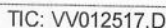


Quantitation Report (QT Reviewed)

Quant Time: Sep 03 01:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 01:44:55 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda



Data File : VV012517.D

Acq On : 02 Sep 2019 09:46

Operator : SY/MD

Sample : VSTD00131

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 03 01:47:54 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Sep 03 01:44:55 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

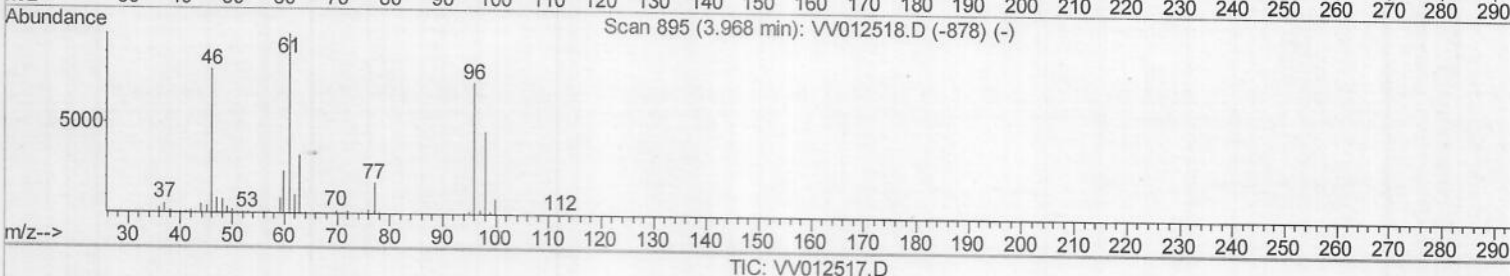
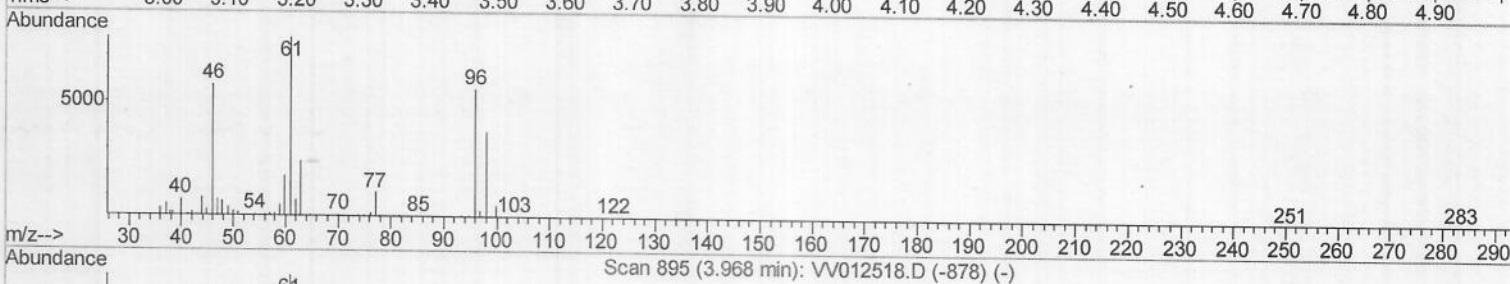
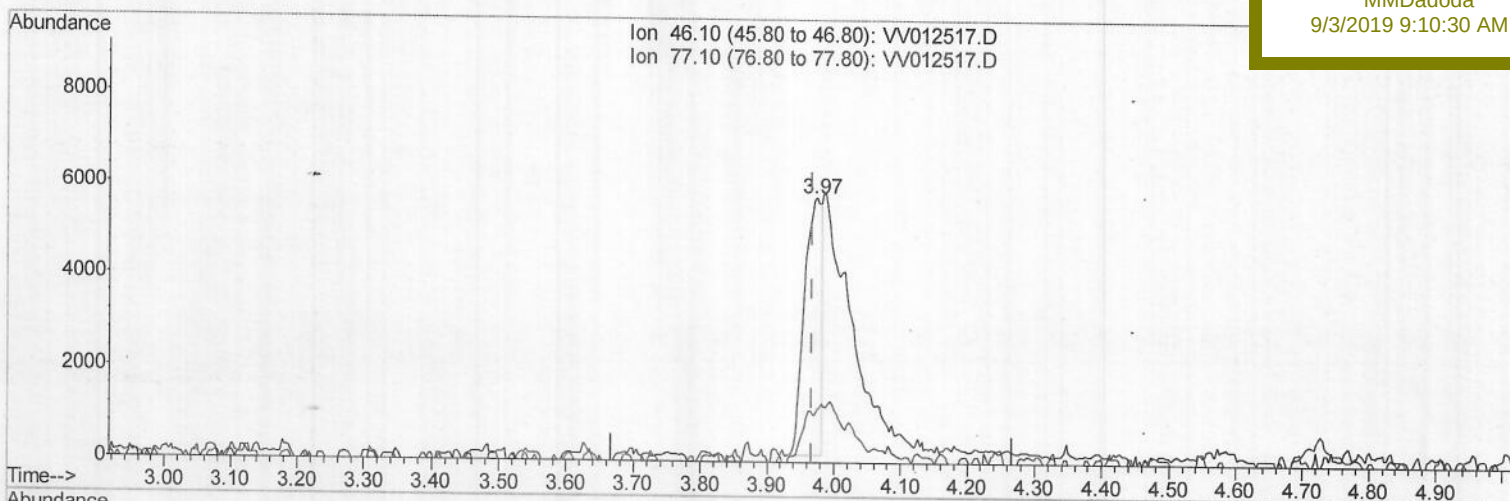
VSTD00131

