

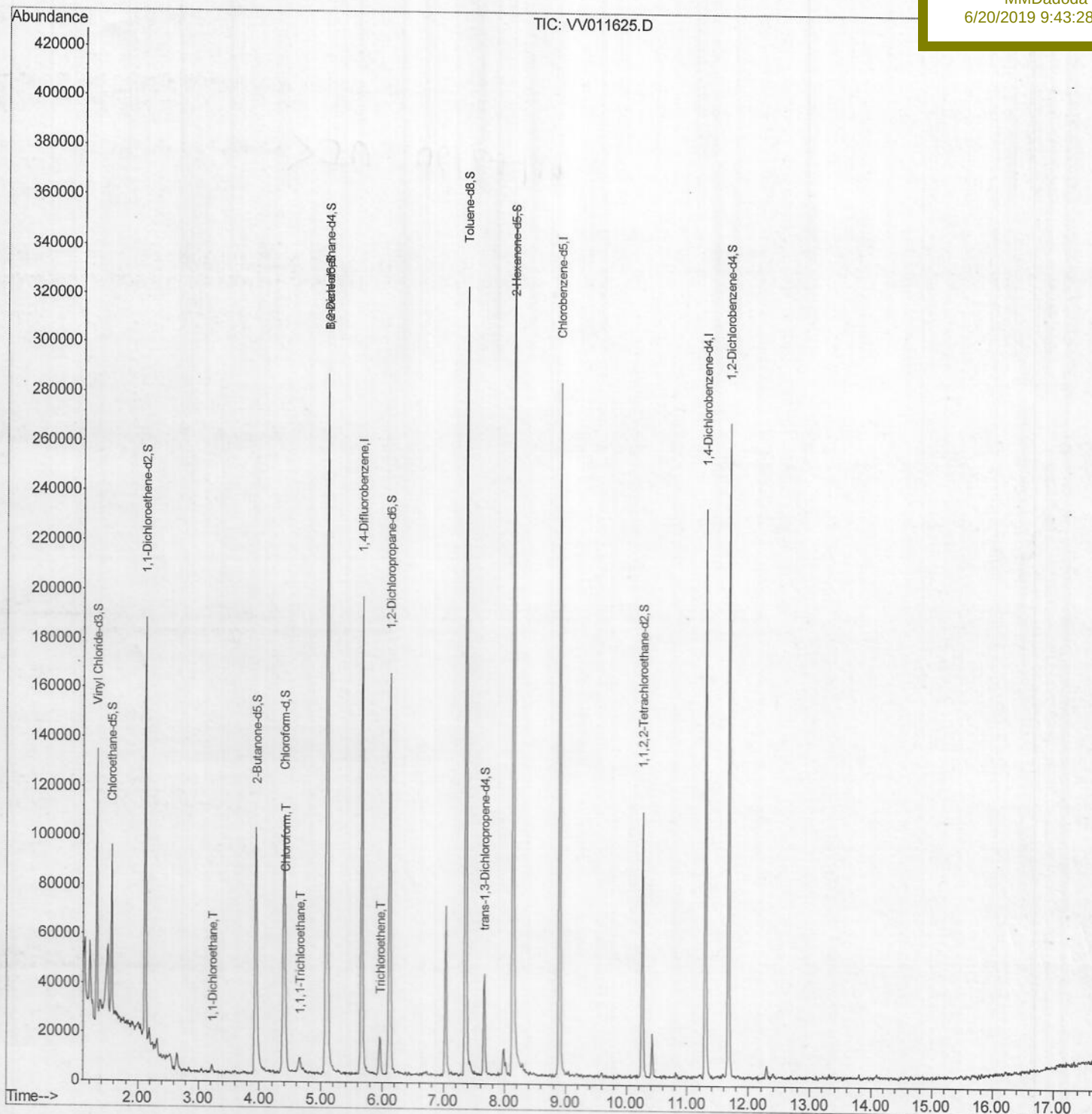
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011625.D
Acq On : 19 Jun 2019 18:32
Operator : SY/MD
Sample : K3381-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 04:10:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Manual Integrations
APPROVED

MMDadoda
6/20/2019 9:43:28 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\

