

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007909.D
 Acq On : 27 Sep 2018 15:45
 Operator : SY/MD
 Sample : J5011-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G2

Quant Time: Sep 28 02:32:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87843	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22202	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	20165	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.14	63	39189	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	65882	46.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.02%
24) Chloroform-d	4.41	84	49850	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	28060	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	97990	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.13	67	31313	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	93427	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	10588	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	48095	44.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,1,2,2-Tetrachloroethane-	10.27	84	22104	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39113	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

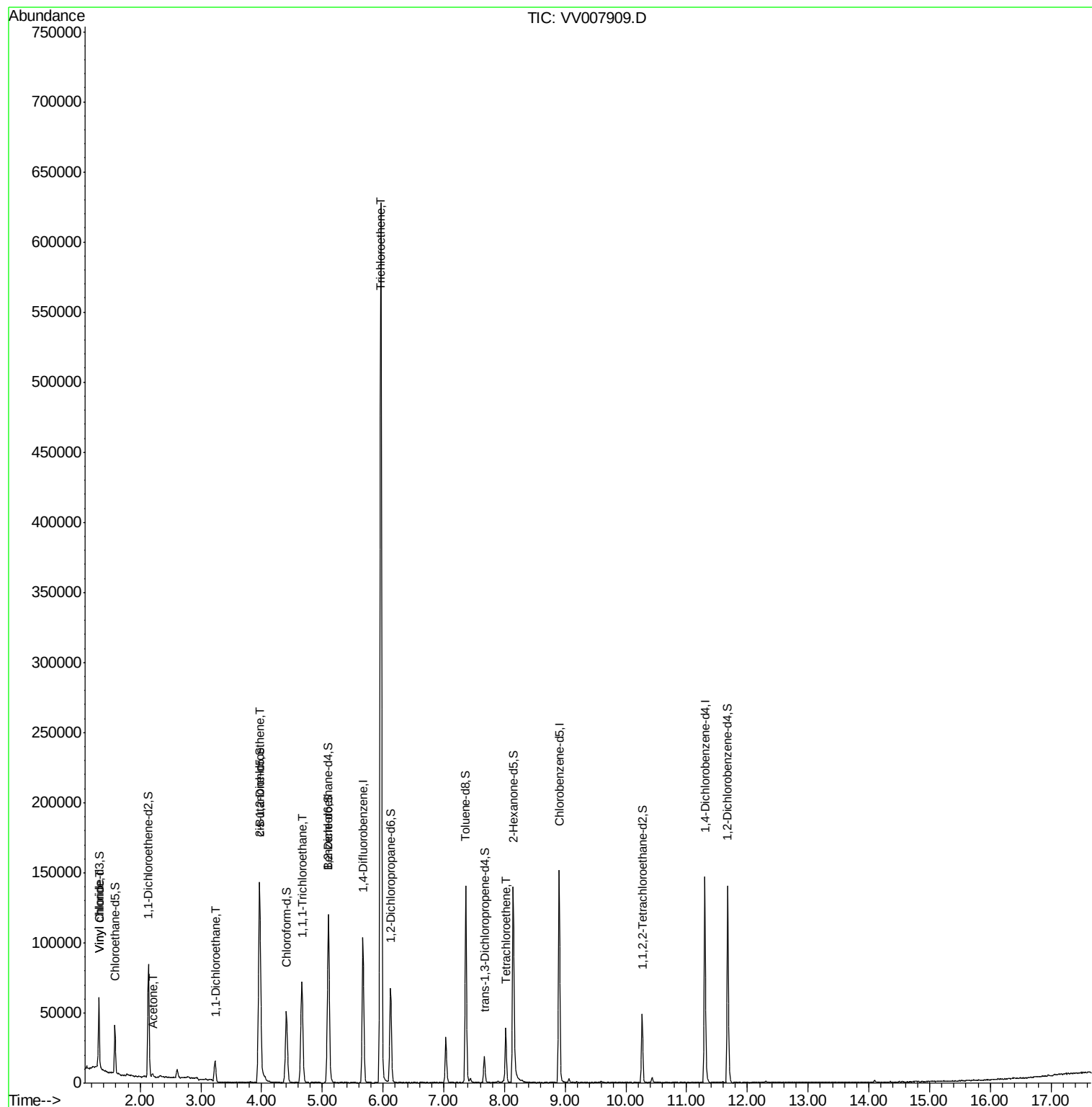
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	10709	1.526	ug/L	99
13) Acetone	2.20	43	2654	2.572	ug/L	93
19) 1,1-Dichloroethane	3.23	63	14654	1.342	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	59962	9.252	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	56905	5.623	ug/L	99
34) Trichloroethene	5.96	95	206519	29.929	ug/L	96
47) Tetrachloroethene	8.02	164	9070	1.419	ug/L	98

