

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012752.D
 Acq On : 14 Sep 2019 02:25
 Operator : SY/MD
 Sample : K4868-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COML6

Quant Time: Sep 14 04:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:58:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	718465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	656166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229157	50.00	ug/L	0.00

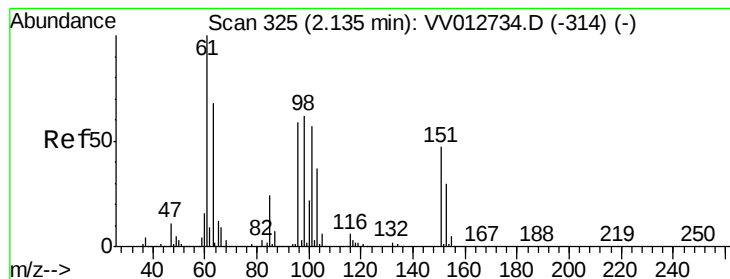
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195755	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.58	69	191521	52.56	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.12%
11) 1,1-Dichloroethene-d2	2.13	63	299828	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
21) 2-Butanone-d5	3.92	46	485033	114.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	4.40	84	528709	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.08	65	340885	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
32) Benzene-d6	5.10	84	978651	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.78%
36) 1,2-Dichloropropane-d6	6.12	67	357489	57.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.72%
41) Toluene-d8	7.36	98	818630	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloropropene-	7.66	79	133009	51.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.34%
47) 2-Hexanone-d5	8.13	63	246714	104.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.07%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	417784	52.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.70%
64) 1,2-Dichlorobenzene-d4	11.67	152	324551	62.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.10%#

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	22790	6.018 ug/L	# 1
20) cis-1,2-Dichloroethene	3.96	96	31527	6.155 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	20554	2.996 ug/L	97
34) Trichloroethene	5.96	95	314315	60.582 ug/L	97

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



#12

1,1-Dichloroethene

Concen: 6.018 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

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ClientSampled :

COML6

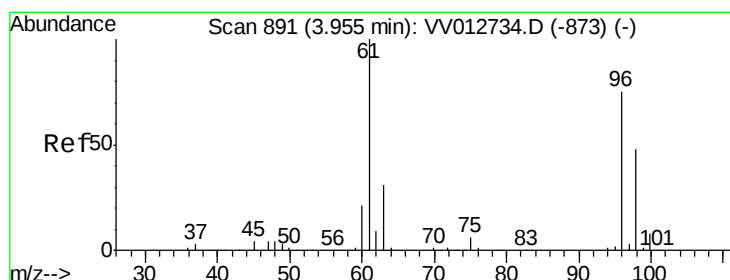
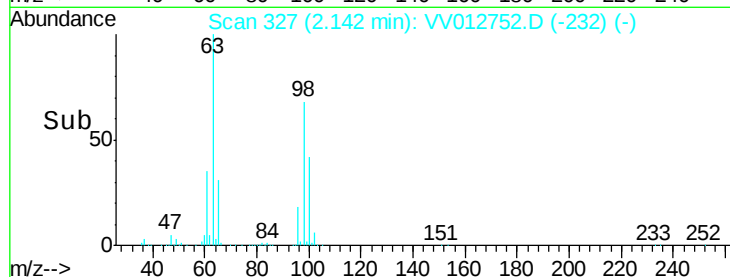
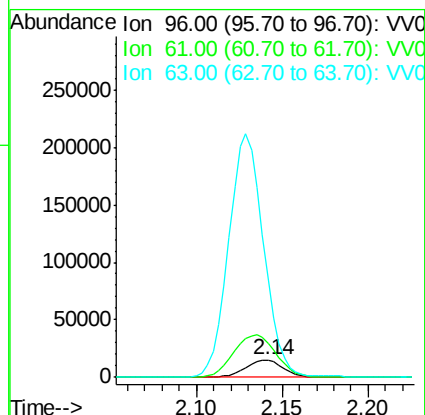
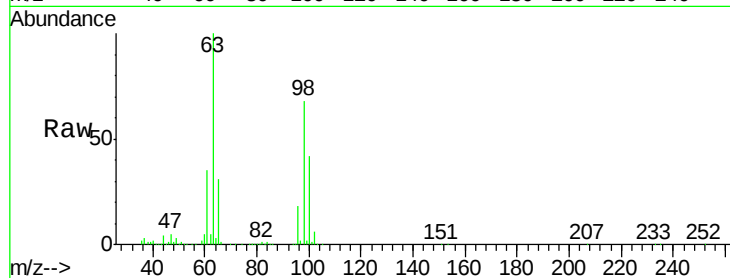
Tot Ion: 96 Resp: 22790

