Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR110218\

Quantitation Report (Qedit)

Data File : VR026161.D
Acq On : 2 Nov 2018 15:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 06:44:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 26 23:25:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00581

Manual Integrations APPROVED
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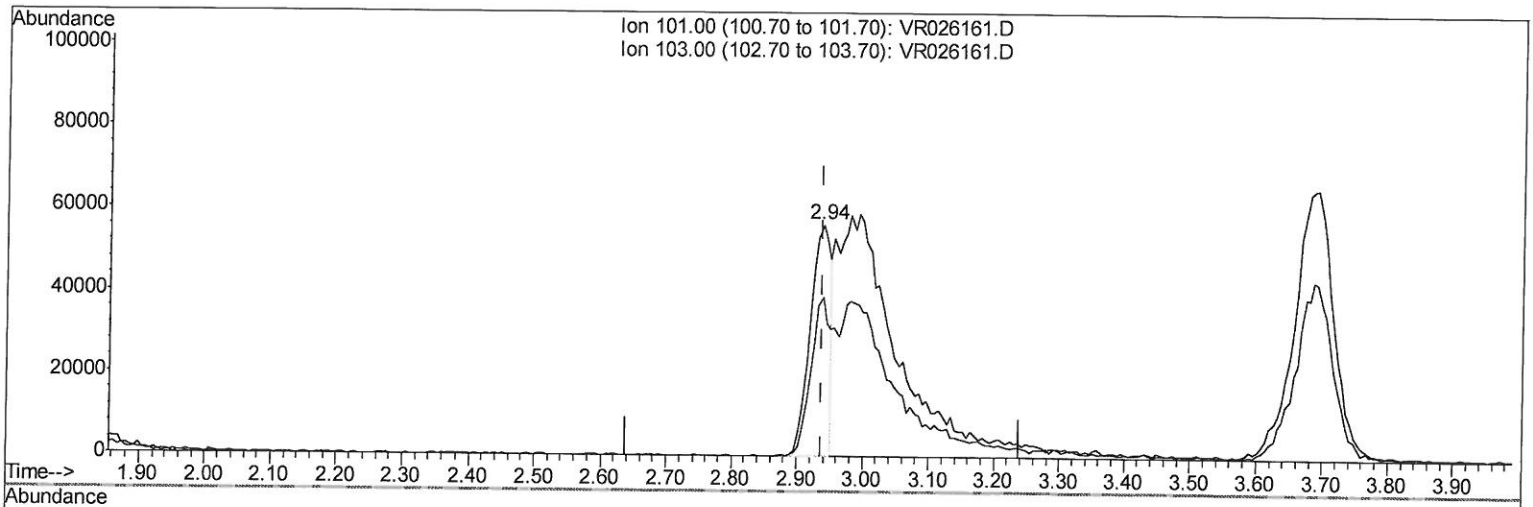
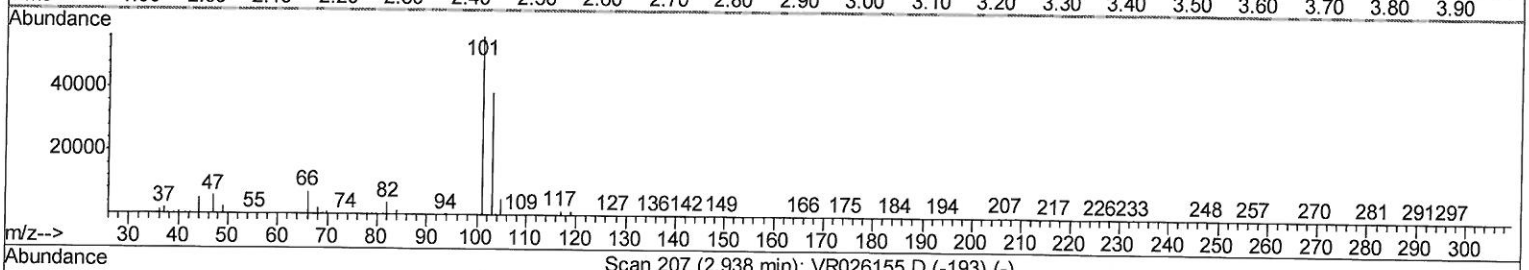
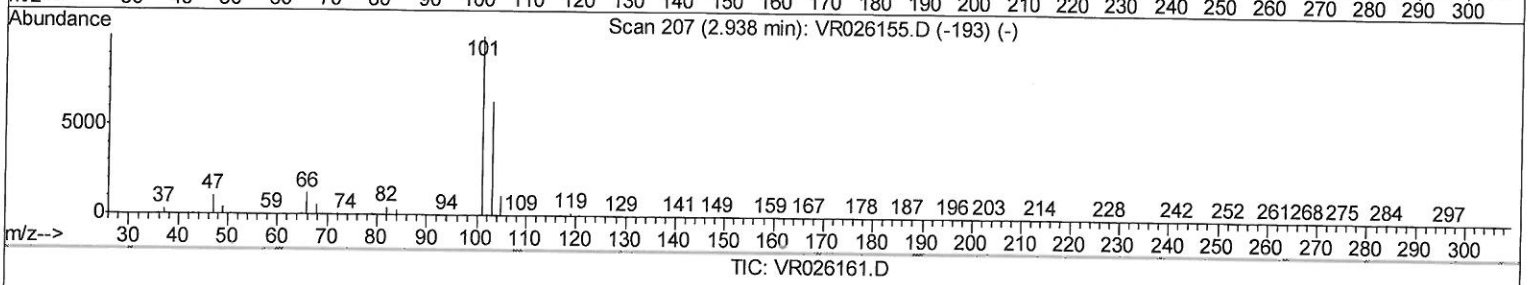
11/5/2018 11:14:22 AM







