

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007911.D
 Acq On : 27 Sep 2018 16:39
 Operator : SY/MD
 Sample : J5011-11DL 50X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G1DL

Quant Time: Sep 28 02:42:15 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	83672	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21644	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.59	69	20586	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.14	63	39838	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.96	46	67513	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.41	84	50269	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	28493	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	98696	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	31857	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	94148	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	10979	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	47186	46.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22490	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39080	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

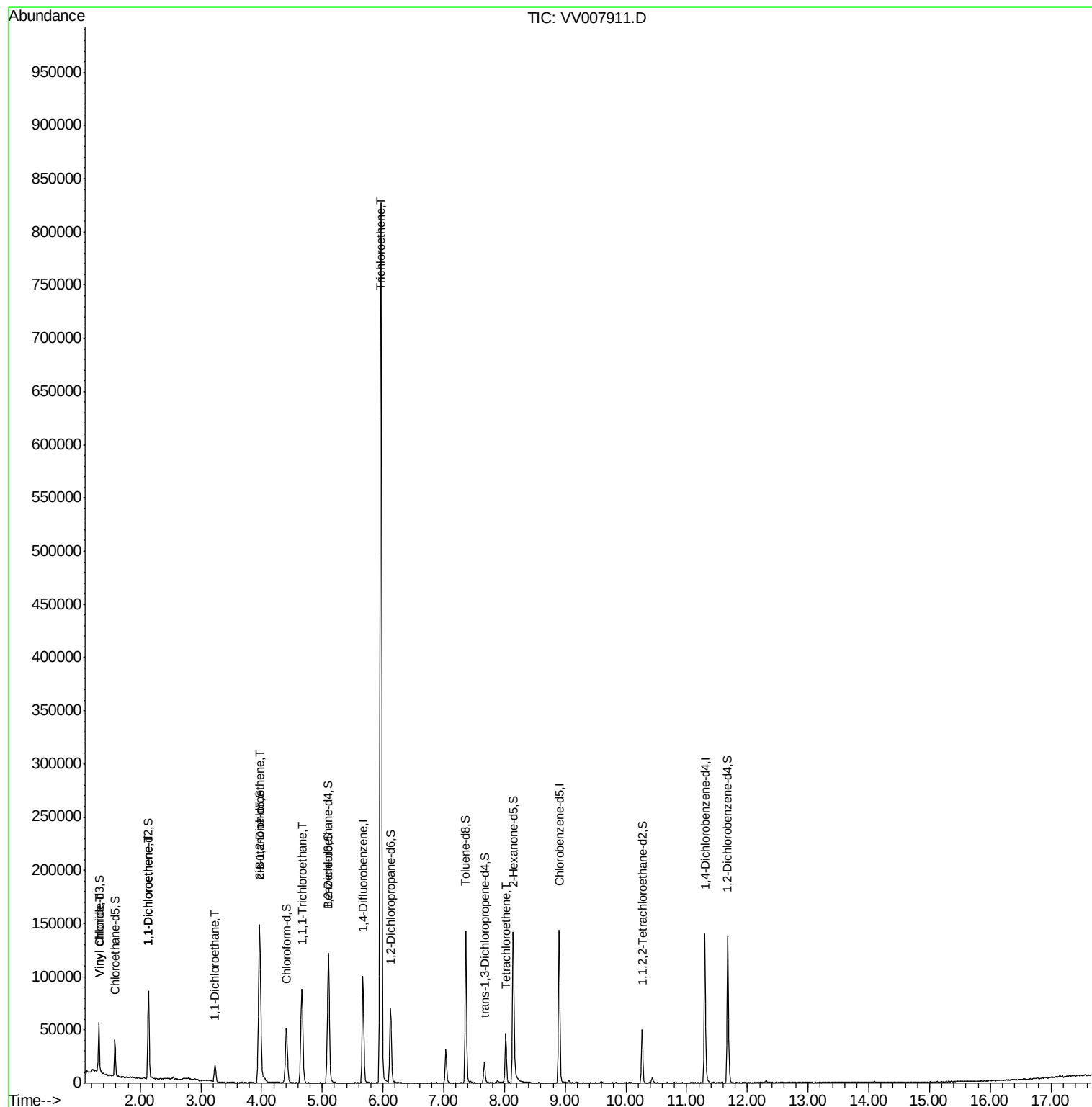
					Ovalue
5) Vinyl chloride	1.33	62	7206	1.078 ug/L	96
12) 1,1-Dichloroethene	2.15	96	4924	0.890 ug/L	# 1
19) 1,1-Dichloroethane	3.23	63	15983	1.536 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	62548	10.132 ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	69852	7.370 ug/L	100
34) Trichloroethene	5.96	95	273137	42.263 ug/L	97
47) Tetrachloroethene	8.02	164	10480	1.750 ug/L	94

