

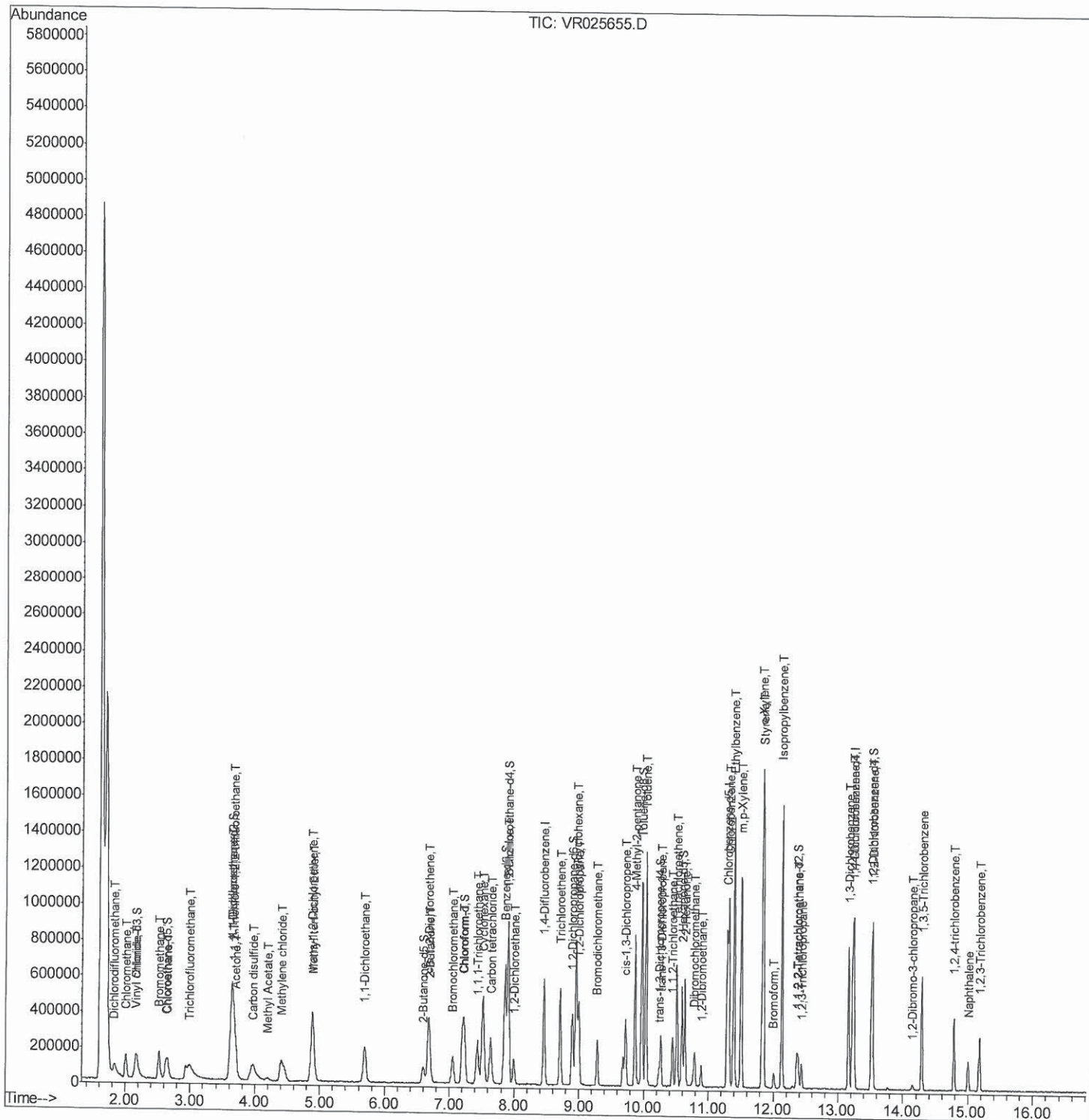
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
Data File : VR025655.D
Acq On : 29 Aug 2018 13:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00587

