Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (Qedit)

Data File : VR025770.D
Acq On : 20 Sep 2018 10:54
Operator : SY/MD
Sample : VSTD0.509
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 20 12:34:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.509

Manual Integrations APPROVED

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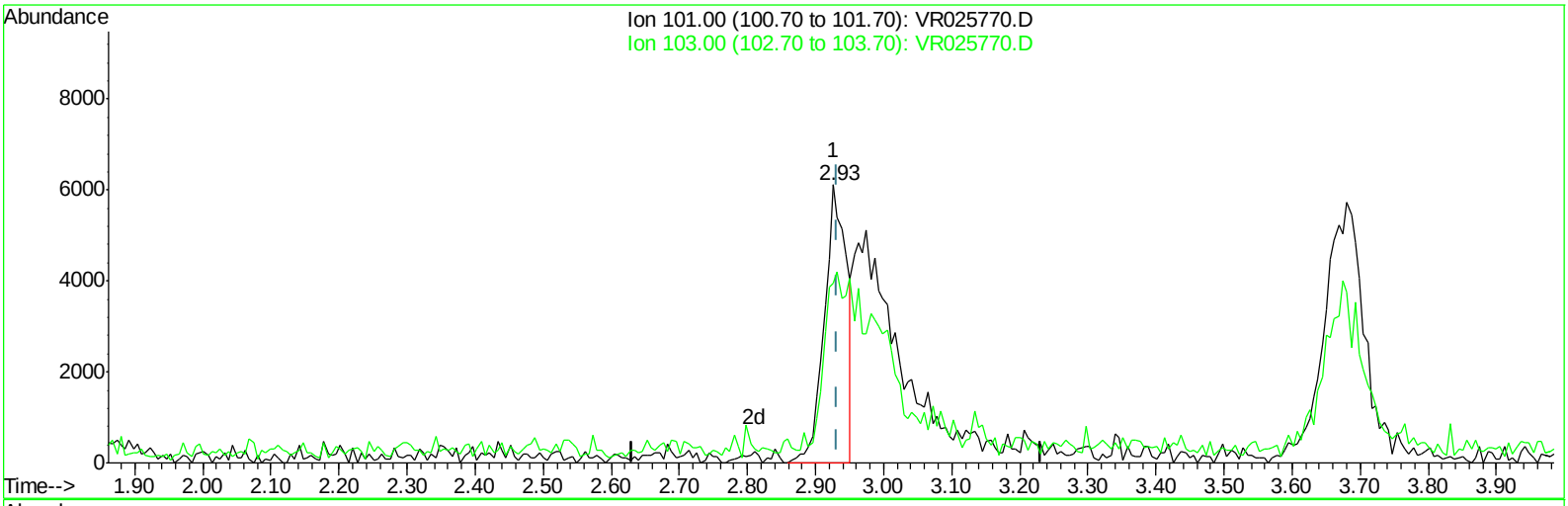
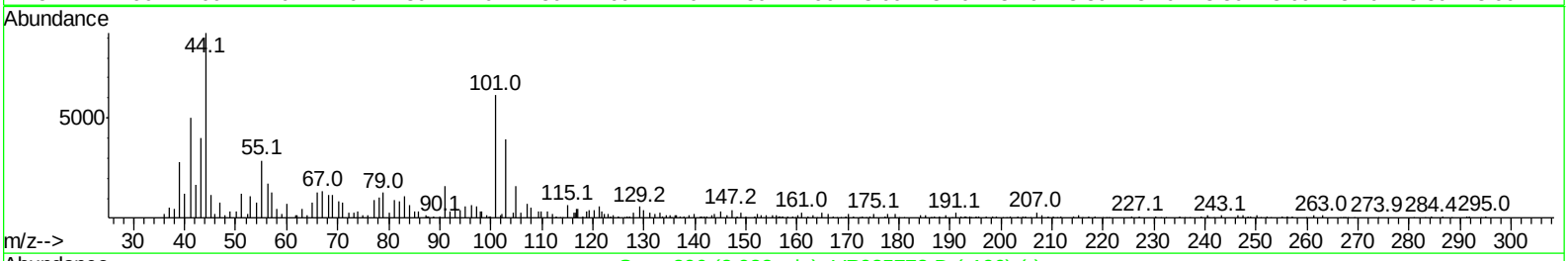
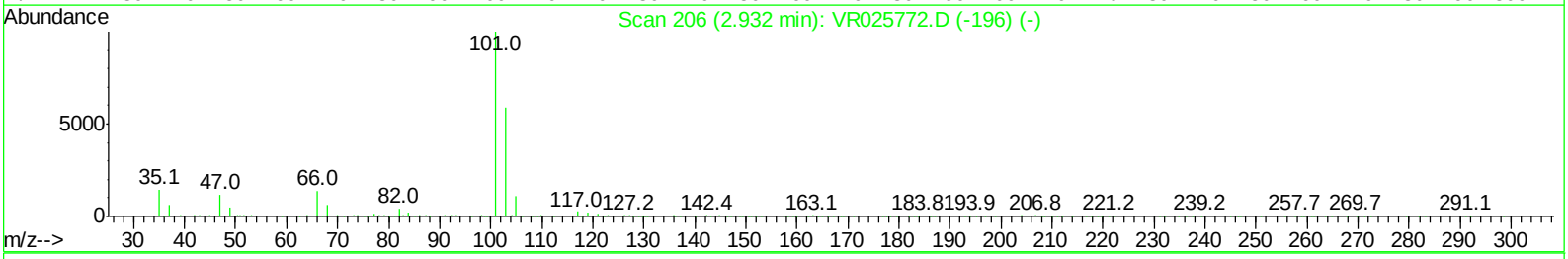
9/24/2018 5:09:15 PM







