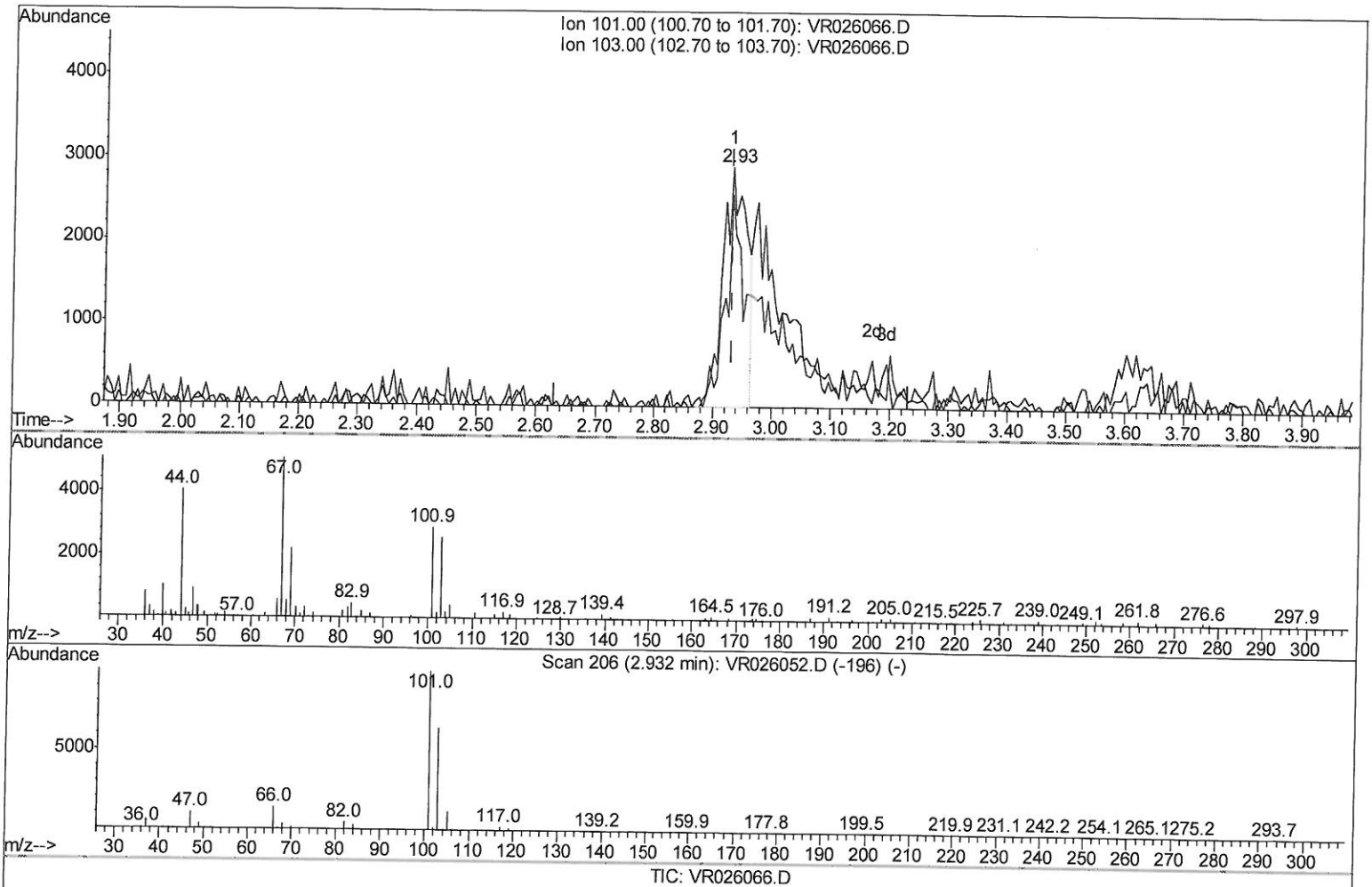
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 13 00:57:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM



TIC: VR026066.D

(9) Trichlorofluoromethane (T)

2.932min (-0.000) 0.14ug/L

response 7981

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	69.90#
0.00	0.00	0.00
0.00	0.00	0.00