TIC: VR026161.D

(9) Trichlorofluoromethane (T)

2.938min (+0.000) 1.16ug/L

response 121386

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	81.69#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR110218\

Quantitation Report (Qedit)

Data File : VR026161.D
Acq On : 2 Nov 2018 15:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 06:44:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 26 23:25:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00581

Manual Integrations APPROVED
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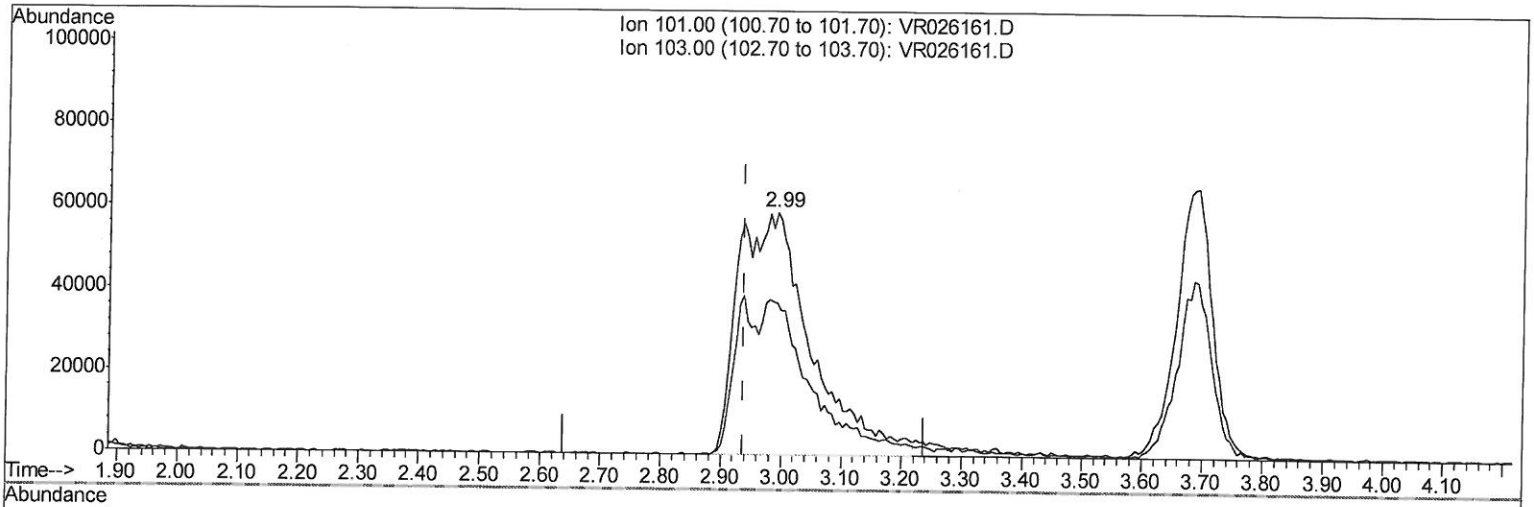