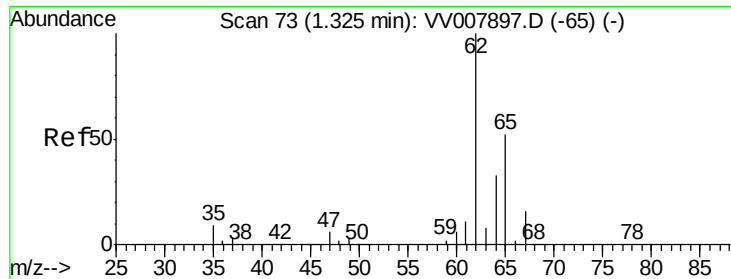
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.078 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV007911.D

Acq: 27 Sep 2018 16:39

Instrument :

MSVOA_V

ClientSampled :

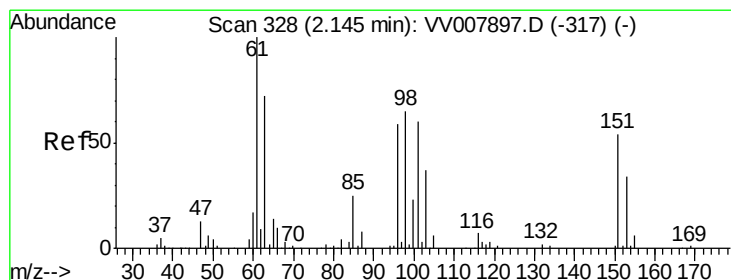
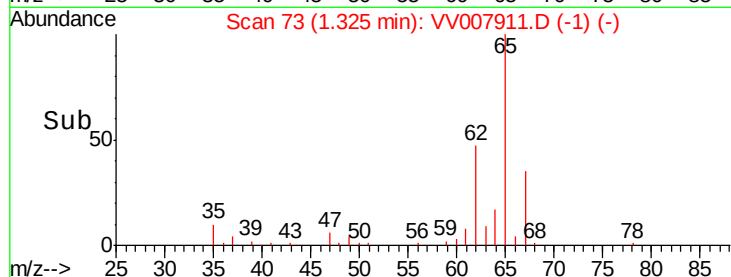
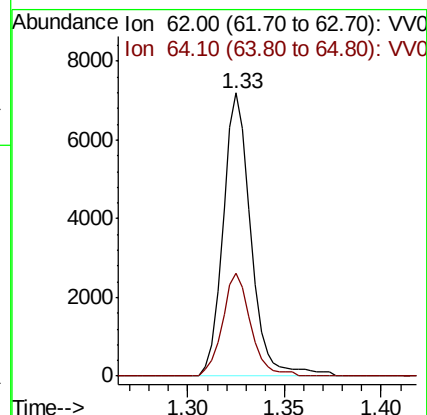
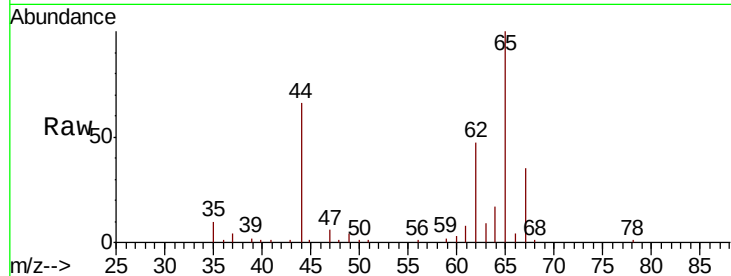
BE9G1DL