TIC: VR025770.D

(9) Trichlorofluoromethane (T)

2.926min (-0.006) 0.20ug/L

response 14021

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	100.61#
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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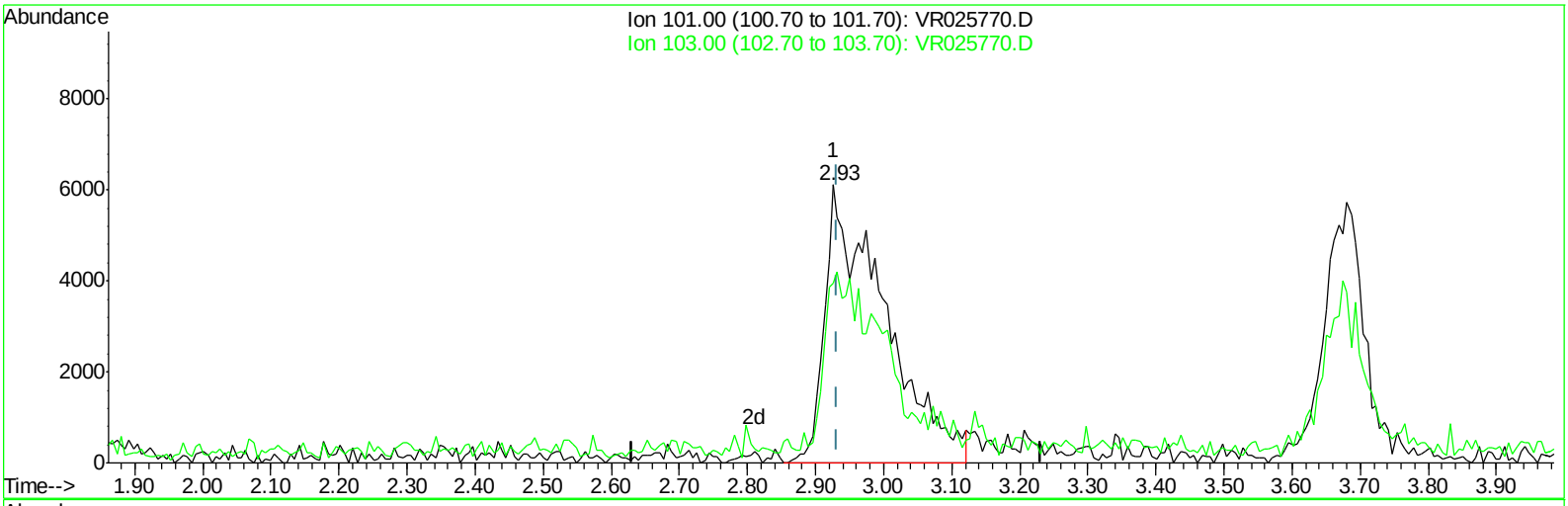
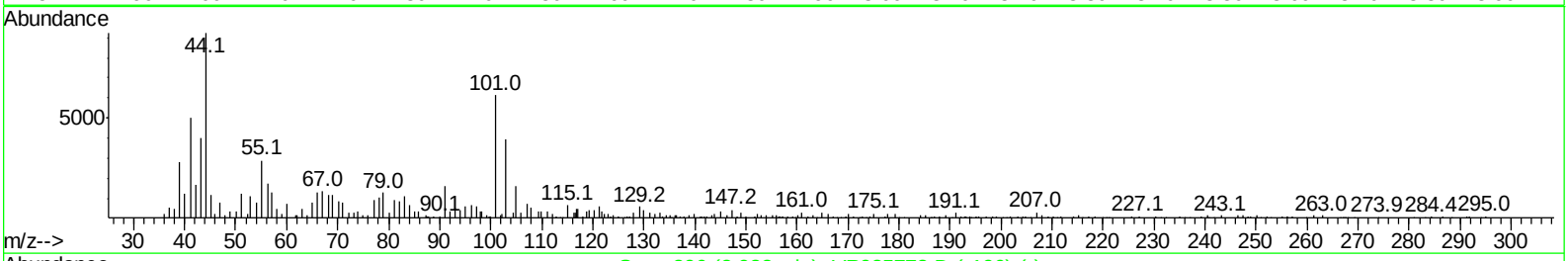
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

