Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092018\

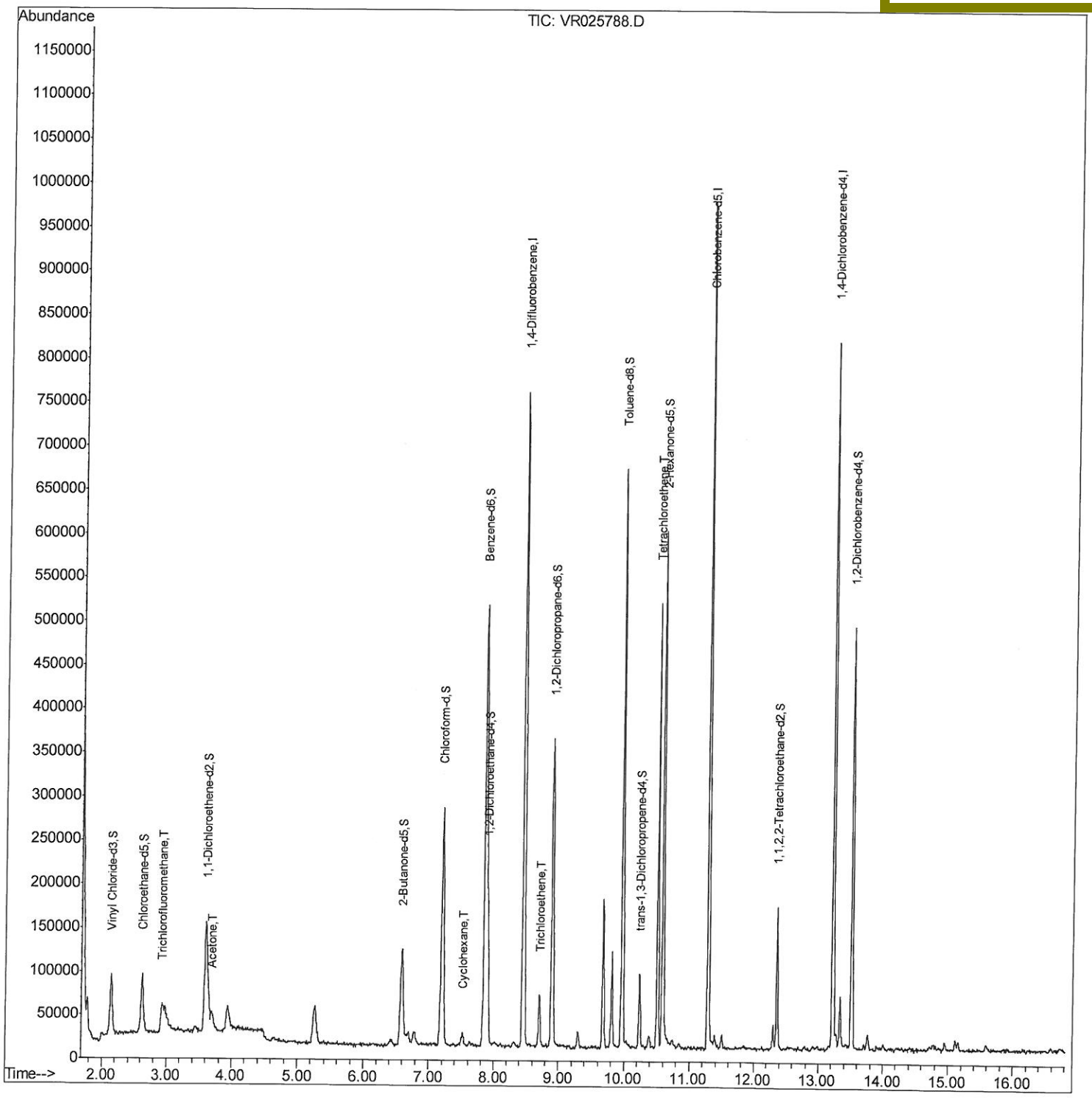
Quantitation Report (QT Reviewed)

Data File : VR025788.D
Acq On : 20 Sep 2018 23:45
Operator : SY/MD
Sample : J4991-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 21 08:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0T24

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:09:20 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092018\

