

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011517.D
 Acq On : 15 Jun 2019 03:47
 Operator : SY/MD
 Sample : K3313-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM08

Quant Time: Jun 16 20:21:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173288	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61658	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	46375	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.12	63	117162	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.96	46	192932	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.40	84	123240	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	73892	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.09	84	247633	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	78868	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	209511	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.66	79	22704	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	147621	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54358	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67802	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

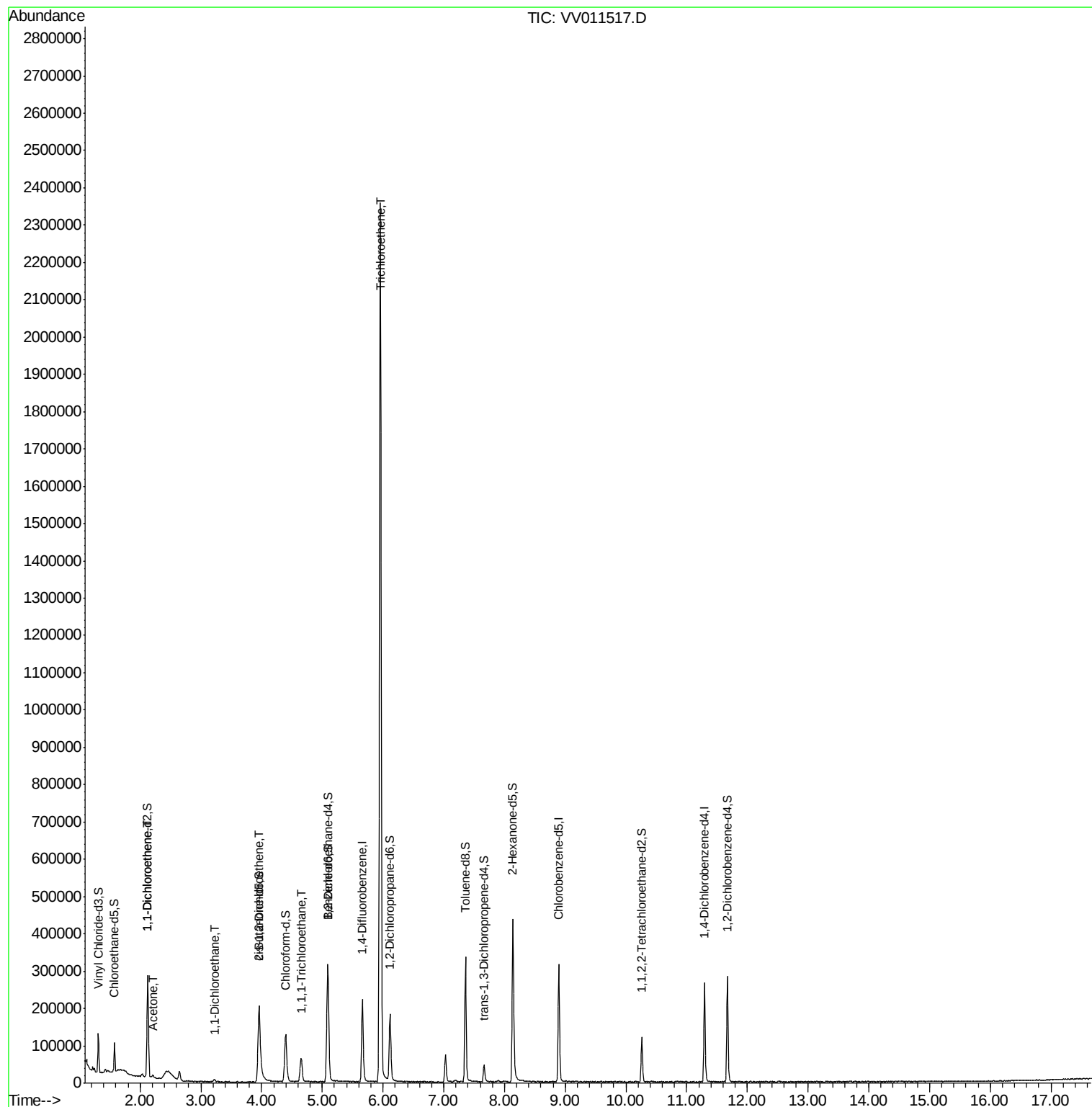
					Ovalue
12) 1,1-Dichloroethene	2.13	96	38722	3.593 ug/L	87
13) Acetone	2.22	43	6235	2.513 ug/L	79
19) 1,1-Dichloroethane	3.22	63	5320	0.211 ug/L #	84
22) cis-1,2-Dichloroethene	3.96	96	58661	4.249 ug/L	89
29) 1,1,1-Trichloroethane	4.65	97	47861	2.420 ug/L	100
34) Trichloroethene	5.95	95	792764	59.864 ug/L	98