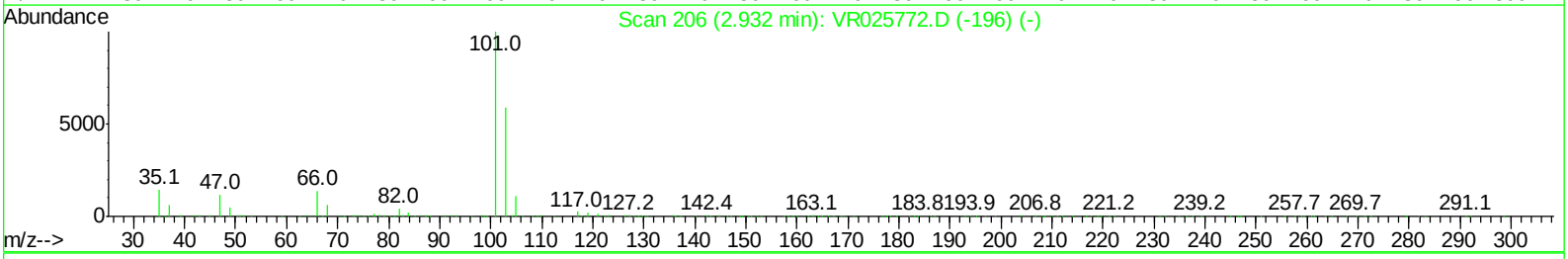
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.509

Manual Integrations APPROVED

MMDadoda
9/24/2018 5:09:15 PM







TIC: VR025770.D

(9) Trichlorofluoromethane (T)

2.926min (-0.006) 0.53ug/L m

response 37125

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	38.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (Qedit)

Data File : VR025770.D
Acq On : 20 Sep 2018 10:54
Operator : SY/MD
Sample : VSTD0.509
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 20 12:34:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.509