Manual Integrations
APPROVED

MMDadoda
8/30/2018 10:58:43 AM

Quant Time: Aug 30 06:41:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 06:51:48 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

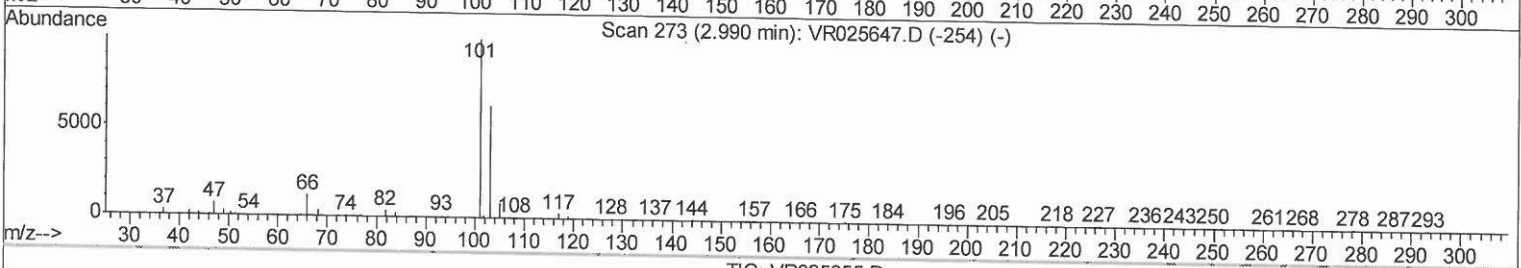
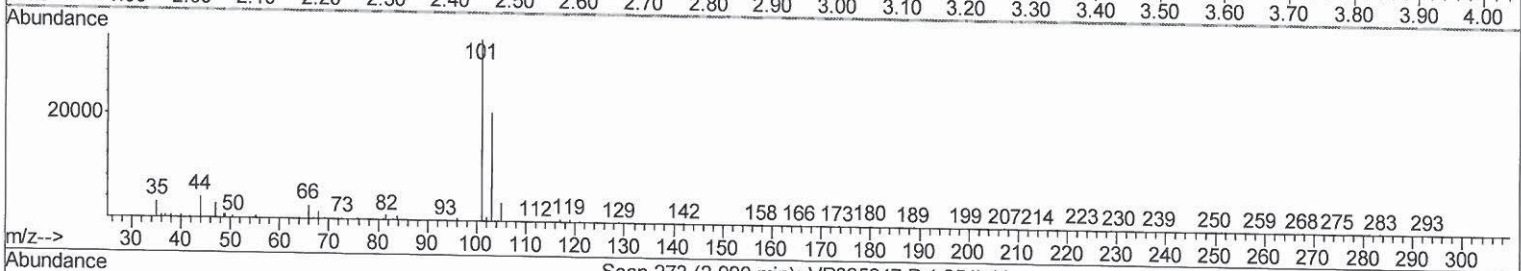
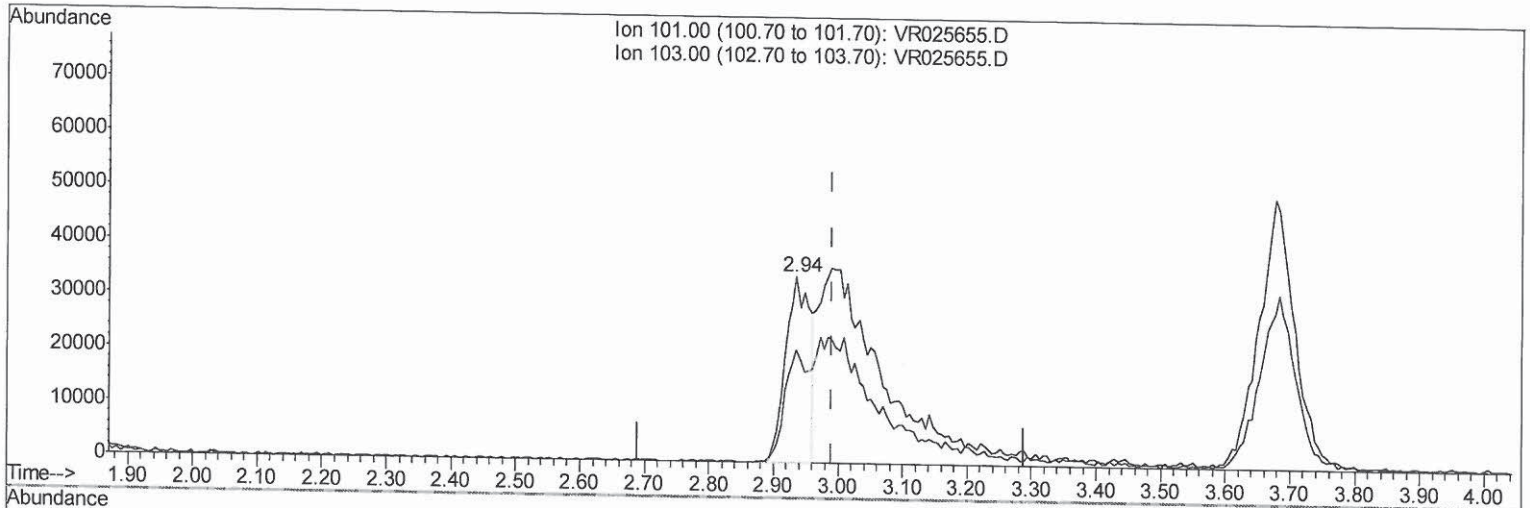
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
Data File : VR025655.D
Acq On : 29 Aug 2018 13:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampled :
VSTD00587