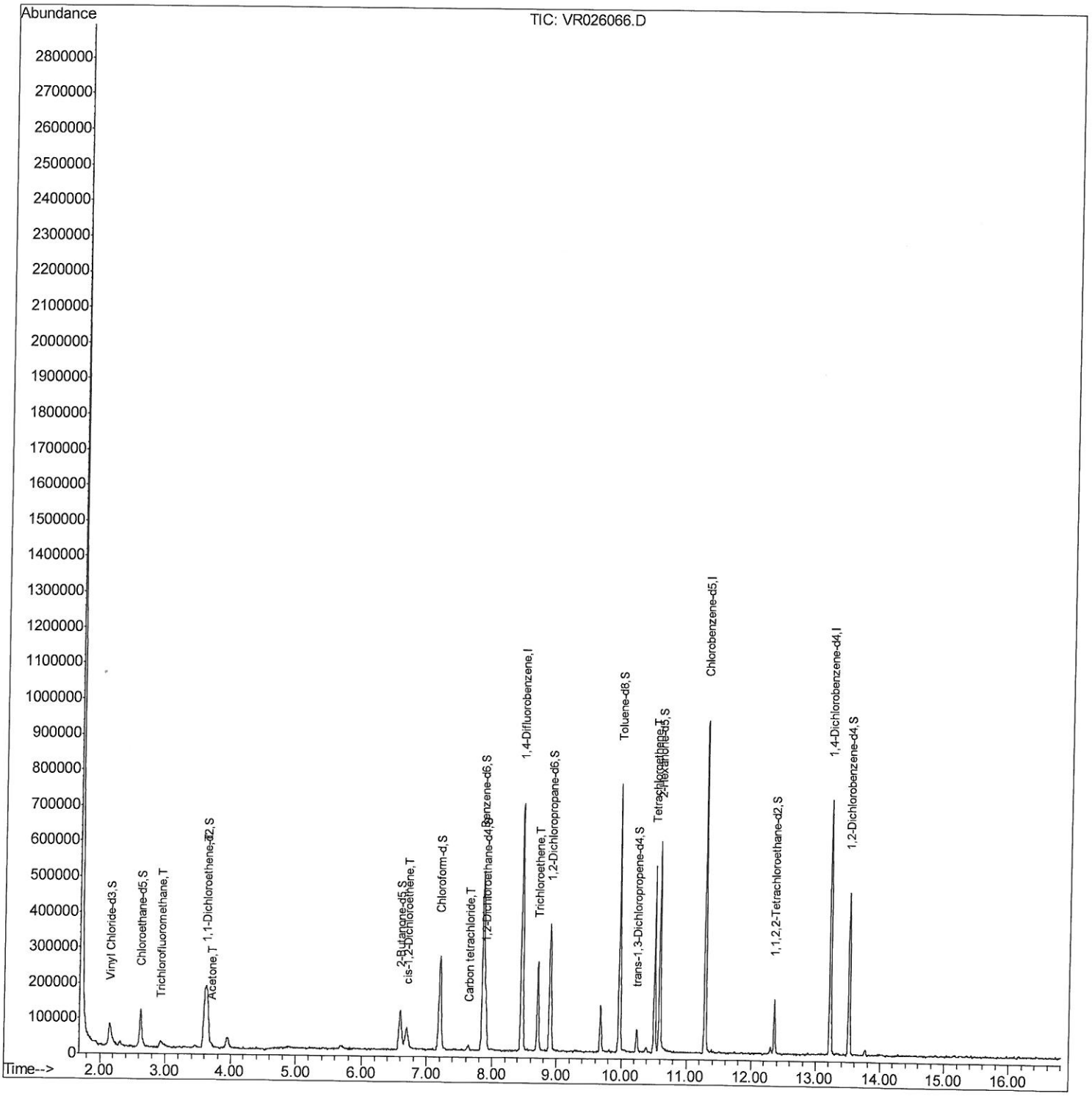
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 13 02:17:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM



Quantitation Report (Qedit)