Manual Integrations APPROVED

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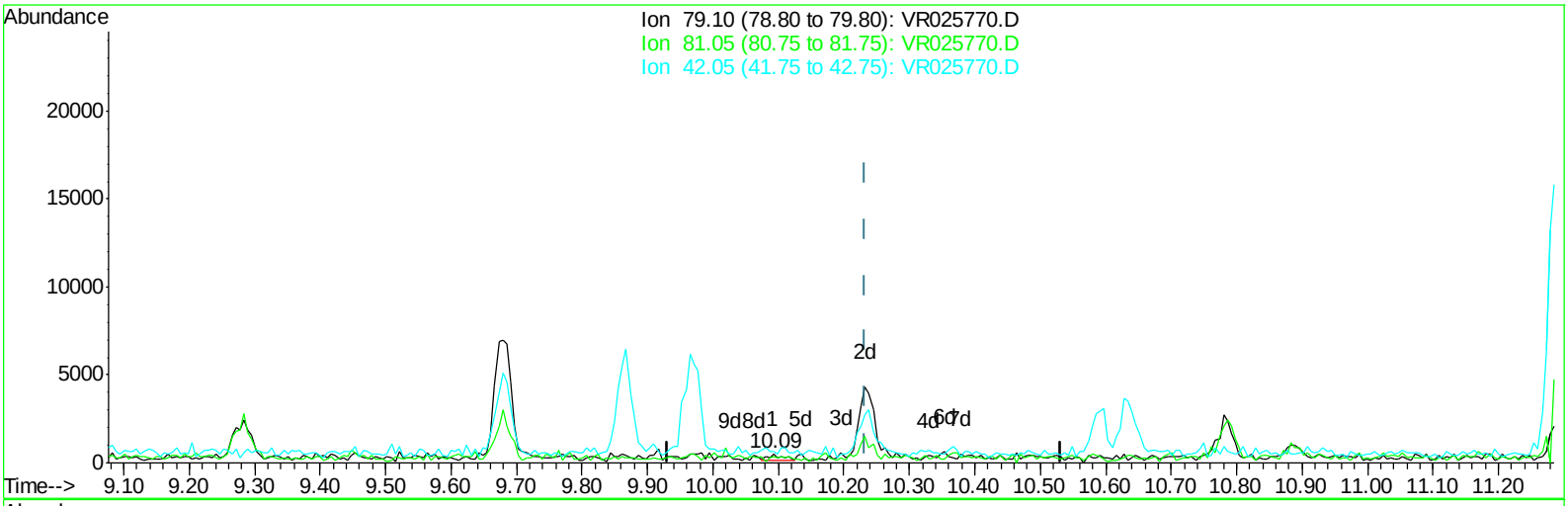
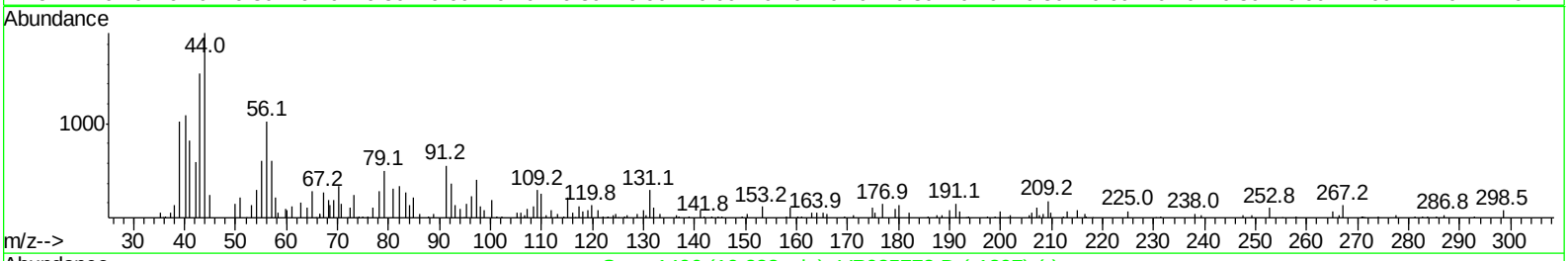
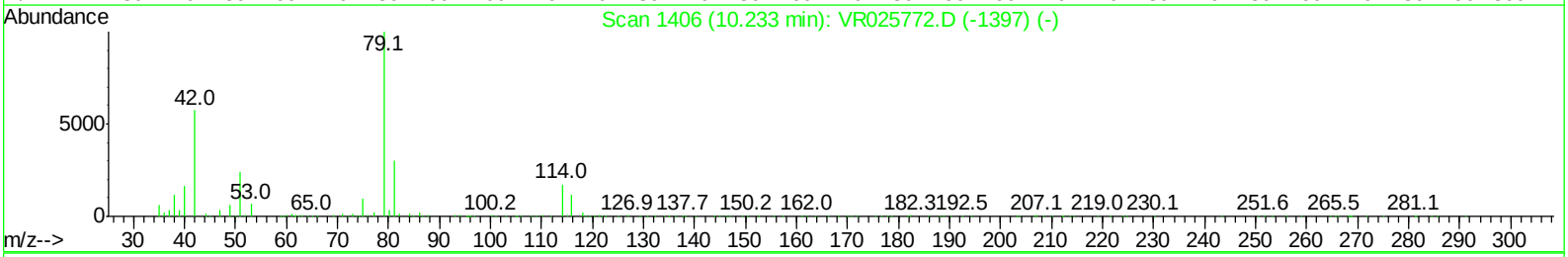