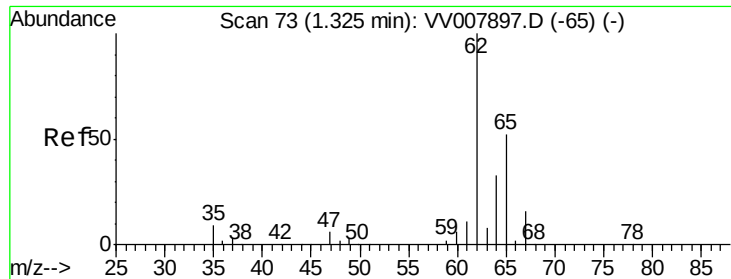
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.526 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

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Acq: 27 Sep 2018 15:45

Instrument :

MSVOA_V

ClientSampleId :

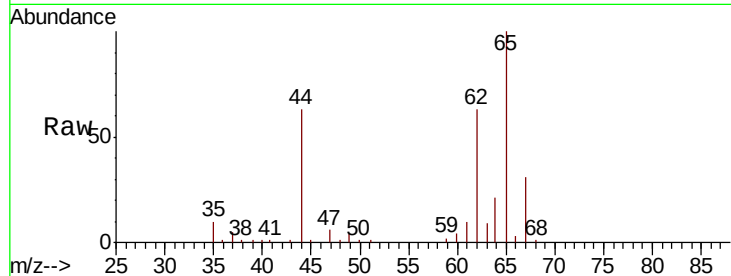
BE9G2

Tot Ion: 62 Resp: 10709

Ion Ratio Lower Upper

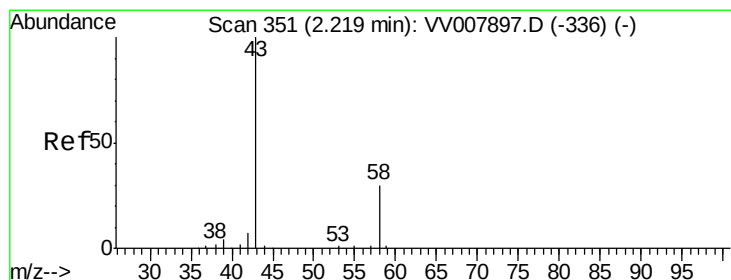
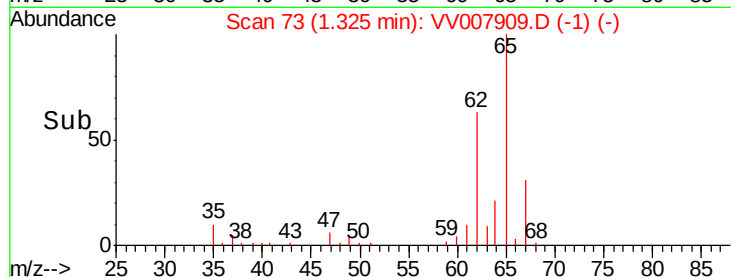
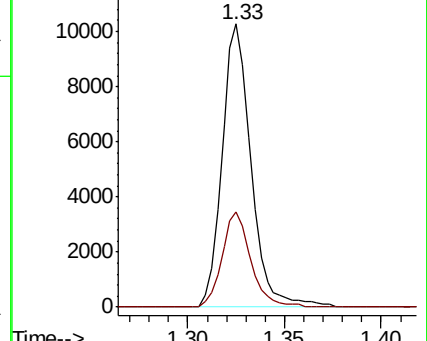
62 100