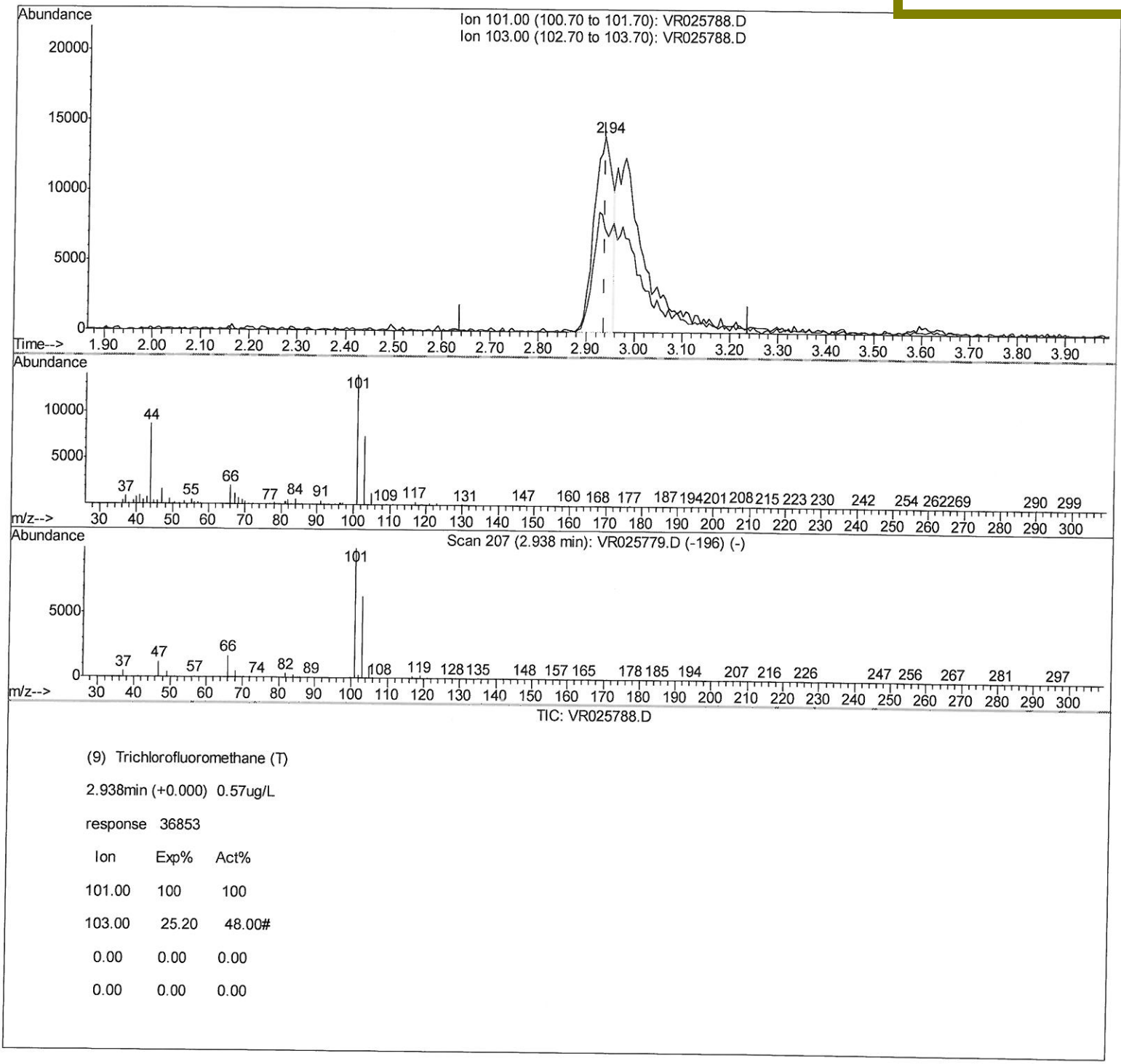
Quantitation Report (Qedit)

Data File : VR025788.D
Acq On : 20 Sep 2018 23:45
Operator : SY/MD
Sample : J4991-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 21 07:44:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0T24

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:09:20 PM



(9) Trichlorofluoromethane (T)

2.938min (+0.000) 0.57ug/L

response 36853

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	48.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092018\

Quantitation Report (Qedit)