TIC: VR025770.D

(43) trans-1,3-Dichloropropene-d4 (S)

10.093min (-0.140) 0.07ug/L

response 609

Ion	Exp%	Act%
79.10	100	100
81.05	31.60	38.10
42.05	56.50	54.68
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (Qedit)

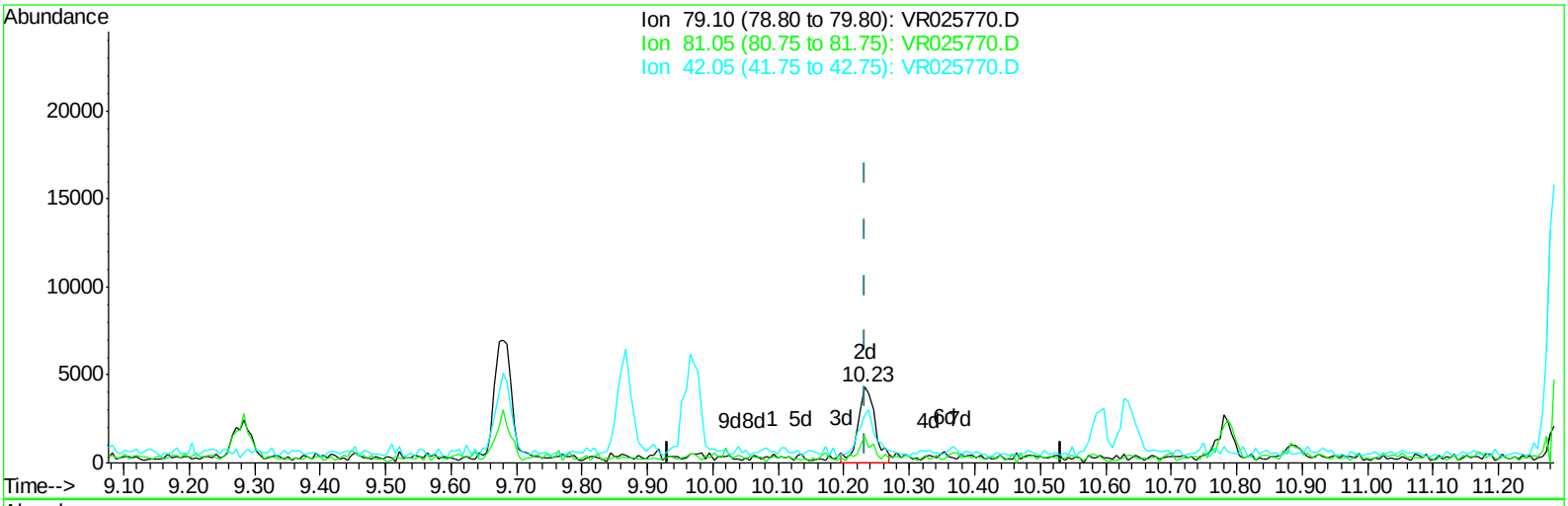
Data File : VR025770.D
Acq On : 20 Sep 2018 10:54
Operator : SY/MD
Sample : VSTD0.509
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