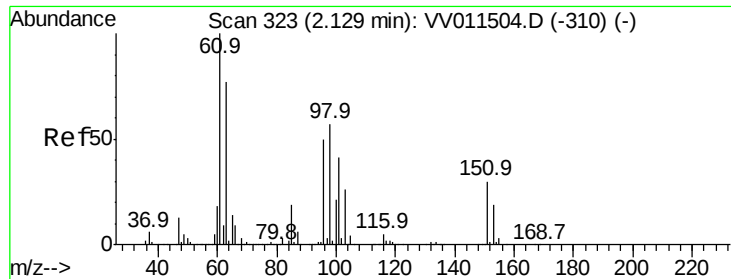
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.593 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

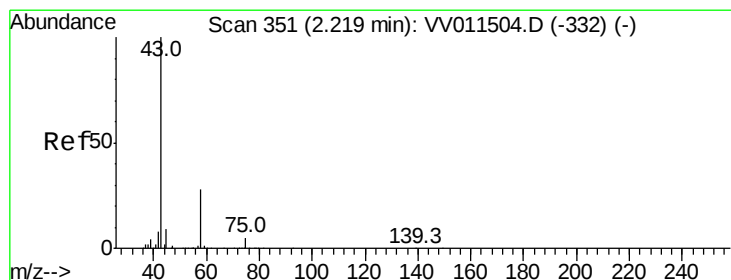
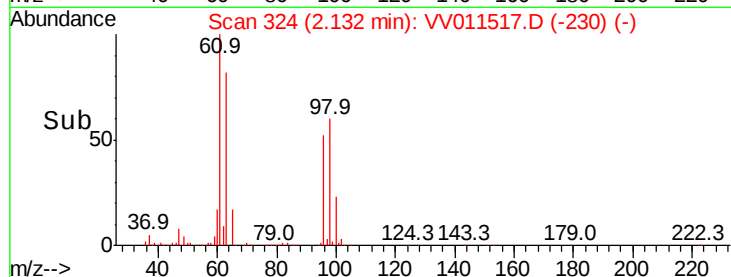
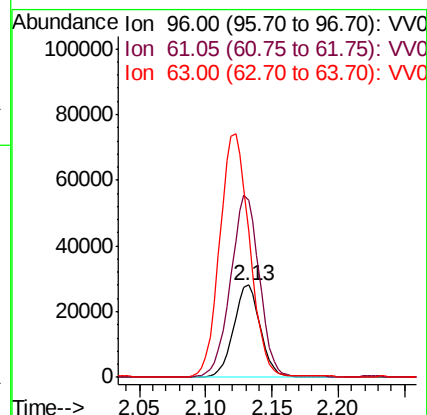
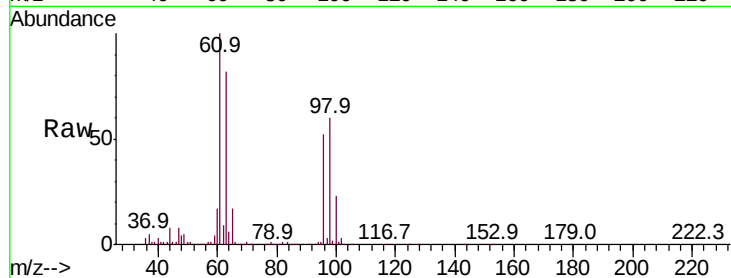
Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :
MSVOA_V
ClientSampleId :
COM08