Manual Integrations
APPROVED

MMDadoda
8/30/2018 10:58:43 AM

Quant Time: Aug 30 06:40:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 06:51:48 2018
Response via : Initial Calibration



TIC: VR025655.D

(9) Trichlorofluoromethane (T)

2.935min (-0.055) 1.55ug/L

response 90778

Ion	Exp%	Act%
101.00	100	100
103.00	20.50	47.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

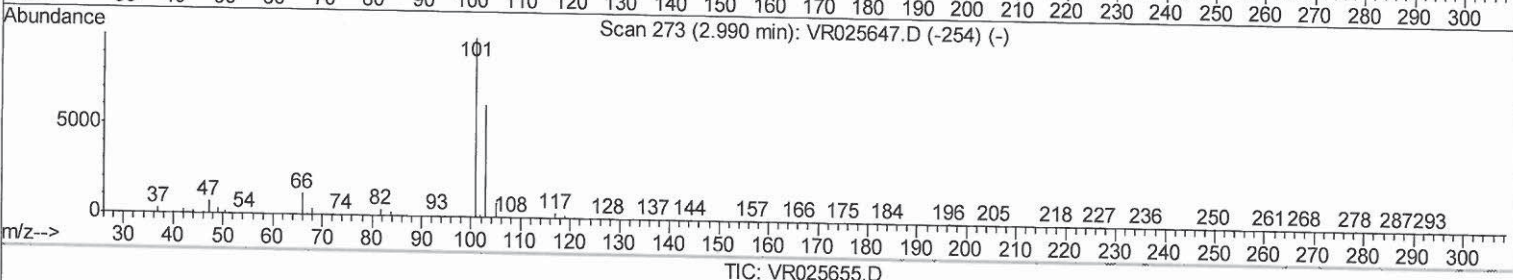
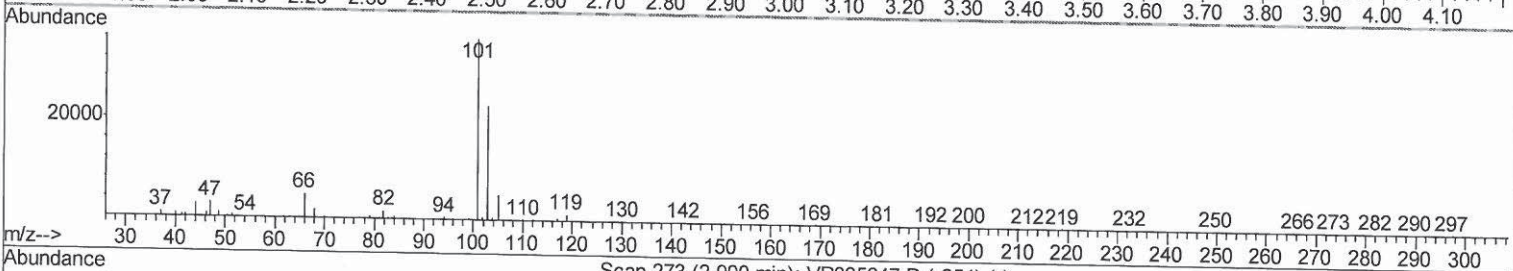
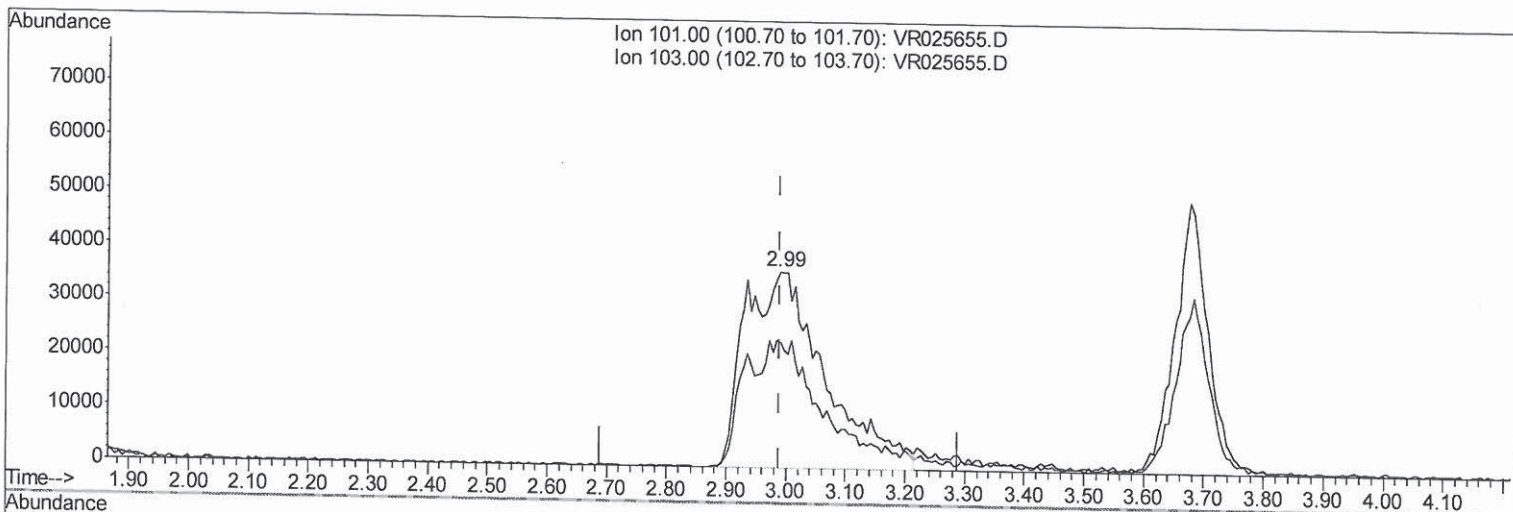
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025655.D
 Acq On : 29 Aug 2018 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00587

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 10:58:43 AM

Quant Time: Aug 30 06:40:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 06:51:48 2018
 Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.990min (+0.000) 5.72ug/L m

response 335647

Ion Exp% Act%

101.00 100 100

103.00 20.50 12.87#

0.00 0.00 0.00

0.00 0.00 0.00

08/30/18 SY

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025655.D
 Acq On : 29 Aug 2018 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00587