64 33.7 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 2.572 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV007909.D

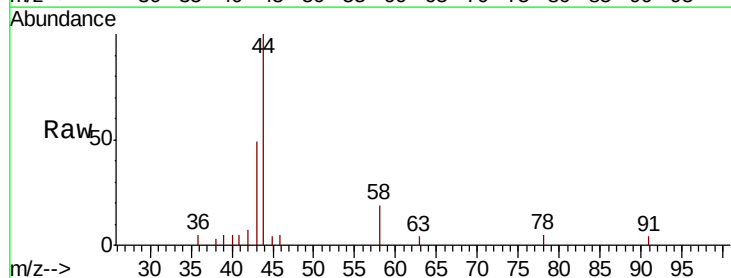
Acq: 27 Sep 2018 15:45

Tgt Ion: 43 Resp: 2654

Ion Ratio Lower Upper

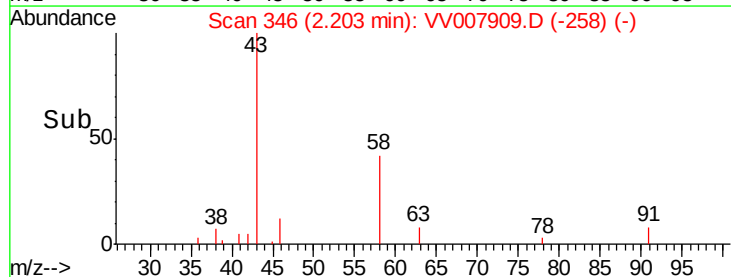
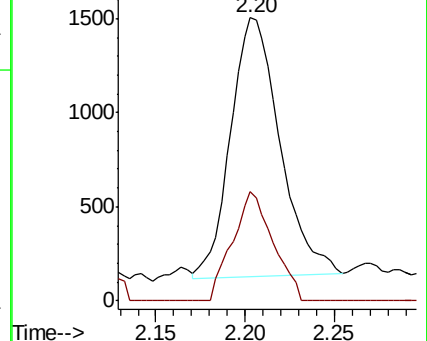
43 100

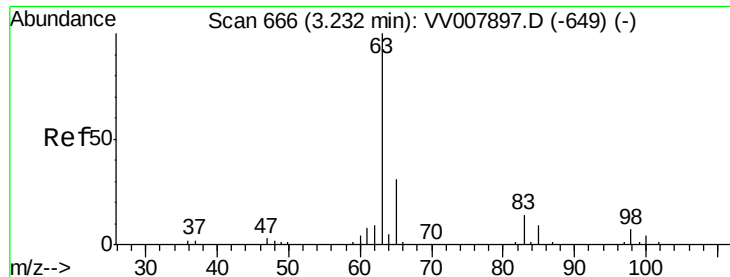
58 34.7 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#19

1,1-Dichloroethane

Concen: 1.342 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV007909.D

Acq: 27 Sep 2018 15:45

Instrument :

MSVOA_V

ClientSampleId :