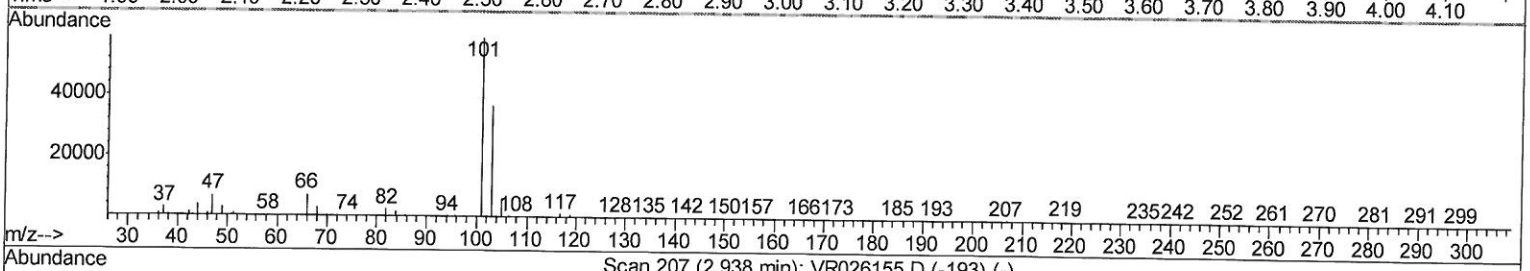
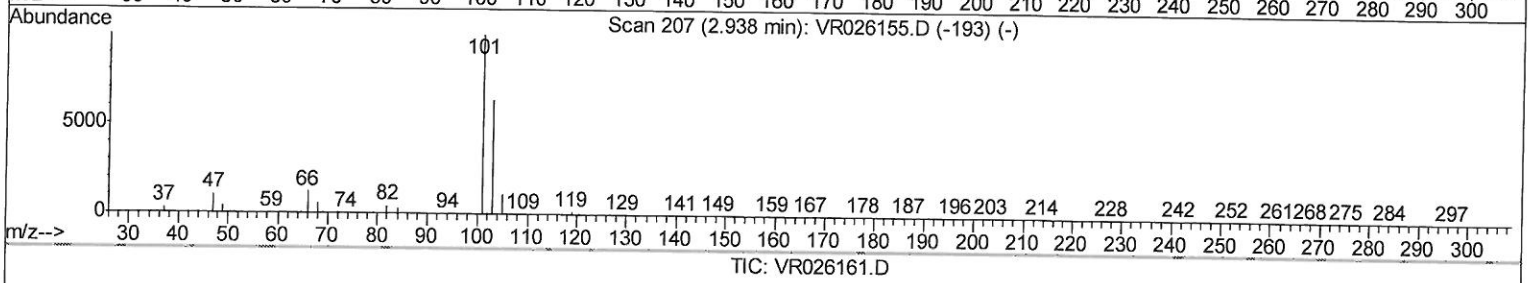
11/5/2018 11:14:22 AM







TIC: VR026161.D

(9) Trichlorofluoromethane (T)

2.993min (+0.055) 4.70ug/L m > 11/05/18 SY

response 490360

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	20.22#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110218\

Quantitation Report (QT Reviewed)

Data File : VR026161.D
Acq On : 2 Nov 2018 15:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 05:46:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 26 23:25:00 2018
Response via : Initial Calibration

