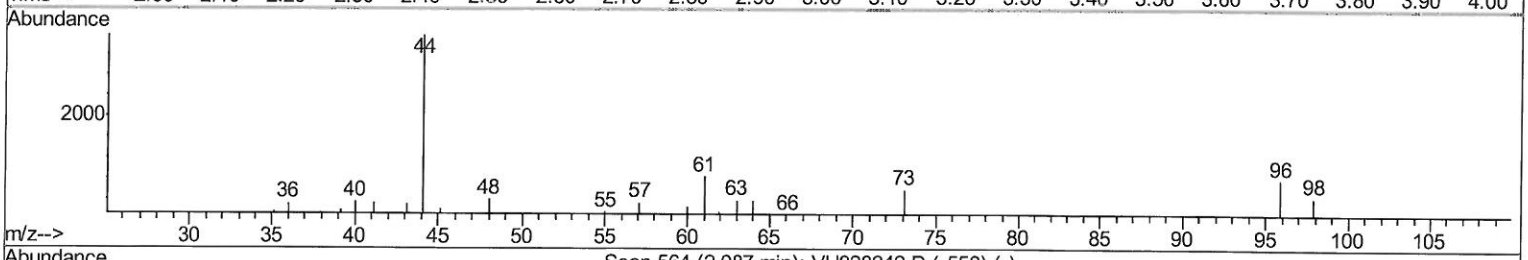
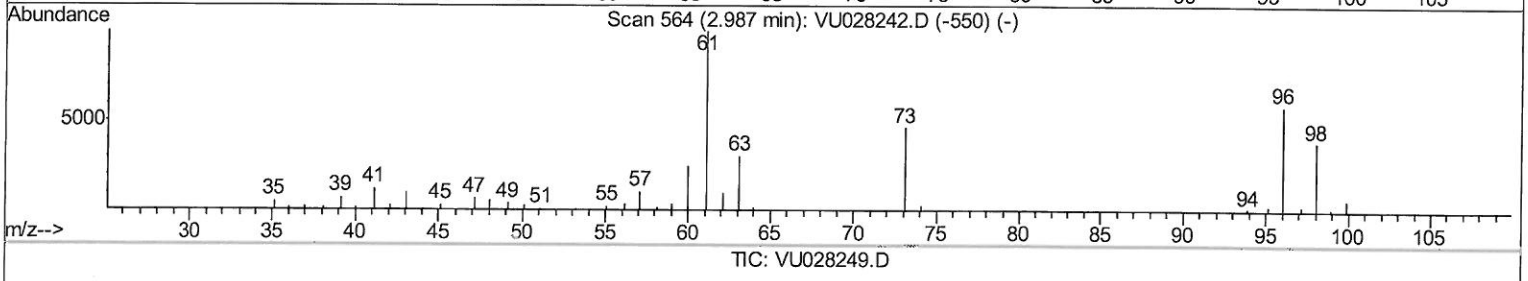
Manual Integrations APPROVED
MMDadoda
11/21/2018 2:55:35 PM







TIC: VU028249.D

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

2.974min (-0.013) 0.08ug/L

response 685

Ion	Exp%	Act%
96.00	100	100
61.05	174.60	105.71#
97.95	64.20	56.35
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Qedit)