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Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
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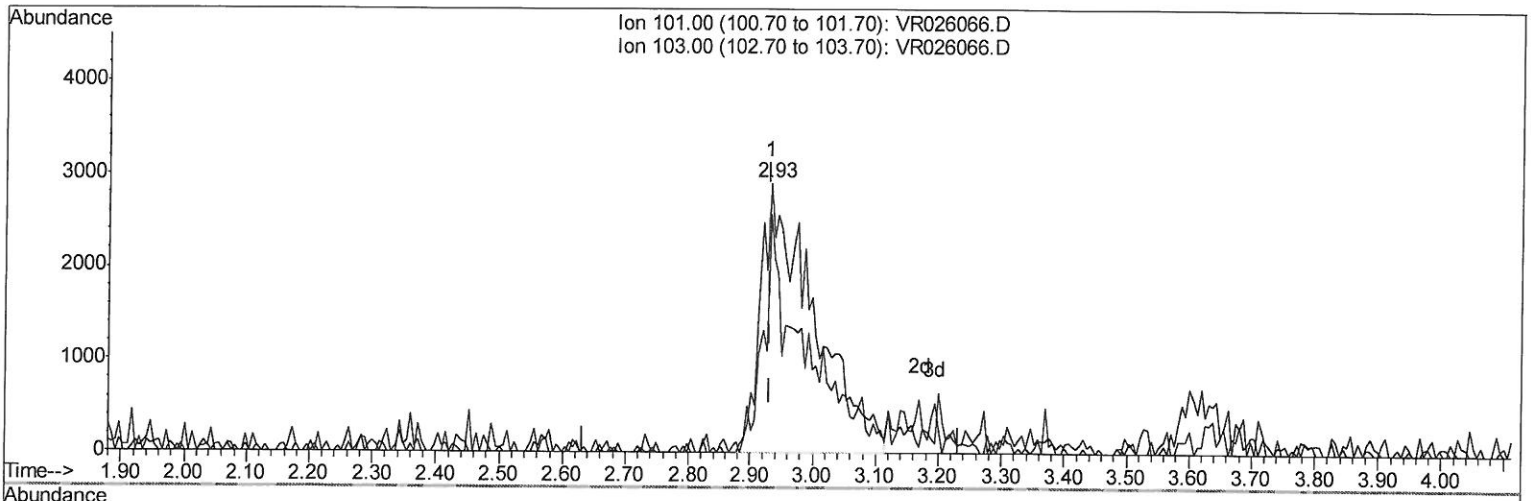
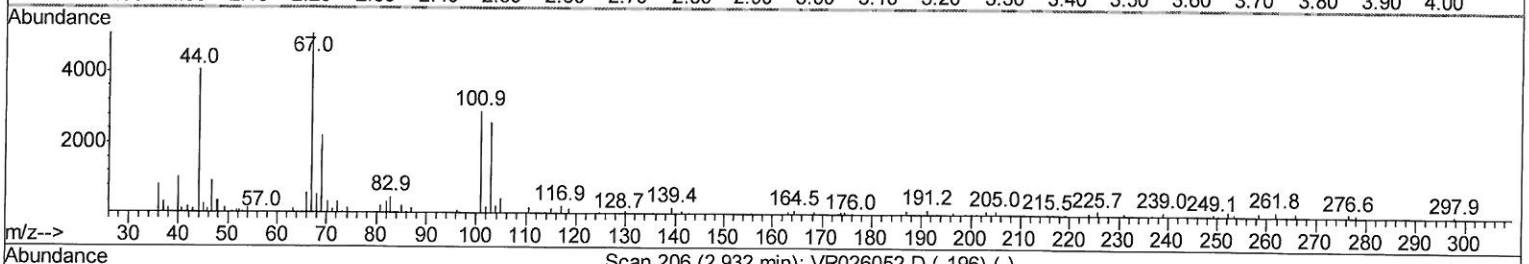
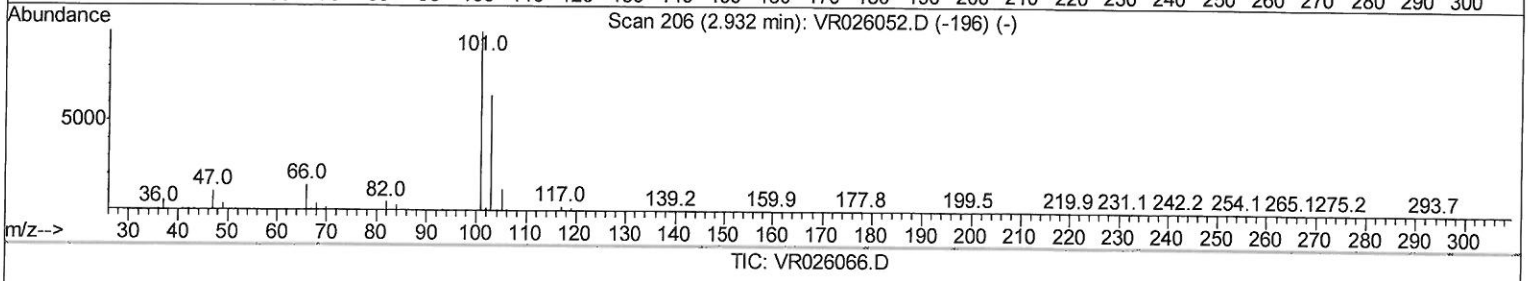
Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM







TIC: VR026066.D

(9) Trichlorofluoromethane (T)

2.932min (-0.000) 0.30ug/L m > 10/15/18 SY

response 17053

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	32.72
0.00	0.00	0.00
0.00	0.00	0.00