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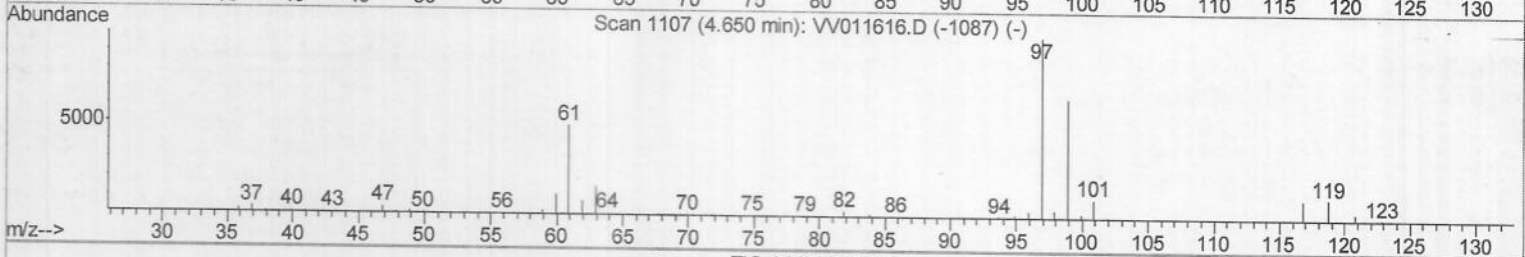
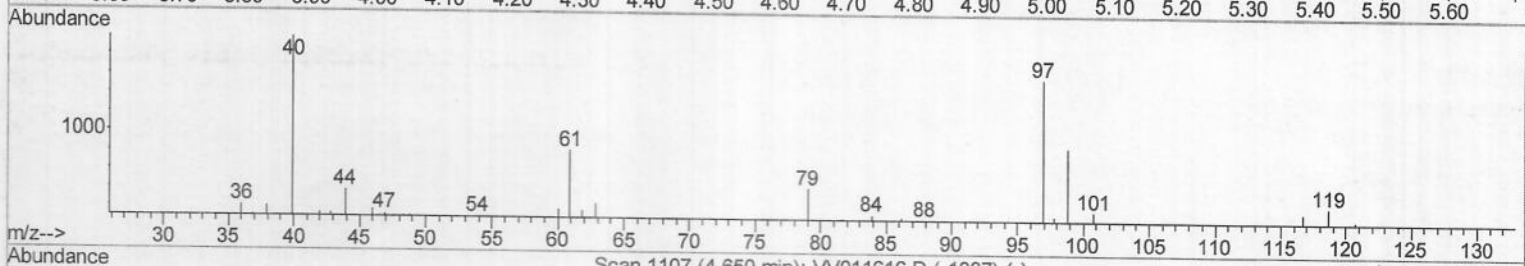
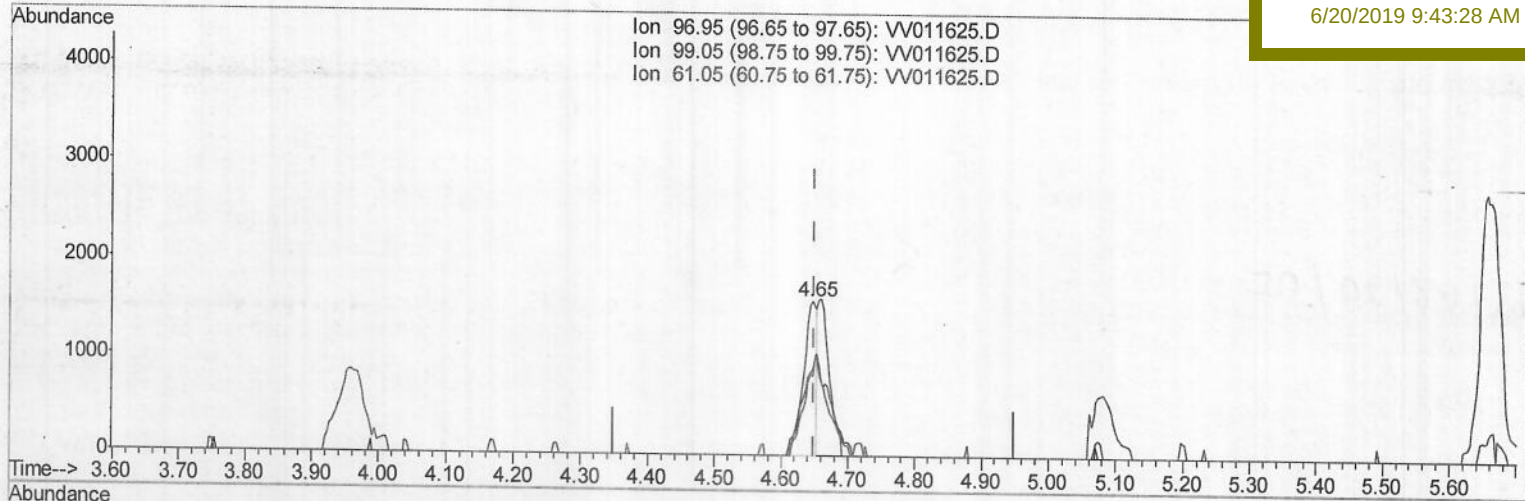
BFCQ3