Instrument : MSVOA_R
LabSampleId : VSTD00581

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	680773	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	605678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	242311	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	217124	3.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.80%			
7) Chloroethane-d5	2.63	69	195287	3.81	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.20%			
11) 1,1-Dichloroethene-d2	3.63	63	563804	3.85	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	6.59	46	246153	50.32	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.64%			
24) Chloroform-d	7.20	84	446501	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	7.90	65	179864	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	7.85	84	865032	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	8.90	67	225921	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	9.97	98	856096	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	10.24	79	65173	4.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.00%			
46) 2-Hexanone-d5	10.59	63	205463	53.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.98%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98363	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	176487	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	215240	4.707	ug/L	90
3) Chloromethane	2.02	50	306390	4.219	ug/L	97
5) Vinyl chloride	2.17	62	296294	4.096	ug/L	99
6) Bromomethane	2.53	94	192037	4.019	ug/L	94
8) Chloroethane	2.66	64	186801	4.167	ug/L	93
9) Trichlorofluoromethane	2.99	101	490360m	4.695	ug/L	11/05/18 87
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	269908	4.335	ug/L	99
12) 1,1-Dichloroethene	3.65	96	269444	4.070	ug/L	90
13) Acetone	3.70	43	246018	48.653	ug/L	98
14) Carbon disulfide	3.96	76	683910	3.952	ug/L	99
15) Methyl Acetate	4.20	43	57954	4.387	ug/L	98
16) Methylene chloride	4.42	84	237942	3.964	ug/L	91
17) Methyl tert-butyl Ether	4.90	73	316238	5.262	ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	245145	4.897	ug/L	98
19) 1,1-Dichloroethane	5.69	63	450758	4.796	ug/L	99
21) 2-Butanone	6.69	43	315086	54.014	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	241203	5.093	ug/L #	97
23) Bromochloromethane	7.06	128	67979	5.117	ug/L	87
25) Chloroform	7.23	83	453694	4.946	ug/L	93
27) 1,2-Dichloroethane	7.99	62	221711	4.938	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	396172	4.787	ug/L	98
30) Cyclohexane	7.52	56	394270	4.746	ug/L	99
31) Carbon tetrachloride	7.64	117	357708	4.753	ug/L	96

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Quantitation Report (QT Reviewed)

Data File : VR026161.D
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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 05:46:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 26 23:25:00 2018
Response via : Initial Calibration

Instrument : MSVOA_R
LabSampleId : VSTD00581

Manual Integrations APPROVED
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11/5/2018 11:14:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Benzene	7.91	78	1053754	4.637	ug/L		100
34) Trichloroethene	8.71	95	270680	4.653	ug/L		97
35) Methylcyclohexane	8.95	83	411325	4.750	ug/L		100
37) 1,2-Dichloropropane	9.00	63	226673	4.727	ug/L		99
38) Bromodichloromethane	9.28	83	261089	5.063	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	287416	5.237	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	773093	52.795	ug/L		99
42) Toluene	10.04	91	1146381	4.779	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	207424	5.410	ug/L		93
45) 1,1,2-Trichloroethane	10.45	97	102302	5.058	ug/L		99
47) Tetrachloroethene	10.51	164	196992	4.742	ug/L		97
48) 2-Hexanone	10.63	43	534345	55.871	ug/L		99
49) Dibromochloromethane	10.79	129	123500	5.426	ug/L		97
50) 1,2-Dibromoethane	10.89	107	84865	4.857	ug/L	#	86
51) Chlorobenzene	11.32	112	639644	4.817	ug/L		99
52) Ethylbenzene	11.39	91	1337614	4.849	ug/L		97
53) m,p-Xylene	11.50	106	494364	4.919	ug/L		98
54) o-Xylene	11.83	106	451680	4.902	ug/L		95
55) Styrene	11.84	104	702083	4.951	ug/L		99
56) Isopropylbenzene	12.13	105	1272937	4.974	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	100874	4.907	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	73786	4.889	ug/L		98
61) Bromoform	12.01	173	46311	5.499	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	382143	4.747	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	401704	4.819	ug/L		96
65) 1,2-Dichlorobenzene	13.53	146	315874	4.889	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.14	75	11907	4.524	ug/L		85
67) 1,3,5-Trichlorobenzene	14.29	180	242717	4.949	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	150349	5.252	ug/L		98
69) Naphthalene	15.00	128	144751	5.207	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	110677	5.566	ug/L		99

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

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Operator : SY/MD
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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

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