BE9G2

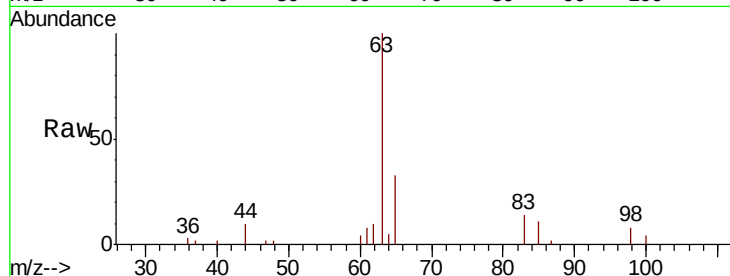
Tot Ion: 63 Resp: 14654

Ion Ratio Lower Upper

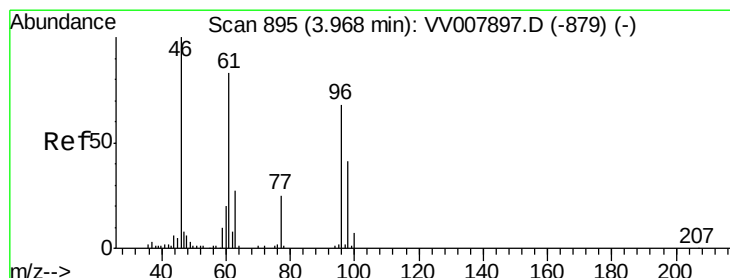
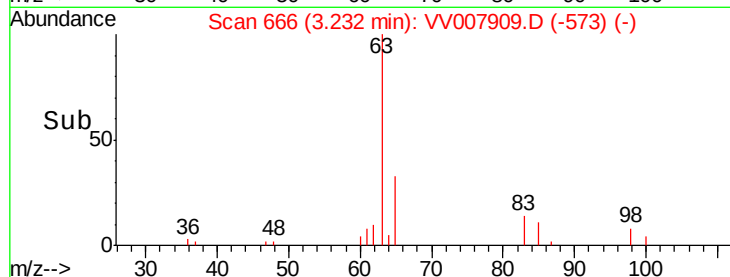
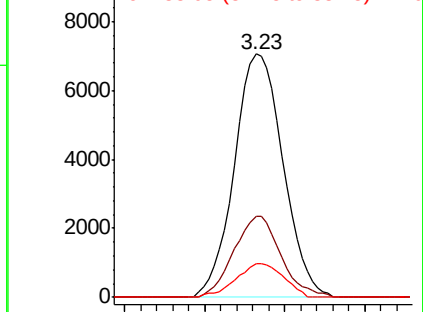
63 100

65 33.1 22.3 41.5

83 13.6 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 9.252 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV007909.D

Acq: 27 Sep 2018 15:45

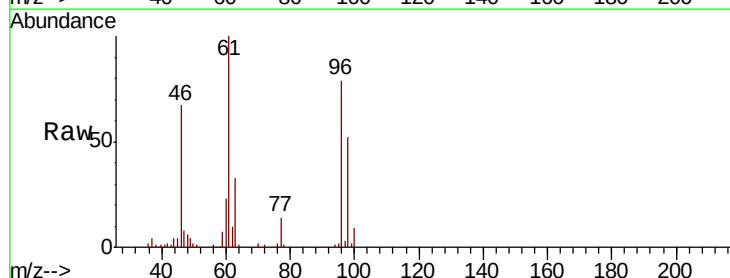
Tgt Ion: 96 Resp: 59962

Ion Ratio Lower Upper

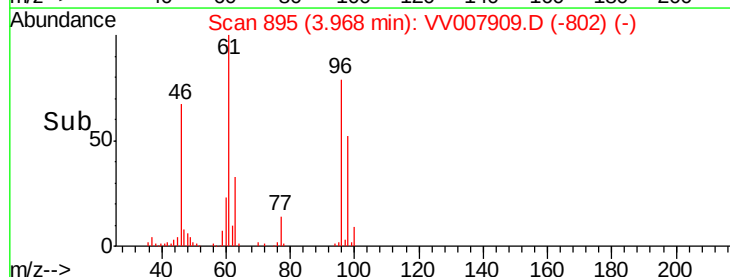
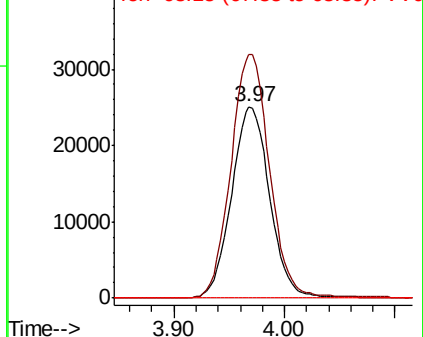
96 100