Manual Integrations

APPROVED

MMDadoda

9/3/2019 9:10:30 AM



(20) 2-Butanone-d5 (S)

3.974min (+0.006) 3.23ug/L

response 9848

Ion	Exp%	Act%
-----	------	------

46.10	100	100
-------	-----	-----

77.10	20.60	2.05#
-------	-------	-------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data File : VV012517.D

Acq On : 02 Sep 2019 09:46

Operator : SY/MD

Sample : VSTD00131

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 03 01:47:54 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Sep 03 01:44:55 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sample ID :

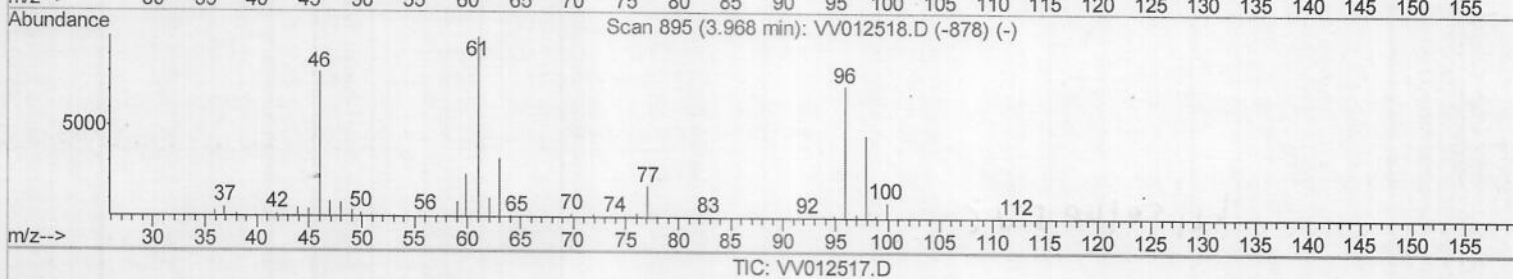