Ion Ratio Lower Upper

96 100

61 197.4 118.0 219.2

63 560.0 89.2 165.6#



#20

cis-1,2-Dichloroethene

Concen: 6.155 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV012752.D

Acq: 14 Sep 2019 02:25

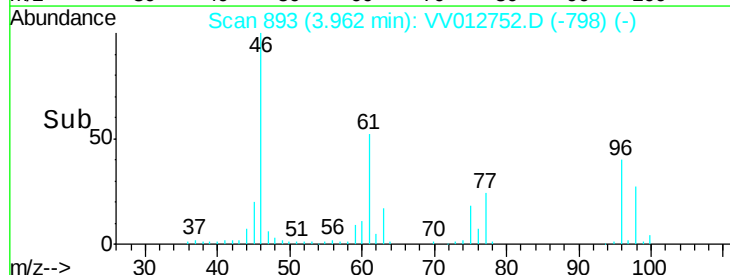
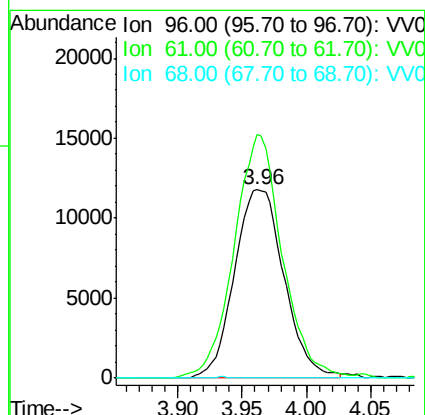
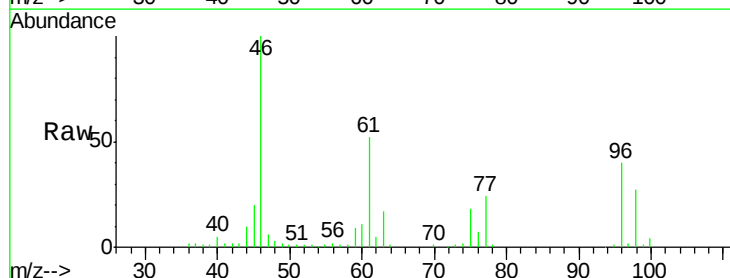
Tgt Ion: 96 Resp: 31527

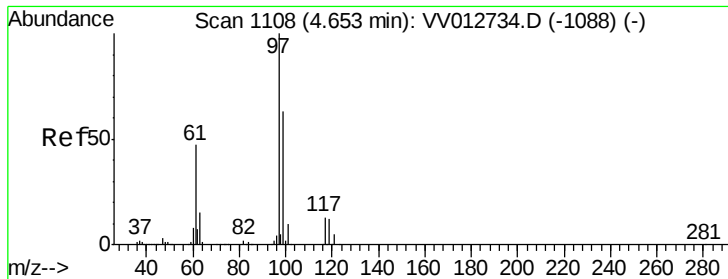
Ion Ratio Lower Upper

96 100

61 129.5 90.6 168.3

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.996 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VV012752.D

Acq: 14 Sep 2019 02:25

Instrument :

MSVOA_V

ClientSampled :