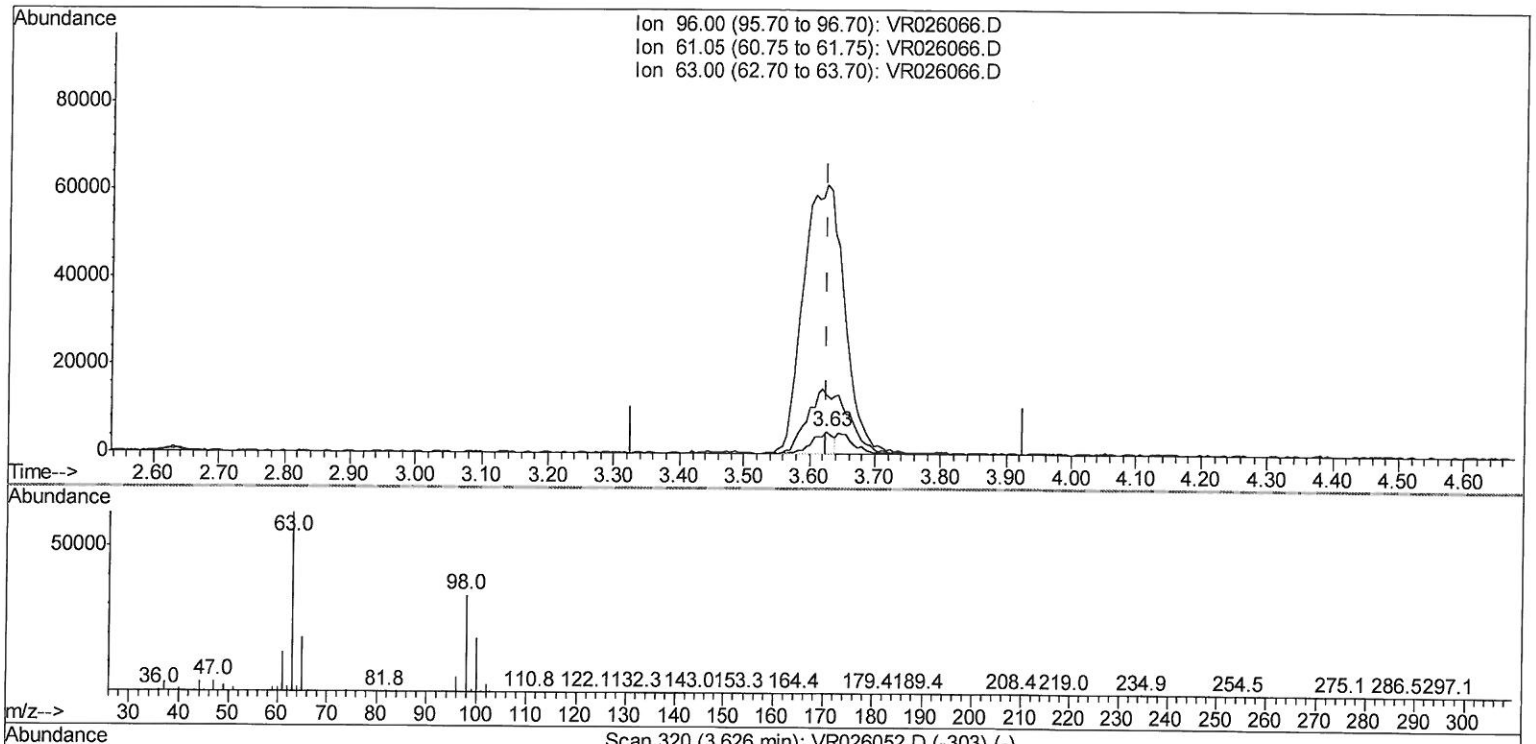
Quantitation Report (Qedit)

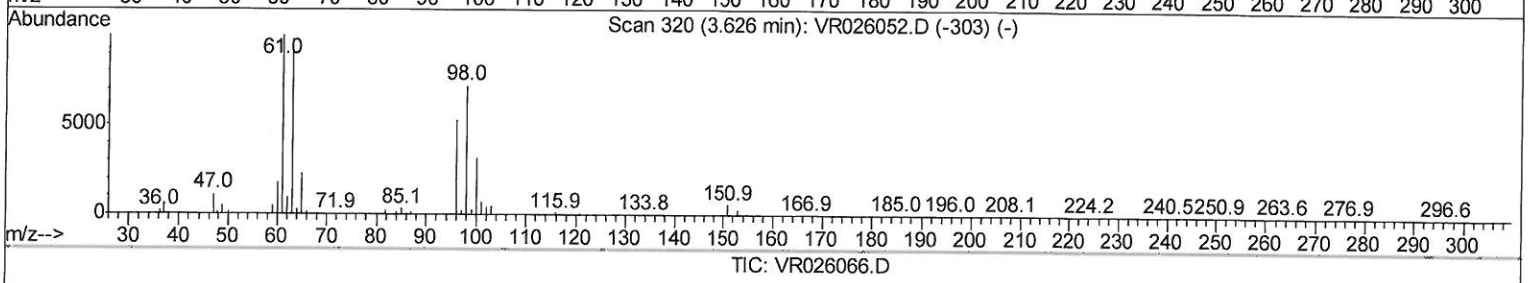
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 13 00:57:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM





TIC: VR026066.D

(12) 1,1-Dichloroethene (T)

3.626min (-0.000) 0.30ug/L

response 10958

Ion	Exp%	Act%
96.00	100	100
61.05	207.20	263.62
63.00	176.90	1212.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
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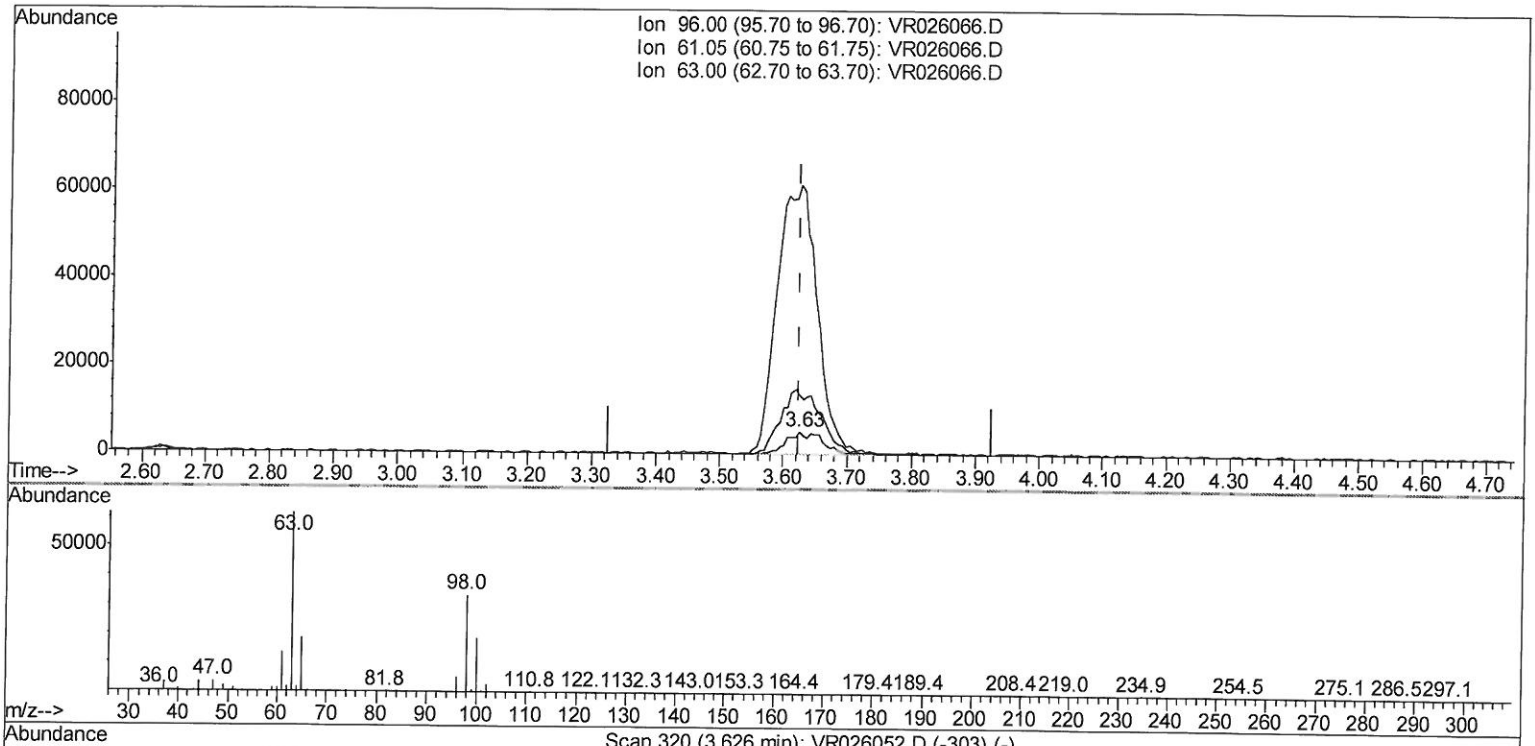
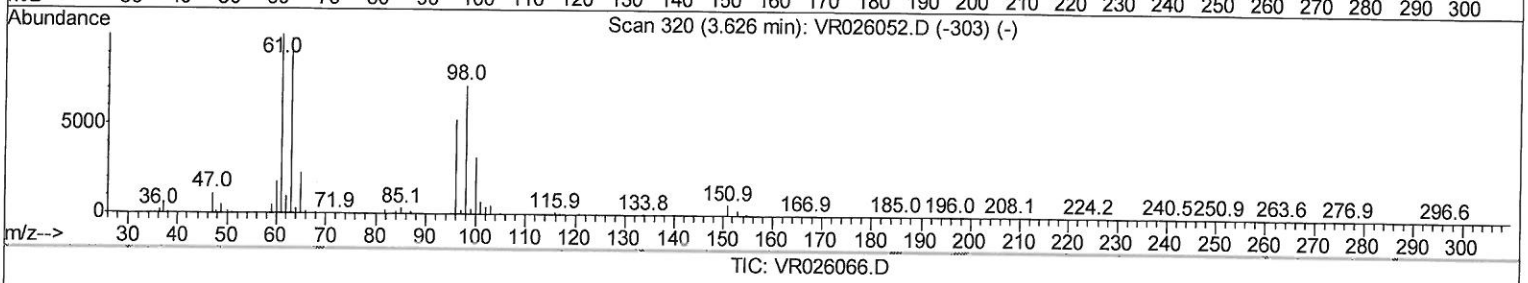
Quant Time: Oct 13 00:57:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM





TIC: VR026066.D

(12) 1,1-Dichloroethene (T)

3.626min (-0.000) 0.57ug/L m 10/15/18 SY

response 20567

Ion	Exp%	Act%
96.00	100	100
61.05	207.20	263.62
63.00	176.90	1212.70#
0.00	0.00	0.00

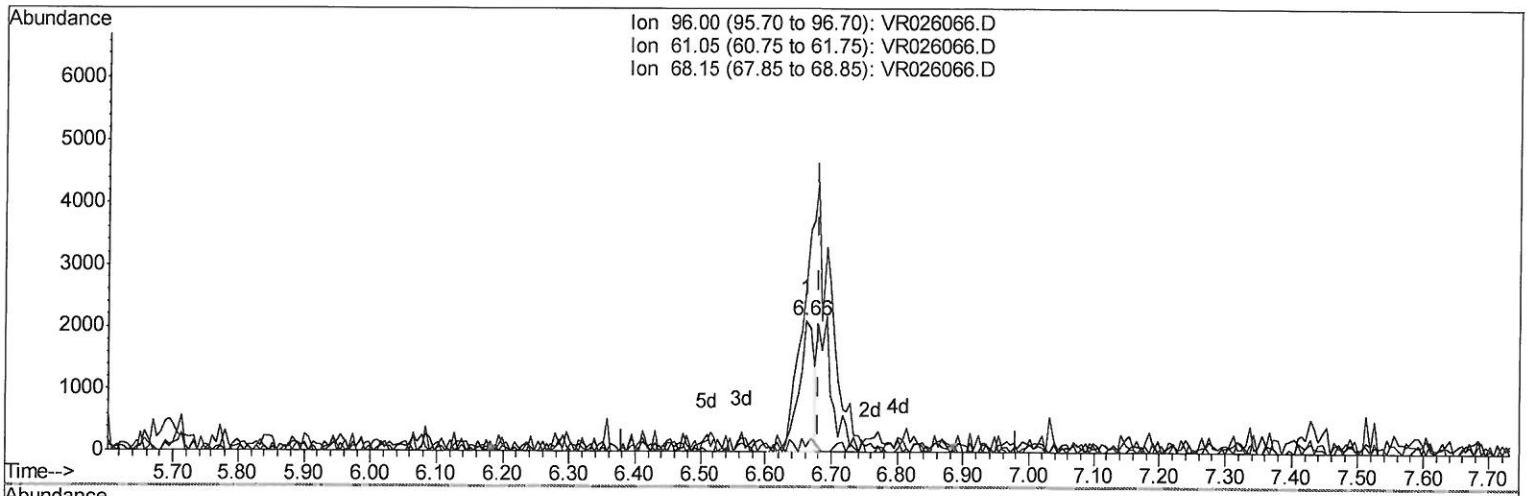
Quantitation Report (Qedit)