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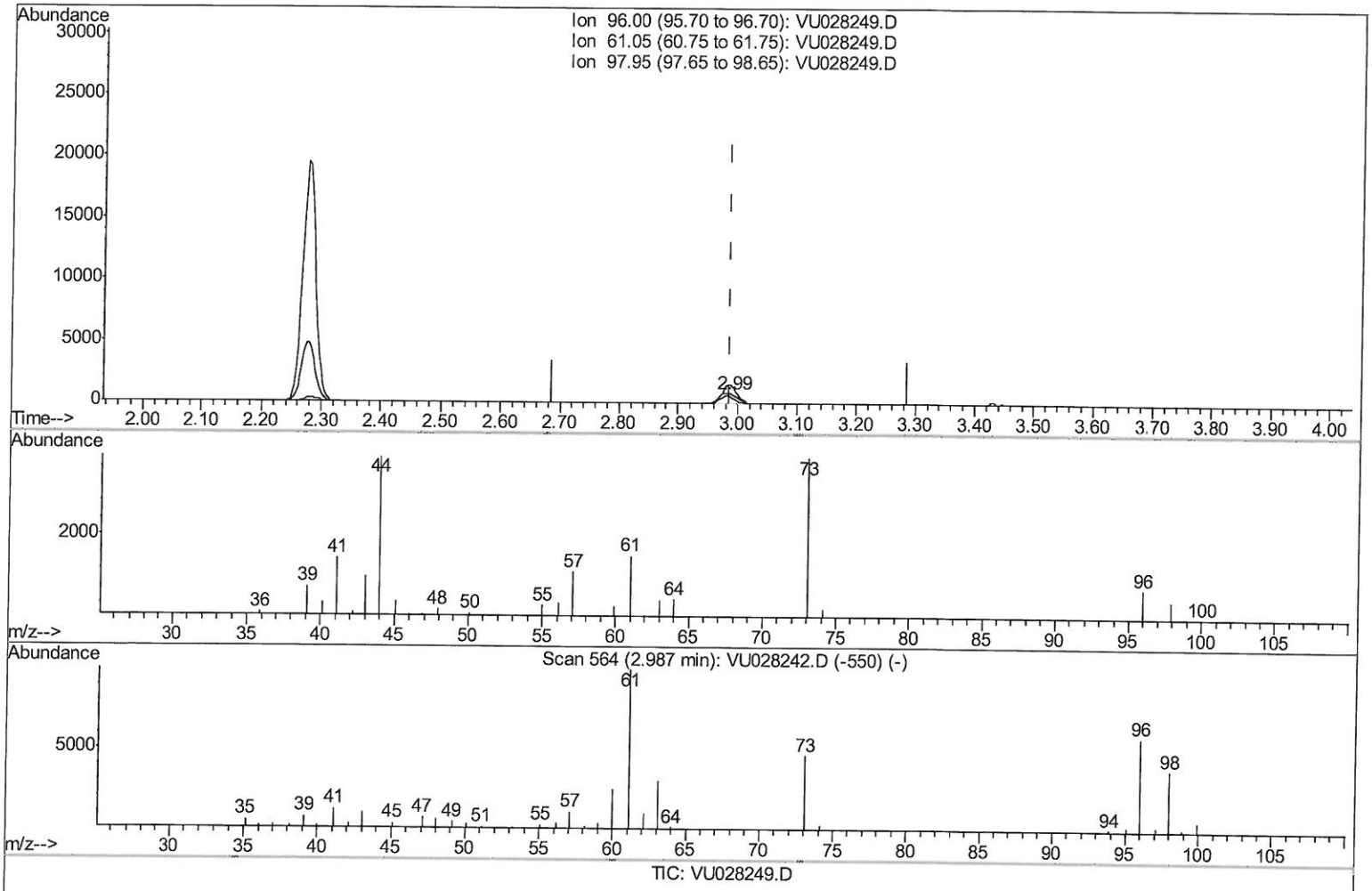
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:11:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Manual Integrations APPROVED
MMDadoda
11/21/2018 2:55:35 PM



TIC: VU028249.D

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

2.987min (+0.000) 0.19ug/L m

response 1579

MD 11/21/18

Ion	Exp%	Act%
96.00	100	100
61.05	174.60	192.80
97.95	64.20	65.28
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (QT Reviewed)

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Operator : MD/SY
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : H0FJ2RE

Manual Integrations APPROVED
MMDadoda
11/21/2018 2:55:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53506	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	41242	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.68	69	36887	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.28	63	61878	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.21	46	144862	45.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.30%			
24) Chloroform-d	4.65	84	77004	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.31	65	42812	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	5.34	84	155070	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.33	67	56941	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.57	98	134005	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	7.85	79	17509	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.31	63	99884	41.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43472	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	46685	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4214	0.329	ug/L #	1
17) Methyl tert-butyl Ether	3.01	73	28168	1.209	ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	1579m	0.191	ug/L	
22) cis-1,2-Dichloroethene	4.23	96	61744	6.320	ug/L	88
33) Benzene	5.39	78	6240	0.157	ug/L	100
34) Trichloroethene	6.19	95	5032	0.518	ug/L	96

MD 11/21/18

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