Tot Ion: 62 Resp: 7206

Ion Ratio Lower Upper

62 100

64 36.5 24.0 44.6



#12

1,1-Dichloroethene

Concen: 0.890 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007911.D

Acq: 27 Sep 2018 16:39

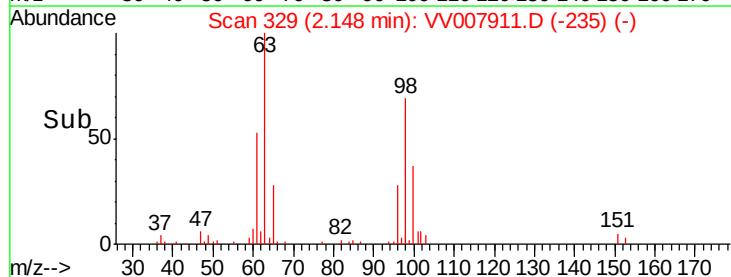
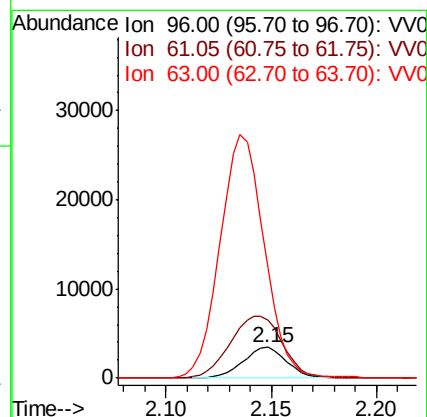
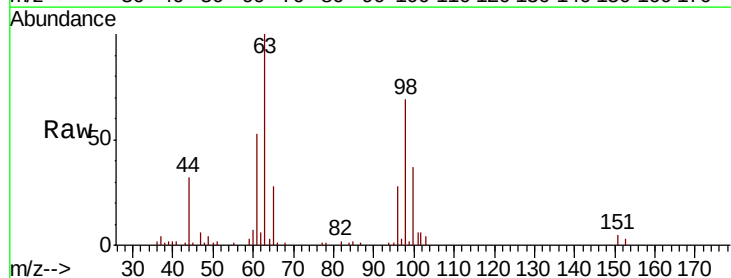
Tgt Ion: 96 Resp: 4924