Manual Integrations

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6/20/2019 9:43:28 AM



(29) 1,1,1-Trichloroethane (T)

4.646min (-0.003) 0.13ug/L

response 2224

Ion	Exp%	Act%
96.95	100	100
99.05	64.50	120.86#
61.05	50.50	111.29#
0.00	0.00	0.00

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Instrument :

MSVOA_V

Client Sampled :

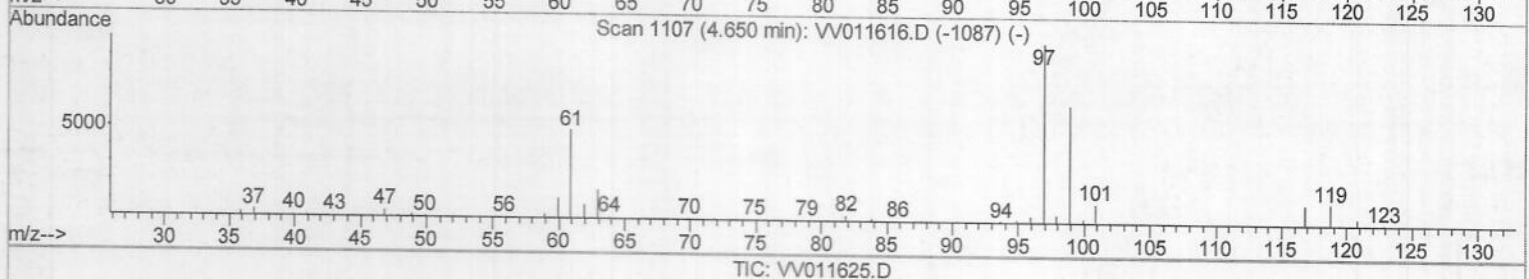
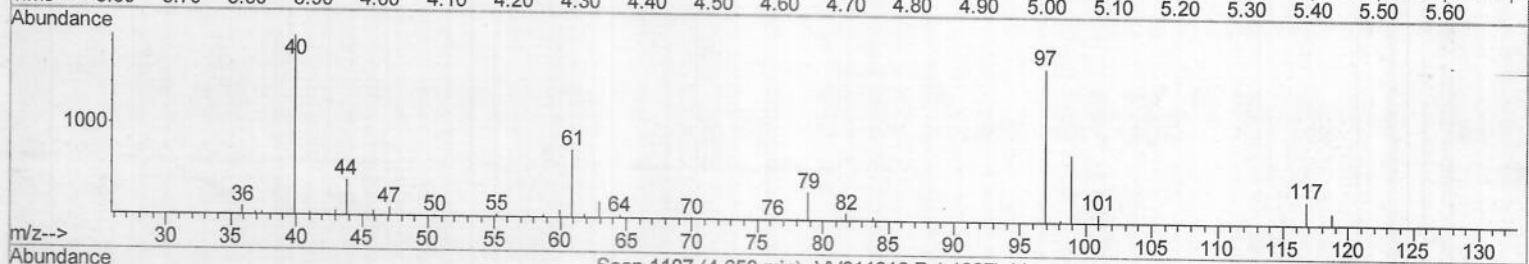
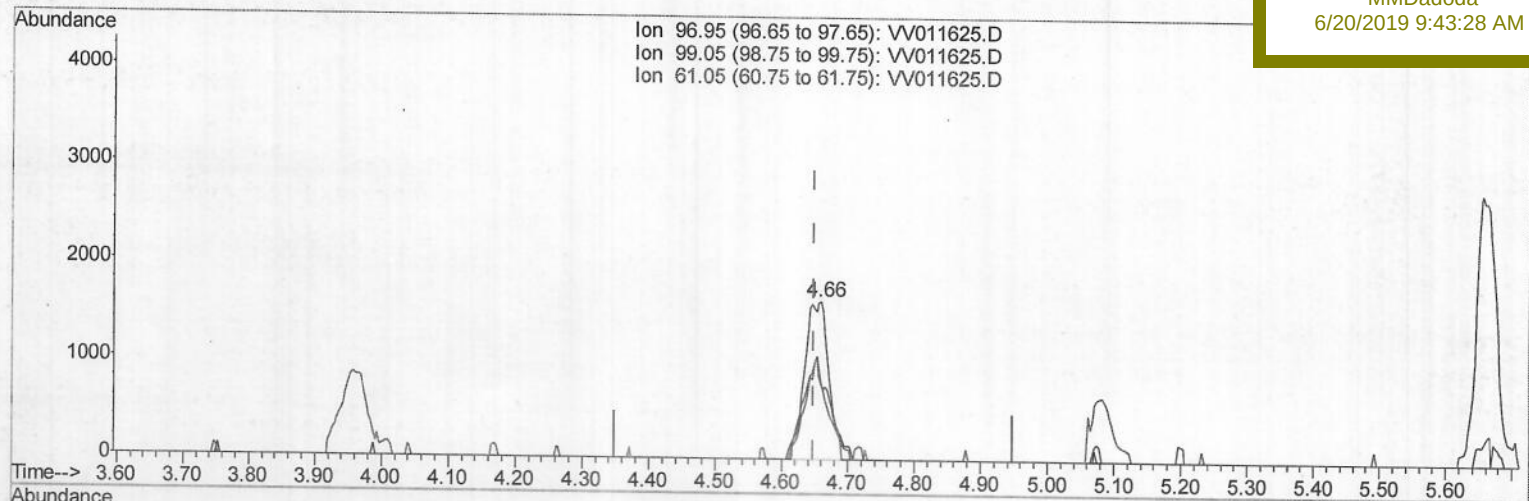
BFCQ3