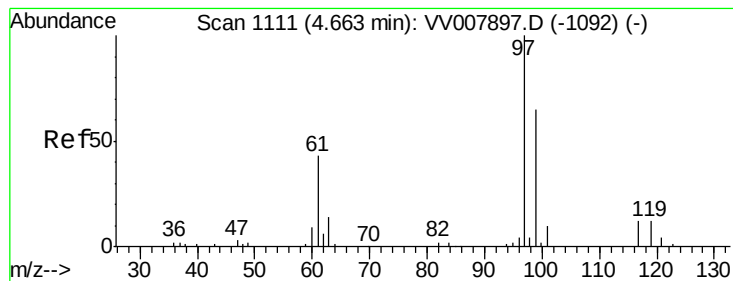
61 127.2 89.5 166.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#29

1,1,1-Trichloroethane

Concen: 5.623 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV007909.D

Acq: 27 Sep 2018 15:45

Instrument :

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ClientSampleId :

BE9G2

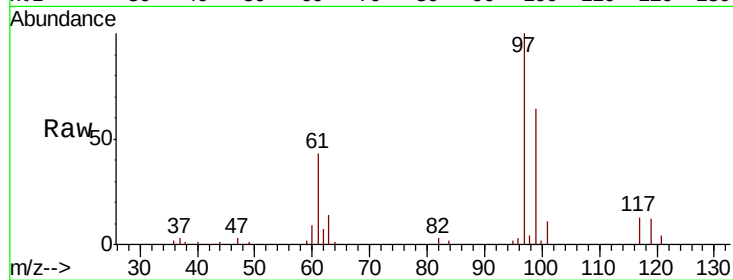
Tot Ion: 97 Resp: 56905

Ion Ratio Lower Upper

97 100

99 65.7 51.2 76.8

61 43.4 34.6 52.0

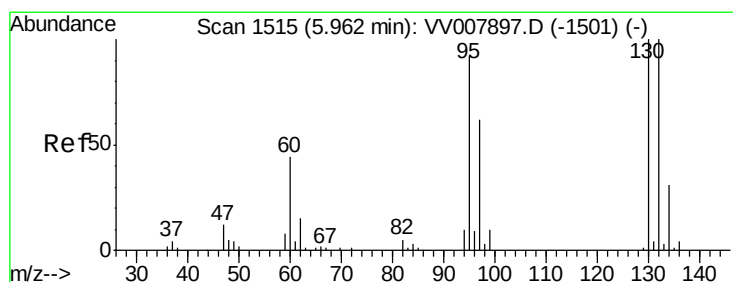
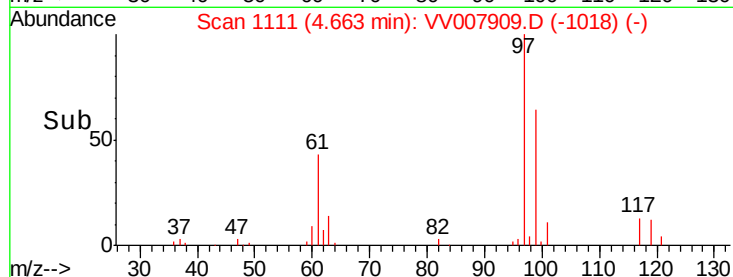
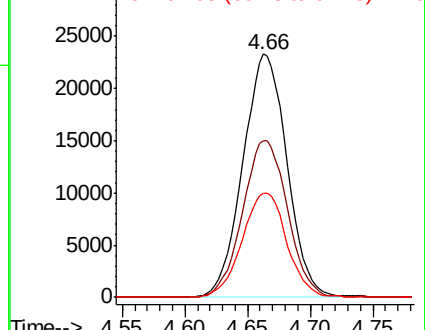


Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 29.929 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007909.D

Acq: 27 Sep 2018 15:45

Tgt Ion: 95 Resp: 206519

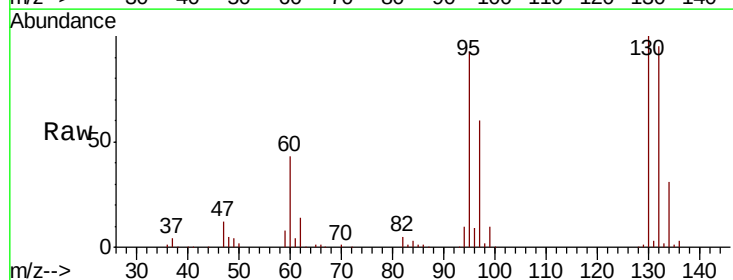
Ion Ratio Lower Upper

95 100

97 64.5 43.6 81.0

132 102.6 69.9 129.9

130 107.7 71.7 133.3



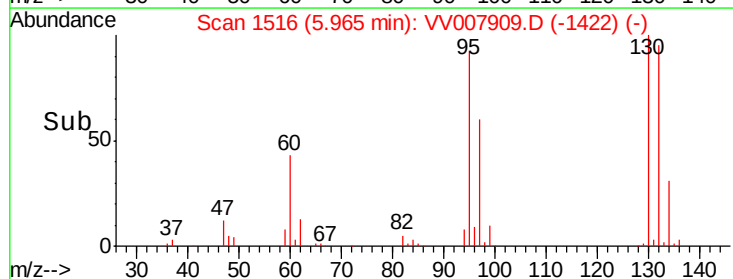
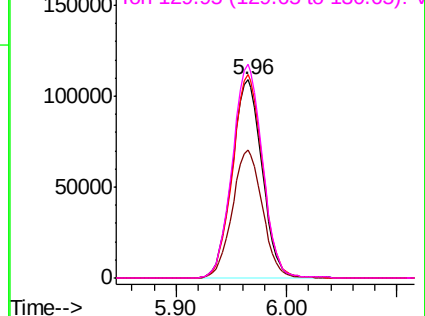
Abundance

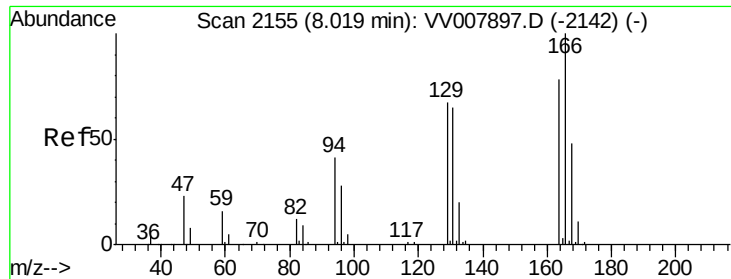
Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 1.419 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007909.D

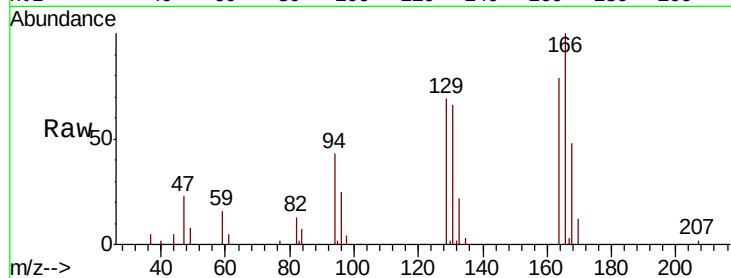
Acq: 27 Sep 2018 15:45

Instrument :

MSVOA_V

ClientSampleId :

BE9G2



Tot Ion:164 Resp: 9070

Ion Ratio Lower Upper

164 100

129 87.8 59.2 110.0

131 84.3 57.1 106.1

166 127.4 88.6 164.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