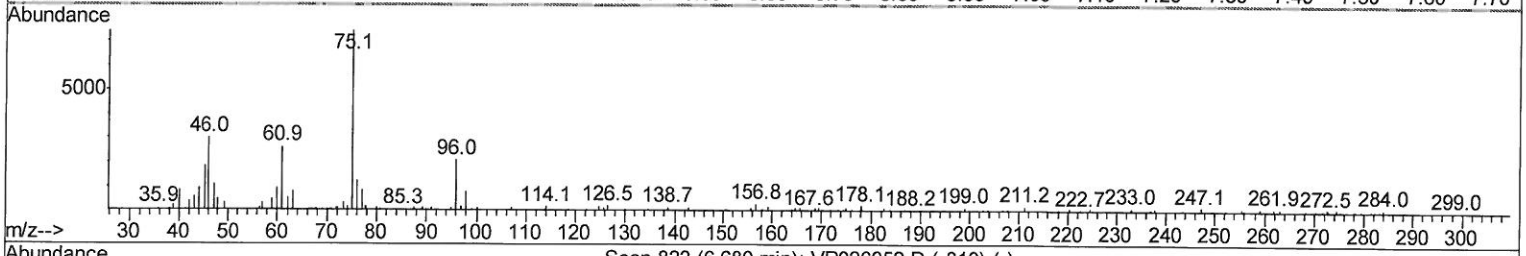
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

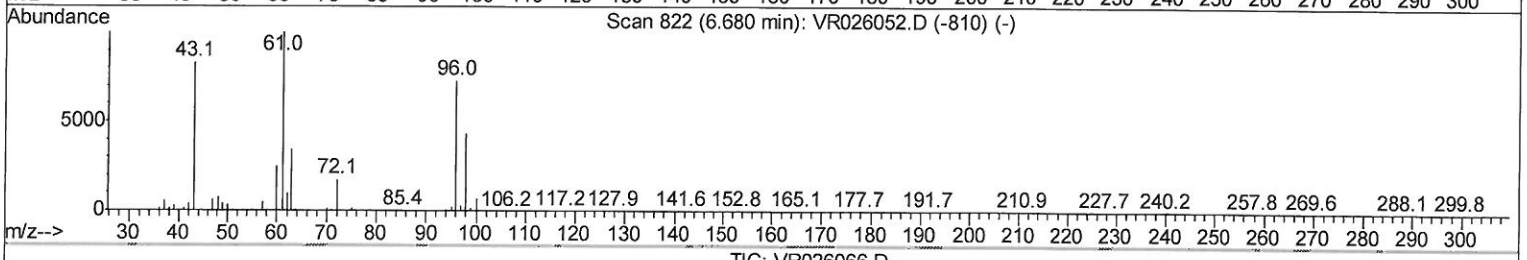
Quant Time: Oct 13 00:57:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM







TIC: VR026066.D

(22) cis-1,2-Dichloroethene (T)