Tot Ion: 96 Resp: 38722

Ion	Ratio	Lower	Upper
96	100		
61	192.8	135.9	252.5
63	158.5	86.2	160.2



#13

Acetone

Concen: 2.513 ug/L

RT: 2.22 min Scan# 352

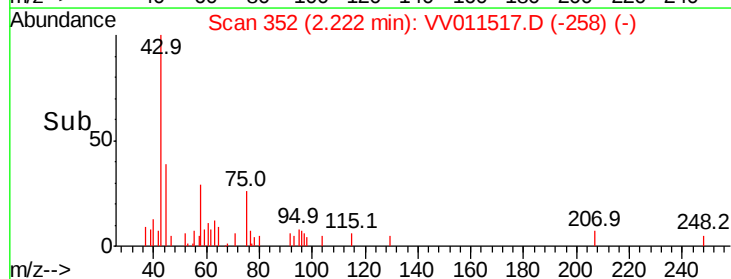
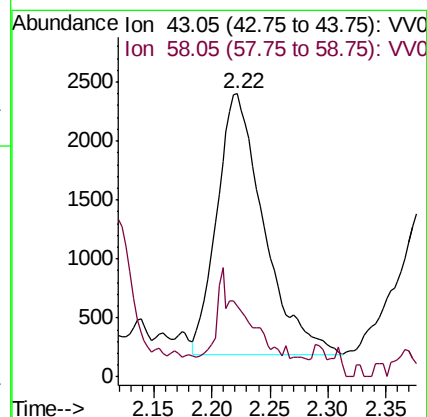
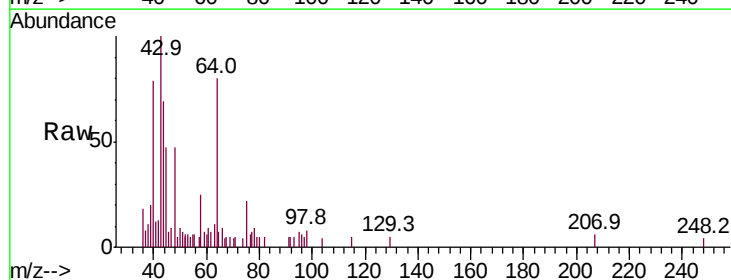
Delta R.T. 0.00 min

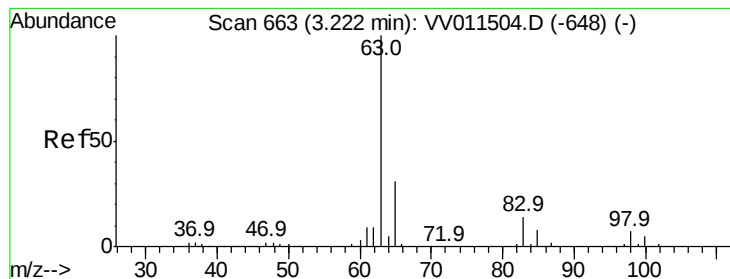
Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Tgt Ion: 43 Resp: 6235

Ion	Ratio	Lower	Upper
43	100		
58	17.7	0.0	57.8





#19

1,1-Dichloroethane

Concen: 0.211 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampled :

COM08

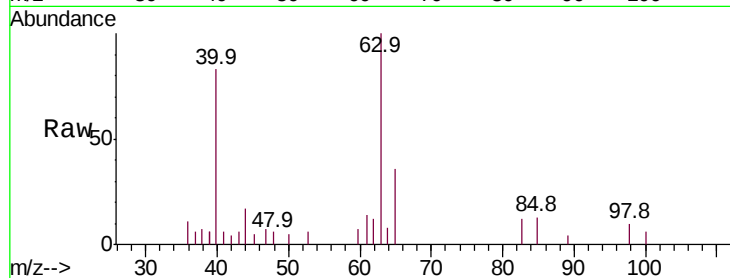
Tot Ion: 63 Resp: 5320

Ion Ratio Lower Upper

63 100

65 36.4 22.5 41.9

83 0.0 10.1 18.9#



Abundance Ion 63.10 (62.80 to 63.80): VV011504.D (-648) (-)

Ion 65.10 (64.80 to 65.80): VV011504.D (-648) (-)

Ion 83.05 (82.75 to 83.75): VV011504.D (-648) (-)

Time-->

3.15 3.20 3.25 3.30

3.22

2500

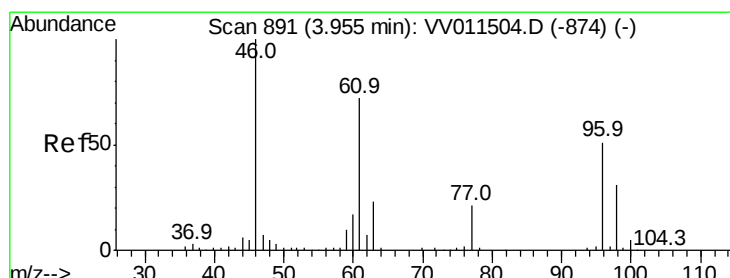
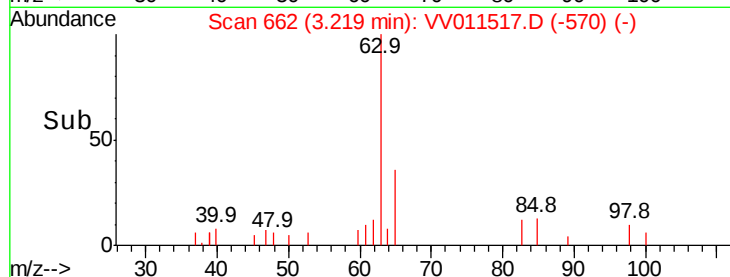
2000

1500

1000

500

0



#22

cis-1,2-Dichloroethene

Concen: 4.249 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

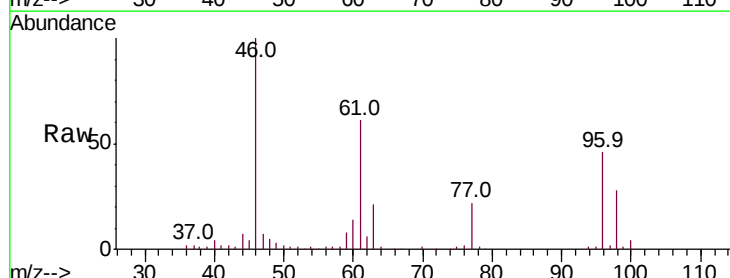
Tgt Ion: 96 Resp: 58661

Ion Ratio Lower Upper

96 100

61 132.7 102.2 189.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011504.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV011504.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV011504.D (-874) (-)