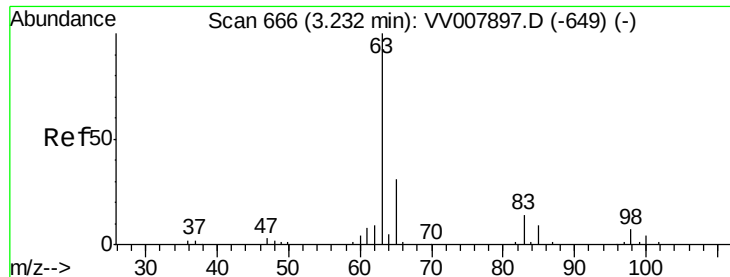
Ion Ratio Lower Upper

96 100

61 191.4 114.1 211.9

63 361.7 81.5 151.3#

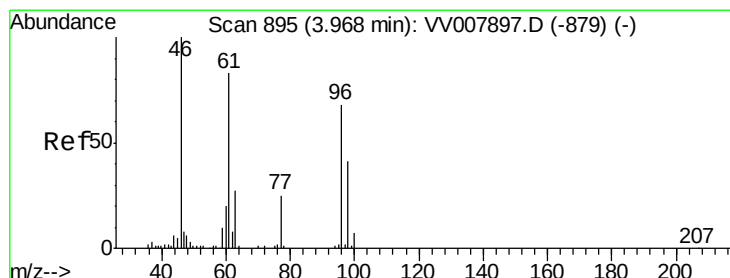
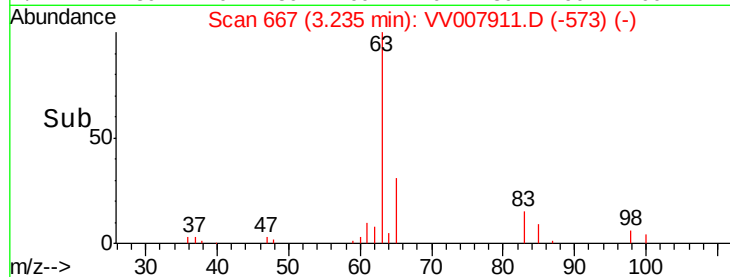
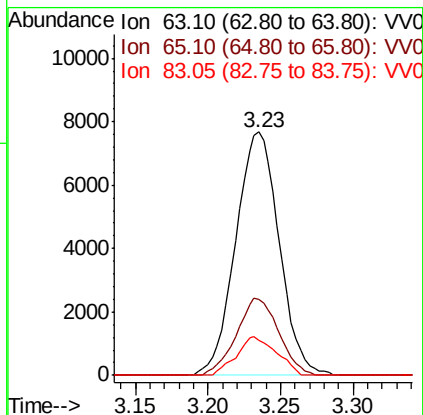
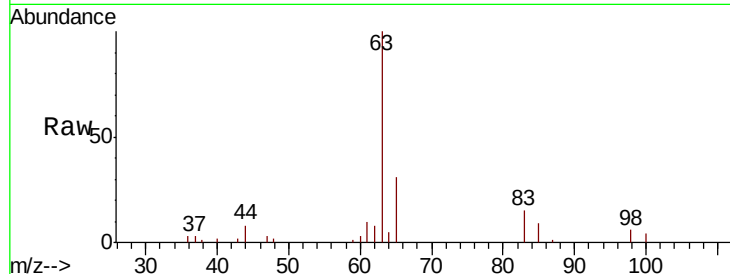




#19
 1,1-Dichloroethane
 Concen: 1.536 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV007911.D
 Acq: 27 Sep 2018 16:39

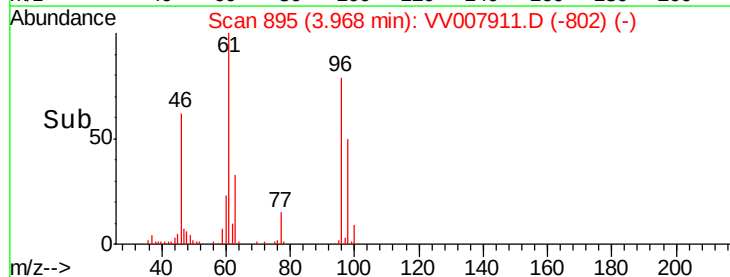
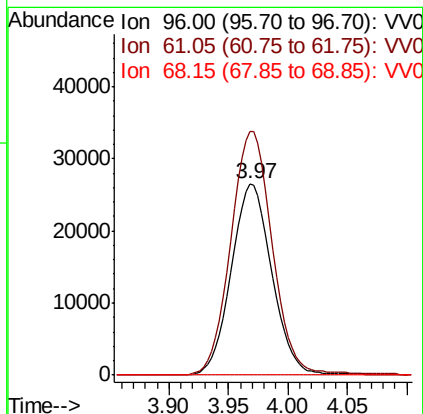
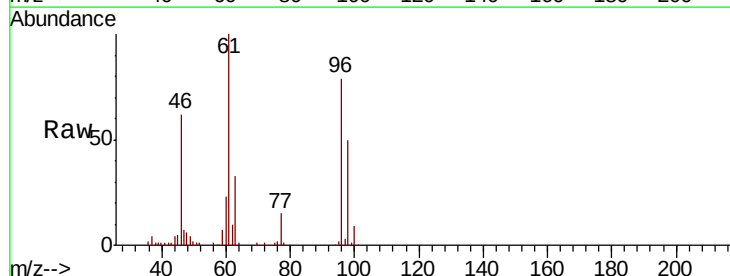
Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G1DL