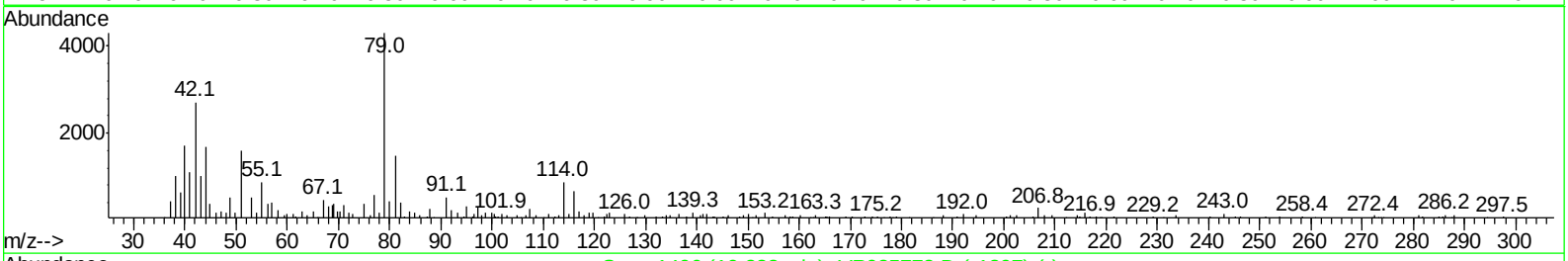
Quant Time: Sep 20 12:34:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

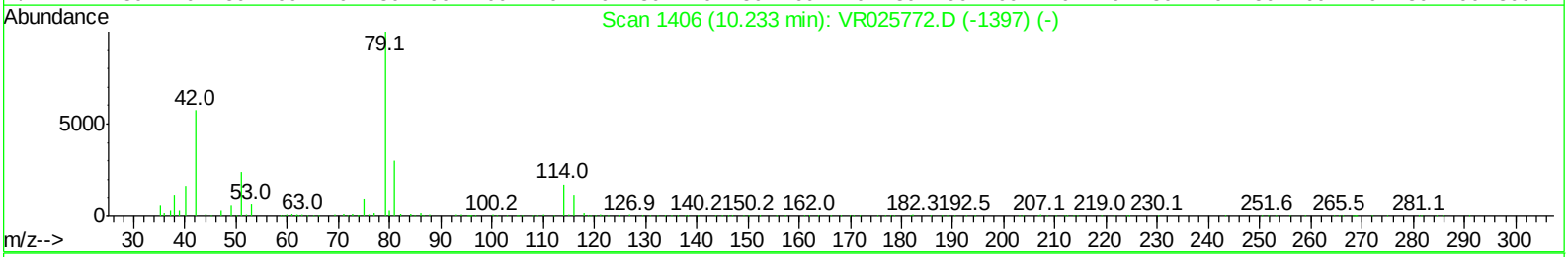
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.509

Manual Integrations APPROVED

MMDadoda
9/24/2018 5:09:15 PM







TIC: VR025770.D

(43) trans-1,3-Dichloropropene-d4 (S)

10.233min (-0.000) 0.89ug/L m

response 7771

Ion	Exp%	Act%
79.10	100	100
81.05	31.60	2.99#
42.05	56.50	4.29#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR092018\

Quantitation Report (QT Reviewed)

Data File : VR025770.D
Acq On : 20 Sep 2018 10:54
Operator : SY/MD
Sample : VSTD0.509
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD0.509

Manual Integrations APPROVED
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9/24/2018 5:09:15 PM