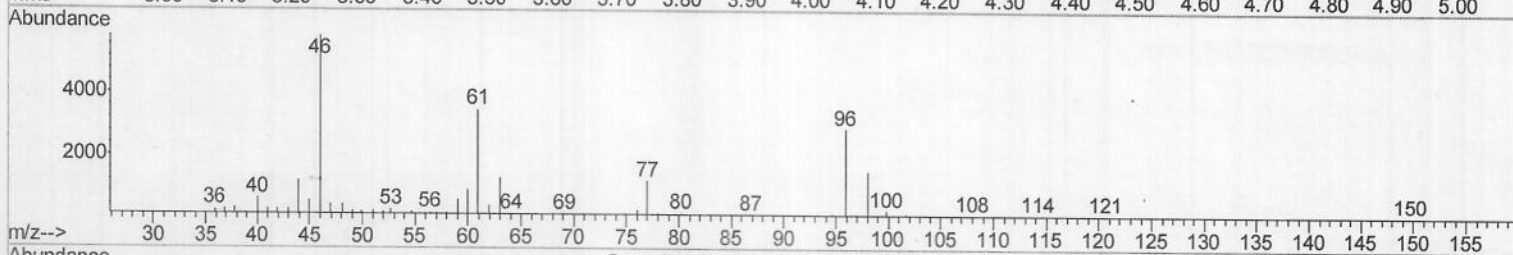
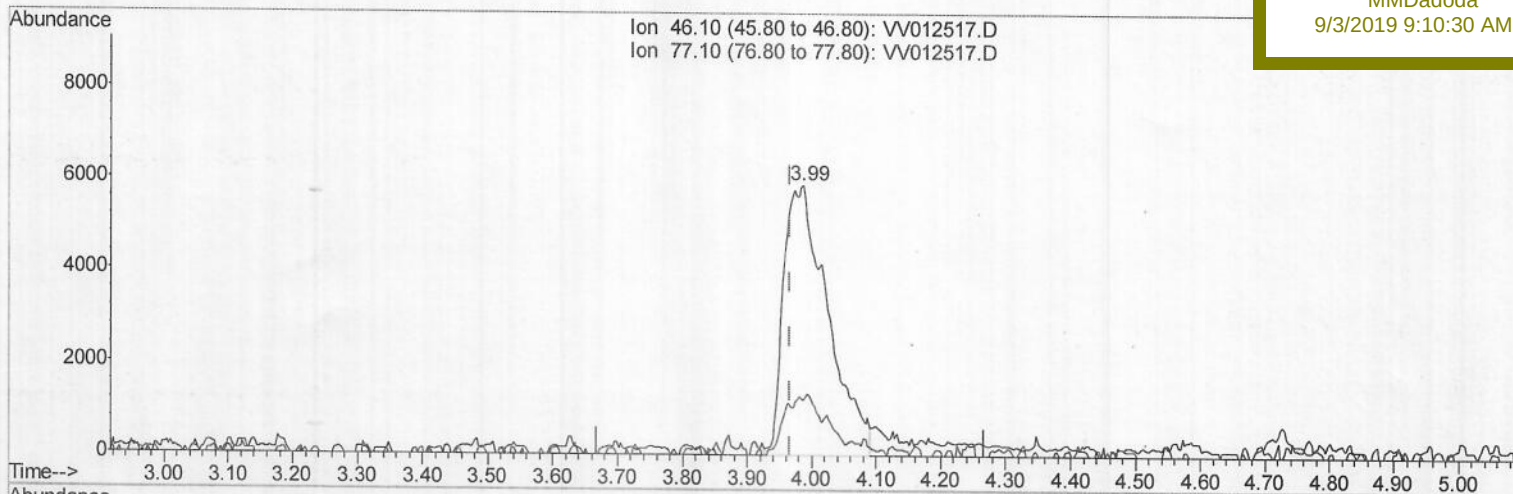
VSTD00131

Manual Integrations

APPROVED

MMDadoda

9/3/2019 9:10:30 AM



(20) 2-Butanone-d5 (S)

3.987min (+0.019) 9.16ug/L m) MPO9107119

response 27913

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	0.72#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012517.D

Acq On : 02 Sep 2019 09:46

Operator : SY/MD

Sample : VSTD00131

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 03 01:57:04 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Sep 03 01:44:55 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sampled :