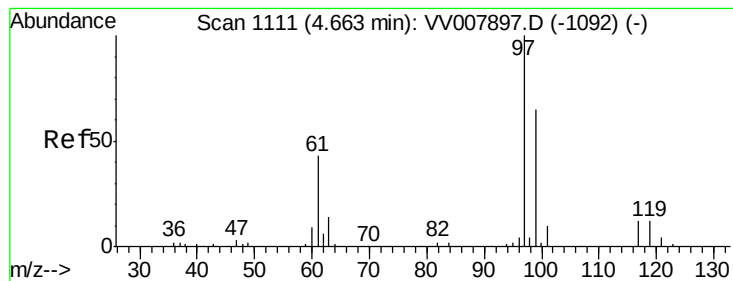
Tot Ion: 63 Resp: 15983
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.3 41.5
 83 14.6 9.8 18.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.132 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV007911.D
 Acq: 27 Sep 2018 16:39

Tgt Ion: 96 Resp: 62548
 Ion Ratio Lower Upper
 96 100
 61 127.1 89.5 166.1
 68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 7.370 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VV007911.D

Acq: 27 Sep 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

BE9G1DL

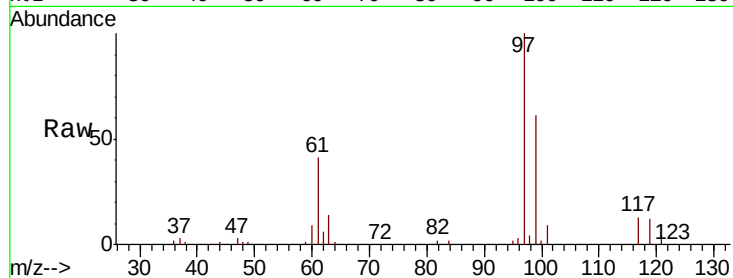
Tot Ion: 97 Resp: 69852

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

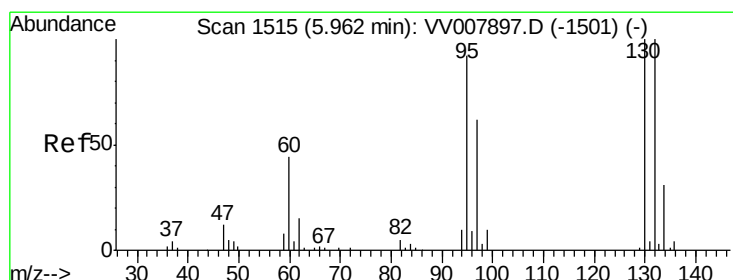
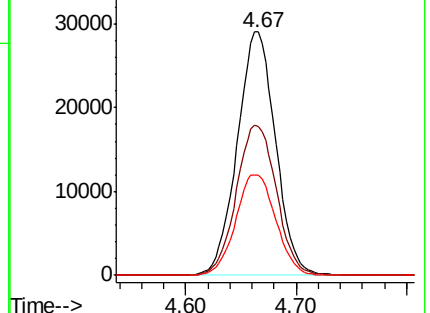
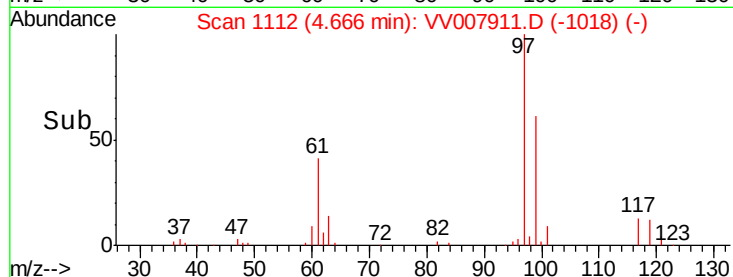
61 43.2 34.6 52.0