Quant Time: Sep 20 12:38:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608443	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.28	117	484786	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	177704	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	15480	0.59	ug/L		0.00
7) Chloroethane-d5	2.62	69	16295	0.75	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.62	63	39300	0.54	ug/L		0.00
20) 2-Butanone-d5	6.58	46	23301	8.73	ug/L		0.00
24) Chloroform-d	7.21	84	36078	0.60	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.89	65	14935	0.73	ug/L		0.00
32) Benzene-d6	7.85	84	63286	0.48	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.89	67	19230	0.54	ug/L		0.00
41) Toluene-d8	9.97	98	52676	0.42	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.23	79	7771m	0.89	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	21278	8.16	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	9728	0.63	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	12666	0.50	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	35183	1.134	ug/L		91
3) Chloromethane	2.01	50	37132	0.975	ug/L	#	81
5) Vinyl chloride	2.16	62	34507	0.912	ug/L		99
6) Bromomethane	2.52	94	18555	0.685	ug/L		85
8) Chloroethane	2.66	64	19336	0.870	ug/L		91
9) Trichlorofluoromethane	2.93	101	37125m	0.532	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	23286	0.619	ug/L		92
12) 1,1-Dichloroethene	3.64	96	25617	0.645	ug/L	#	72
13) Acetone	3.69	43	14854	8.254	ug/L		72
14) Carbon disulfide	3.92	76	84167	0.899	ug/L	#	94
15) Methyl Acetate	4.18	43	4391	0.684	ug/L	#	81
16) Methylene chloride	4.40	84	23648	0.673	ug/L		86
17) Methyl tert-butyl Ether	4.89	73	45319	0.928	ug/L		92
18) trans-1,2-Dichloroethene	4.88	96	31953	0.659	ug/L		87
19) 1,1-Dichloroethane	5.69	63	63728	0.852	ug/L		100
21) 2-Butanone	6.68	43	33147	8.728	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	31007	0.735	ug/L	#	83
23) Bromochloromethane	7.05	128	8221	0.568	ug/L		79
25) Chloroform	7.23	83	58641	0.858	ug/L		97
27) 1,2-Dichloroethane	7.99	62	28583	1.060	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	54808	1.135	ug/L		97
30) Cyclohexane	7.51	56	62918	1.084	ug/L		97
31) Carbon tetrachloride	7.63	117	50238	1.073	ug/L		94
33) Benzene	7.90	78	125033	0.724	ug/L		100
34) Trichloroethene	8.71	95	34833	0.832	ug/L		94
35) Methylcyclohexane	8.95	83	59000	0.913	ug/L		94
37) 1,2-Dichloropropane	9.00	63	28180	0.724	ug/L		100
38) Bromodichloromethane	9.28	83	33697	0.964	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	39403	0.990	ug/L		94
40) 4-Methyl-2-pentanone	9.87	43	95151	9.886	ug/L		99

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Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

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9/24/2018 5:09:15 PM

Quant Time: Sep 20 12:38:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.03	91	126570	0.716	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	28374	1.013	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	11808	0.647	ug/L		94
47) Tetrachloroethene	10.51	164	20851	0.608	ug/L		93
48) 2-Hexanone	10.63	43	61136	9.057	ug/L		94
49) Dibromochloromethane	10.79	129	14571	0.750	ug/L		95
50) 1,2-Dibromoethane	10.88	107	10521	0.726	ug/L	#	95
51) Chlorobenzene	11.32	112	71966	0.648	ug/L		98
52) Ethylbenzene	11.39	91	159053	0.835	ug/L		94
53) m,p-Xylene	11.50	106	56102	0.732	ug/L		100
54) o-Xylene	11.83	106	52004	0.770	ug/L		99
55) Styrene	11.84	104	77515	0.713	ug/L		91
56) Isopropylbenzene	12.13	105	146090	0.868	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.39	83	13535	0.762	ug/L		97
59) 1,2,3-Trichloropropane	12.43	75	10185	0.852	ug/L		94
61) Bromoform	12.00	173	5511	0.725	ug/L	#	87
62) 1,3-Dichlorobenzene	13.16	146	43725	0.788	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	41111	0.651	ug/L		96
65) 1,2-Dichlorobenzene	13.53	146	31957	0.667	ug/L		93
66) 1,2-Dibromo-3-chloropropan	14.15	75	2458	1.745	ug/L	#	82
67) 1,3,5-Trichlorobenzene	14.29	180	24883	0.754	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	16906	0.835	ug/L		98
69) Naphthalene	15.00	128	22987	1.015	ug/L	#	93
70) 1,2,3-Trichlorobenzene	15.18	180	11681	0.729	ug/L		96

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

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MMDadoda
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