COML6

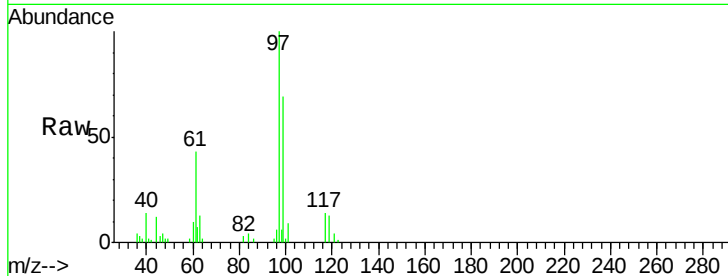
Tot Ion: 97 Resp: 20554

Ion Ratio Lower Upper

97 100

99 66.4 50.6 75.8

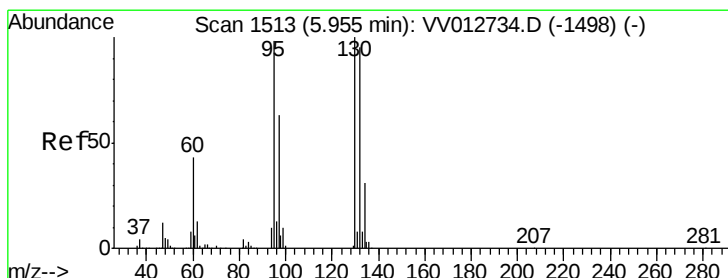
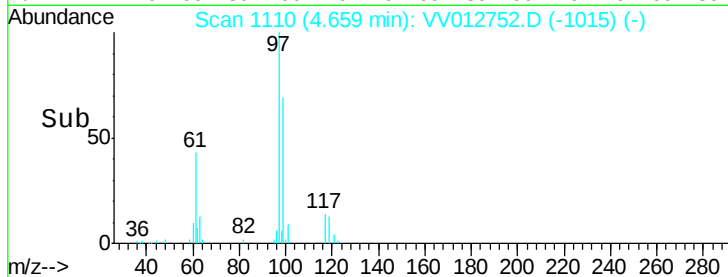
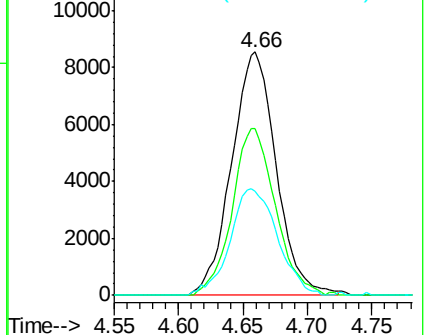
61 46.5 37.8 56.8



Abundance Ion 97.00 (96.70 to 97.70): VV012752.D (-1420) (-)

Ion 99.00 (98.70 to 99.70): VV012752.D (-1420) (-)

Ion 61.05 (60.75 to 61.75): VV012752.D (-1420) (-)



#34

Trichloroethene

Concen: 60.582 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012752.D

Acq: 14 Sep 2019 02:25

Tgt Ion: 95 Resp: 314315

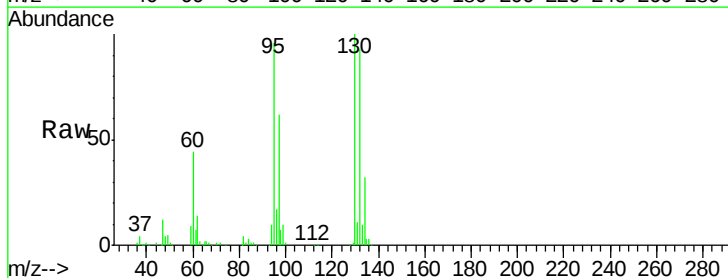
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 96.9 70.6 131.0

130 103.8 74.6 138.6



Abundance Ion 95.00 (94.70 to 95.70): VV012752.D (-1420) (-)

Ion 97.00 (96.70 to 97.70): VV012752.D (-1420) (-)

Ion 132.00 (131.70 to 132.70): VV012752.D (-1420) (-)

Ion 130.00 (129.70 to 130.70): VV012752.D (-1420) (-)