6.661min (-0.018) 0.11ug/L

response 3306

Ion	Exp%	Act%
96.00	100	100
61.05	155.30	124.37
68.15	0.10	3.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
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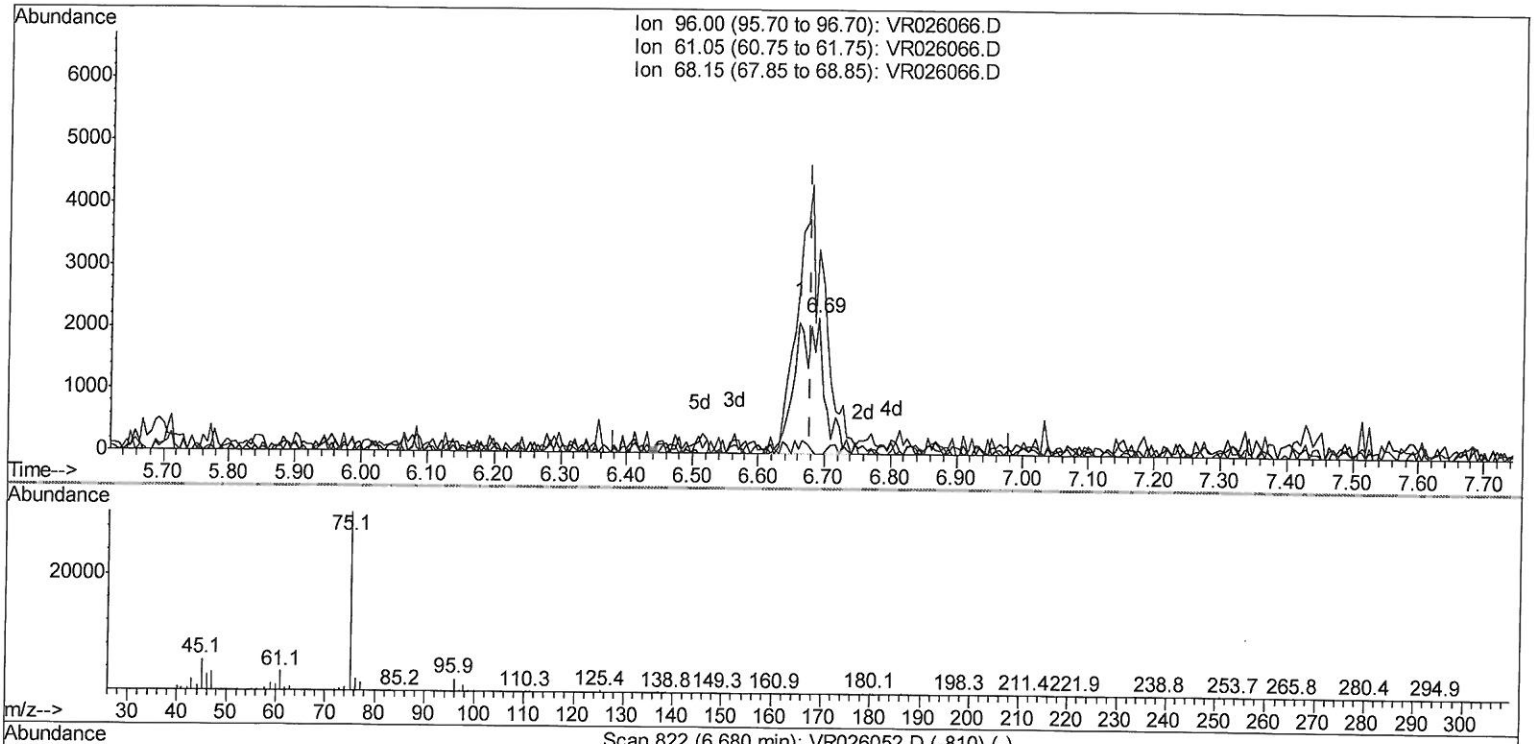
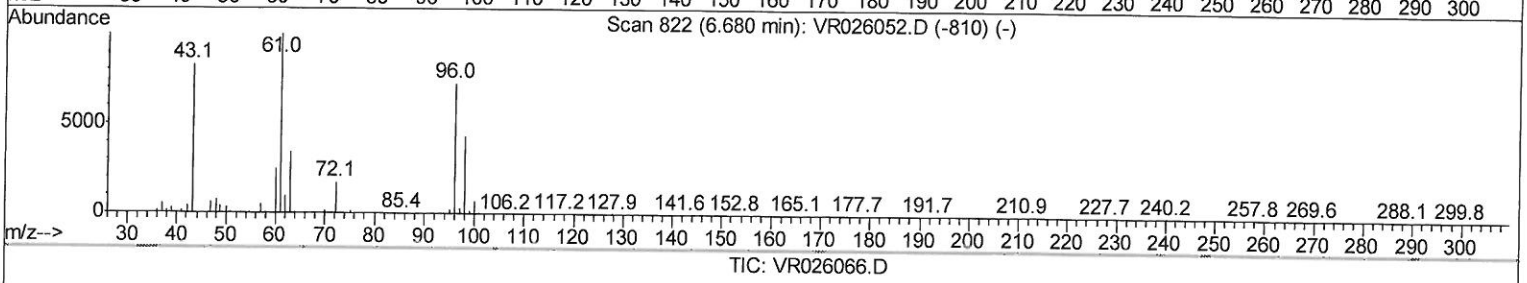
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM





TIC: VR026066.D

(22) cis-1,2-Dichloroethene (T)

6.692min (+0.012) 0.22ug/L m 10/15/18 SY

response 6582

Ion	Exp%	Act%
96.00	100	100
61.05	155.30	150.25
68.15	0.10	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
Acq On : 12 Oct 2018 17:44
Operator : SY/MD
Sample : J5315-17
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:36 AM

Quant Time: Oct 13 02:17:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	476262	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	412309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138320	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	144981	3.86	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	2.63	69	141194	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	3.63	63	268326	3.04	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	6.59	46	206716	49.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.74%			
24) Chloroform-d	7.20	84	262268	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.20%			
26) 1,2-Dichloroethane-d4	7.90	65	122024	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	7.85	84	471554	3.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.80%#			
36) 1,2-Dichloropropane-d6	8.90	67	144528	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.20%			
41) Toluene-d8	9.97	98	408076	3.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.40%#			
43) trans-1,3-Dichloropropene-	10.23	79	30494	3.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.80%			
46) 2-Hexanone-d5	10.59	63	160290	50.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.14%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63806	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	91041	4.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.20%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.93	101	17053m	0.300	ug/L	
12) 1,1-Dichloroethene	3.63	96	20567m	0.572	ug/L	
13) Acetone	3.70	43	10953	3.609	ug/L	76
22) cis-1,2-Dichloroethene	6.69	96	6582m	0.220	ug/L	
31) Carbon tetrachloride	7.63	117	10501	0.262	ug/L	89
34) Trichloroethene	8.71	95	79762	2.189	ug/L	92
47) Tetrachloroethene	10.51	164	84967	3.784	ug/L	95

10/17/18 SY

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