Time-->

3.85 3.90 3.95 4.00 4.05

3.96

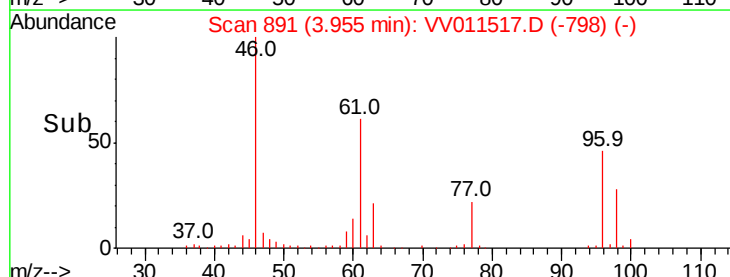
40000

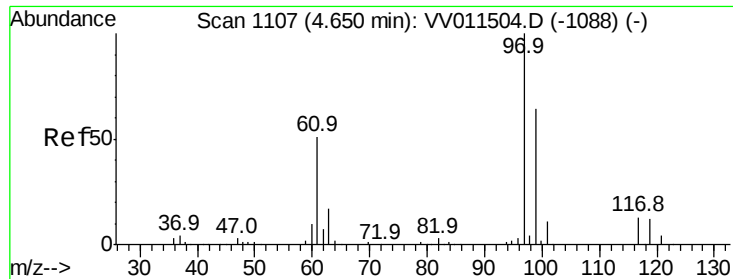
30000

20000

10000

0

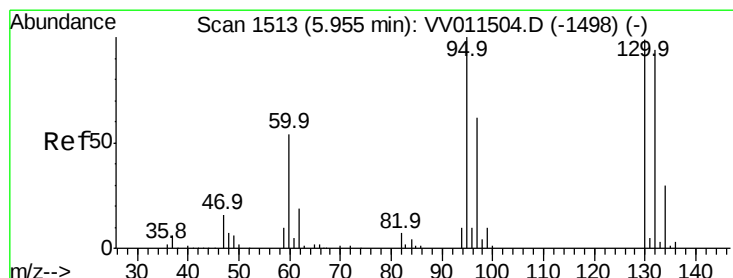
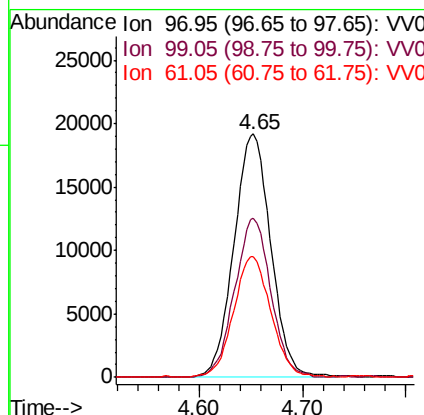
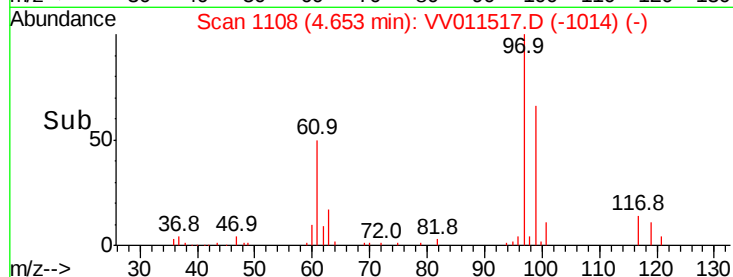
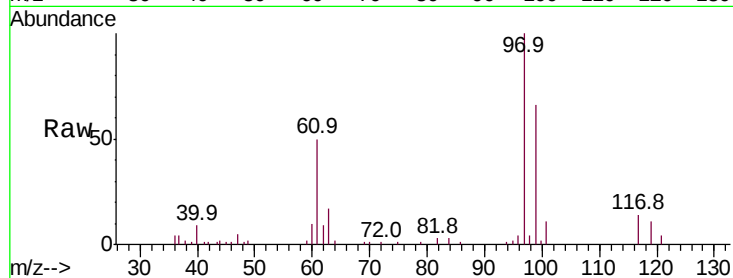




#29
1,1,1-Trichloroethane
Concen: 2.420 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

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Tot Ion: 97 Resp: 47861
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 50.4 40.4 60.6



#34
Trichloroethene
Concen: 59.864 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

Tgt Ion: 95 Resp: 792764
Ion Ratio Lower Upper
95 100
97 65.2 44.4 82.4
132 92.7 63.5 117.9
130 96.8 68.5 127.3