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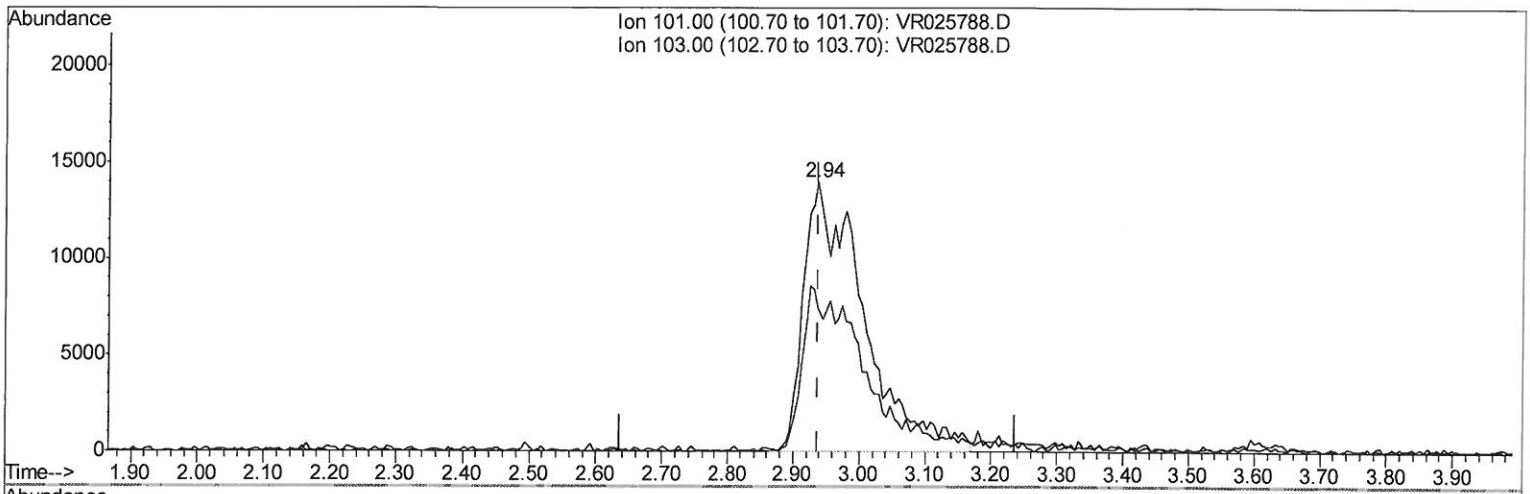
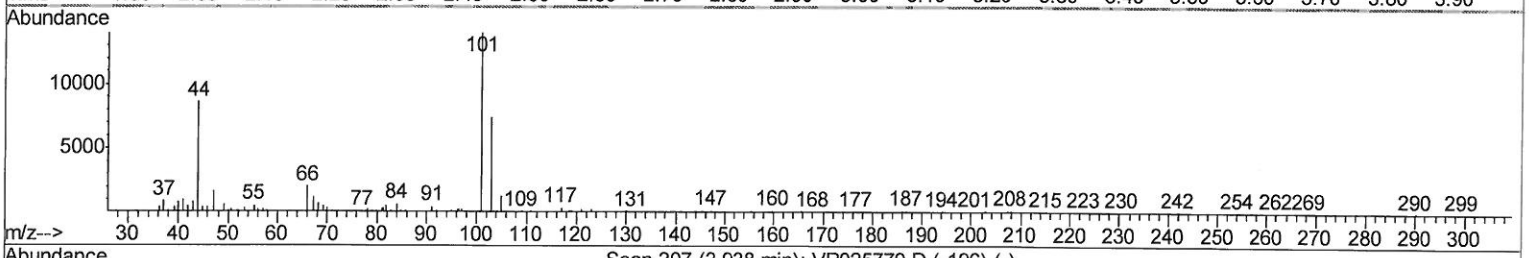
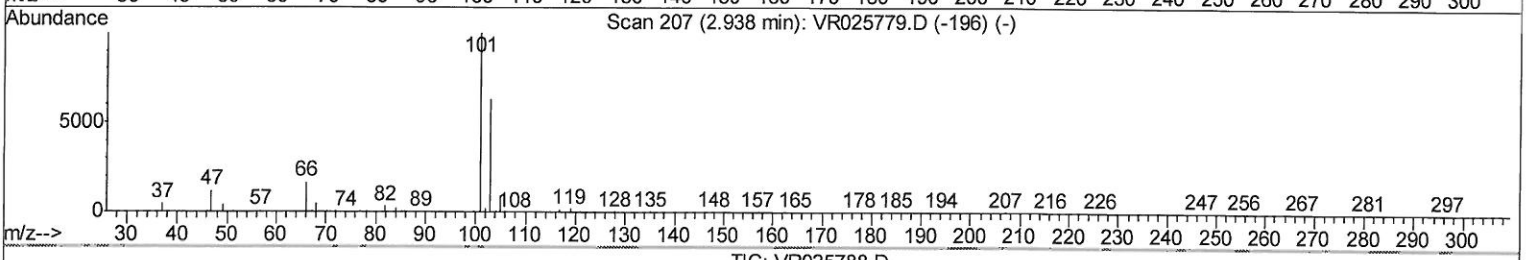
Manual Integrations APPROVED
MMDadoda
9/24/2018 5:09:20 PM







TIC: VR025788.D

(9) Trichlorofluoromethane (T)

2.938min (+0.000) 1.35ug/L m 09/24/18 SY

response 87818

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	20.15#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092018\

Quantitation Report (QT Reviewed)

Data File : VR025788.D
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : C0T24

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:09:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	528370	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	418230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149568	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	106729	4.73	ug/L	-0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	2.62	69	91714	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	3.60	63	168547	2.70	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.00%#			
20) 2-Butanone-d5	6.59	46	221784	54.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.50%			
24) Chloroform-d	7.20	84	284289	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	7.89	65	130168	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	7.85	84	499229	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	8.90	67	150860	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	9.97	98	385038	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	10.24	79	41062	3.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.60%			
46) 2-Hexanone-d5	10.59	63	189256	52.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.40%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72495	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	92231	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.94	101	87818m	1.348	ug/L	
13) Acetone	3.69	43	38857	18.055	ug/L	99
30) Cyclohexane	7.51	56	9808	0.096	ug/L	94
34) Trichloroethene	8.71	95	19679	0.337	ug/L	90
47) Tetrachloroethene	10.51	164	76405	2.210	ug/L	96

09/24/18 JY

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