VSTD00131

Manual Integrations

APPROVED

MMDadoda

9/3/2019 9:10:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	167411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16225	1.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	15707	1.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	42217	1.53	ug/L	0.00
20) 2-Butanone-d5	3.99	46	27913m	9.16	ug/L	0.02
24) Chloroform-d	4.40	84	25081	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13000	1.04	ug/L	0.00
32) Benzene-d6	5.10	84	44732	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14130	0.93	ug/L	0.00
41) Toluene-d8	7.36	98	39994	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5129	0.96	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	15154	7.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	9831	0.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	13946	0.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25043	1.141	ug/L 99
3) Chloromethane	1.25	50	29324	1.279	ug/L 97
5) Vinyl chloride	1.32	62	31755	1.423	ug/L 99
6) Bromomethane	1.54	94	17761	1.433	ug/L 98
8) Chloroethane	1.60	64	20927	1.651	ug/L 96
9) Trichlorofluoromethane	1.77	101	47178	1.568	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	27479	1.780	ug/L 98
12) 1,1-Dichloroethene	2.14	96	25057	1.714	ug/L 97
13) Acetone	2.23	43	49877	18.743	ug/L 96
14) Carbon disulfide	2.32	76	81341	1.814	ug/L 100
15) Methyl Acetate	2.47	43	12548	1.896	ug/L 94
16) Methylene chloride	2.53	84	28749	1.715	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	40597	1.154	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	19305	1.177	ug/L 97
19) 1,1-Dichloroethane	3.23	63	37874	1.184	ug/L 99
21) 2-Butanone	4.05	43	43296	10.586	ug/L # 67
22) cis-1,2-Dichloroethene	3.96	96	19979	1.174	ug/L 88
23) Bromochloromethane	4.30	128	8116	1.113	ug/L 90
25) Chloroform	4.43	83	39979	1.194	ug/L 93
27) 1,2-Dichloroethane	5.18	62	22284	1.169	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	30675	1.176	ug/L 100
30) Cyclohexane	4.72	56	29491	1.110	ug/L 99
31) Carbon tetrachloride	4.87	117	26912	1.173	ug/L 99
33) Benzene	5.14	78	73639	1.098	ug/L 100
34) Trichloroethene	5.96	95	21034	1.225	ug/L 98
35) Methylcyclohexane	6.17	83	29605	1.134	ug/L 98
37) 1,2-Dichloropropane	6.22	63	21091	1.215	ug/L # 94
38) Bromodichloromethane	6.55	83	24986	1.145	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	23544	1.040	ug/L 99
40) 4-Methyl-2-pentanone	7.28	43	105786	10.567	ug/L 97

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Quant Time: Sep 03 01:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 01:44:55 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 9:10:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	78955	1.147	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	18401	1.042	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	12715	1.097	ug/L	97
47) Tetrachloroethene	8.02	164	15251	1.127	ug/L	97
48) 2-Hexanone	8.19	43	72956	10.691	ug/L	95
49) Dibromochloromethane	8.29	129	14219	1.080	ug/L	99
50) 1,2-Dibromoethane	8.40	107	10789	1.059	ug/L	99
51) Chlorobenzene	8.92	112	50566	1.160	ug/L	97
52) Ethylbenzene	9.05	91	81363	1.111	ug/L	98
53) m,p-xylene	9.18	106	29042	1.094	ug/L	93
54) o-xylene	9.59	106	26436	1.016	ug/L	98
55) Styrene	9.60	104	44606	1.026	ug/L	97
56) Isopropylbenzene	9.97	105	74930	1.087	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	13469	0.998	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	11333	1.165	ug/L	99
61) Bromoform	9.77	173	6823	0.991	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	36352	1.143	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	38151	1.195	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	33003	1.104	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	2117	1.049	ug/L #	87
67) 1,3,5-Trichlorobenzene	12.69	180	25656	1.082	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	17693	1.018	ug/L	96
69) Naphthalene	13.55	128	21095	0.841	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	15457	0.942	ug/L	97

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