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 10:58:43 AM

Quant Time: Aug 30 06:41:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 Qlast Update : Wed Aug 29 06:51:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503798	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	432724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	175318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	160089	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.62	69	135016	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.63	63	390611	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	6.60	46	161393	64.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.18%
24) Chloroform-d	7.21	84	302030	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	7.89	65	105173	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.86	84	747069	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	8.90	67	202069	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	9.97	98	718408	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	10.24	79	45683	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	10.59	63	181027	65.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.02%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86966	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	149089	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	140479	5.034	ug/L 95
3) Chloromethane	2.01	50	185631	4.495	ug/L 98
5) Vinyl chloride	2.17	62	184871	4.572	ug/L 95
6) Bromomethane	2.52	94	128672	4.677	ug/L 96
8) Chloroethane	2.66	64	111202	4.471	ug/L 96
9) Trichlorofluoromethane	2.99	101	335647m	5.720	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	189797	5.308	ug/L 93
12) 1,1-Dichloroethene	3.65	96	181733	4.593	ug/L 82
13) Acetone	3.70	43	91962	59.073	ug/L 99
14) Carbon disulfide	3.97	76	417193	4.051	ug/L 98
15) Methyl Acetate	4.19	43	28481	4.839	ug/L # 82
16) Methylene chloride	4.40	84	152471	4.294	ug/L 85
17) Methyl tert-butyl Ether	4.90	73	205475	5.065	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	200829	4.806	ug/L 97
19) 1,1-Dichloroethane	5.69	63	306851	4.751	ug/L 98
21) 2-Butanone	6.69	43	188082	61.309	ug/L 99
22) cis-1,2-Dichloroethene	6.68	96	192514	5.361	ug/L # 97

8/30/18 JY

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025655.D
 Acq On : 29 Aug 2018 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00587

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 10:58:43 AM

Quant Time: Aug 30 06:41:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 06:51:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	58963	5.357	ug/L	86
25) Chloroform	7.23	83	283825	5.059	ug/L	100
27) 1,2-Dichloroethane	8.00	62	112256	5.350	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	205116	4.872	ug/L	99
30) Cyclohexane	7.52	56	294933	5.445	ug/L	99
31) Carbon tetrachloride	7.64	117	206020	5.576	ug/L	100
33) Benzene	7.91	78	819916	5.188	ug/L	100
34) Trichloroethene	8.71	95	180838	4.996	ug/L	97
35) Methylcyclohexane	8.96	83	348895	5.925	ug/L	100
37) 1,2-Dichloropropane	8.99	63	180227	5.195	ug/L #	97
38) Bromodichloromethane	9.28	83	161883	5.347	ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	201168	5.658	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	518274	61.676	ug/L	100
42) Toluene	10.03	91	865383	5.581	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	138006	5.500	ug/L	98
45) 1,1,2-Trichloroethane	10.44	97	83335	5.445	ug/L	95
47) Tetrachloroethene	10.52	164	151859	5.486	ug/L	94
48) 2-Hexanone	10.64	43	356998	60.945	ug/L	98
49) Dibromochloromethane	10.78	129	91290	5.535	ug/L	98
50) 1,2-Dibromoethane	10.89	107	67786	5.590	ug/L #	87
51) Chlorobenzene	11.31	112	512099	5.305	ug/L	98
52) Ethylbenzene	11.39	91	946650	5.718	ug/L	97
53) m,p-Xylene	11.50	106	380749	5.742	ug/L	98
54) o-Xylene	11.83	106	342927	5.805	ug/L	100
55) Styrene	11.85	104	557166	5.838	ug/L	100
56) Isopropylbenzene	12.13	105	900522	6.013	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	82636	5.224	ug/L #	94
59) 1,2,3-Trichloropropane	12.44	75	54928	5.107	ug/L	94
61) Bromoform	12.01	173	35455	5.033	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	288625	5.326	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	320677	5.326	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	250314	5.364	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	6298	4.985	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.29	180	183149	5.980	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	107651	5.664	ug/L	100
69) Naphthalene	15.00	128	119932	5.110	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	88349	5.979	ug/L	99

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