Manual Integrations

APPROVED

MMDadoda

6/20/2019 9:43:28 AM



(29) 1,1,1-Trichloroethane (T)

4.659min (+0.010) 0.24ug/L m

response 4250

Ion Exp% Act%

96.95 100 100

99.05 64.50 63.25

61.05 50.50 58.24

0.00 0.00 0.00

M.D
6/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
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 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 Client Sampled :
 BFCQ3

Manual Integrations
 APPROVED

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 6/20/2019 9:43:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62410	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	107.40%		
7) Chloroethane-d5	1.56	69	45139	6.13	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery =	122.60%		
11) 1,1-Dichloroethene-d2	2.12	63	90590	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.80%		
20) 2-Butanone-d5	3.94	46	158083	48.33	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	96.66%		
24) Chloroform-d	4.40	84	98963	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.60%		
26) 1,2-Dichloroethane-d4	5.08	65	64118	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.80%		
32) Benzene-d6	5.09	84	233384	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	109.80%		
36) 1,2-Dichloropropane-d6	6.12	67	70308	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	104.20%		
41) Toluene-d8	7.36	98	200379	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	105.80%		
43) trans-1,3-Dichloropropene-	7.66	79	21253	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.60%		
46) 2-Hexanone-d5	8.13	63	116614	44.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.96%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47594	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.00%		
64) 1,2-Dichlorobenzene-d4	11.67	152	64302	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	111.00%		

Target Compounds

					Qvalue
19) 1,1-Dichloroethane	3.23	63	2713	0.121 ug/L	93
25) Chloroform	4.42	83	13081	0.582 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	4250m	0.240 ug/L	
34) Trichloroethene	5.96	95	5110	0.430 ug/L	96

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

M.D.
 6/26/19