Abundance Ion 96.95 (96.65 to 97.65): VV007897.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV007897.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV007897.D (-1092) (-)



#34

Trichloroethene

Concen: 42.263 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007911.D

Acq: 27 Sep 2018 16:39

Tgt Ion: 95 Resp: 273137

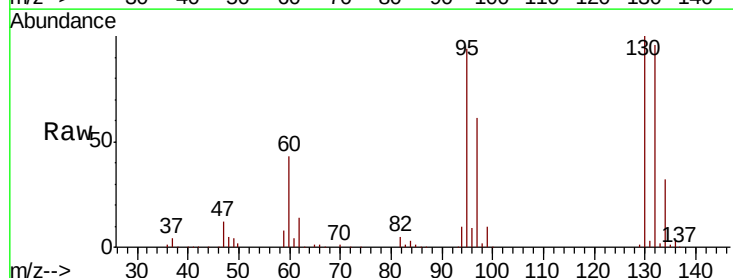
Ion Ratio Lower Upper

95 100

97 65.0 43.6 81.0

132 102.7 69.9 129.9

130 106.6 71.7 133.3

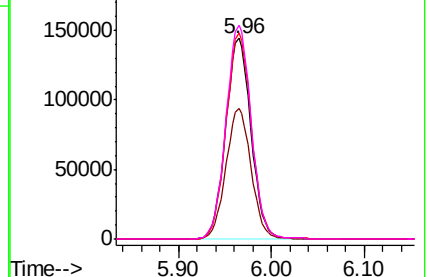
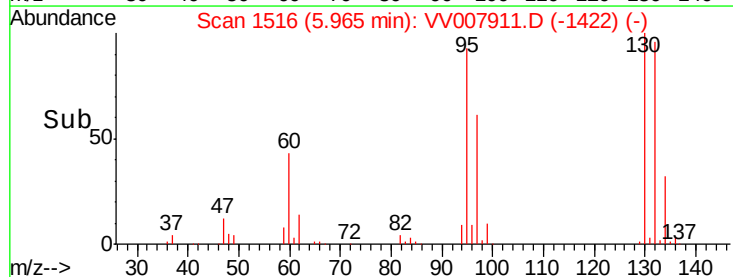


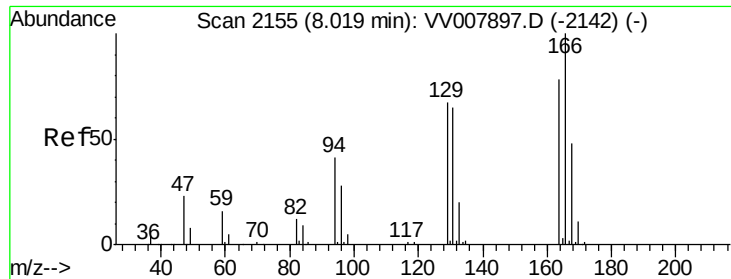
Abundance Ion 95.00 (94.70 to 95.70): VV007897.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007897.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007897.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007897.D (-1501) (-)





#47

Tetrachloroethene

Concen: 1.750 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007911.D

Acq: 27 Sep 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

BE9G1DL

Tot Ion:164 Resp: 10480

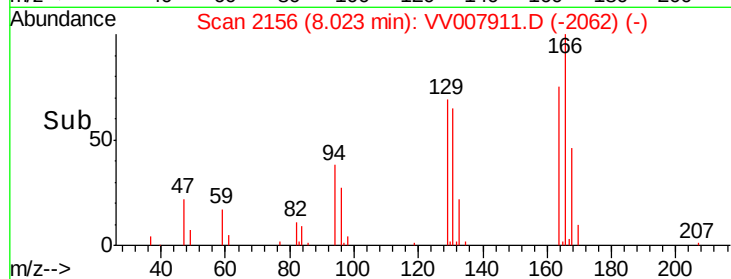
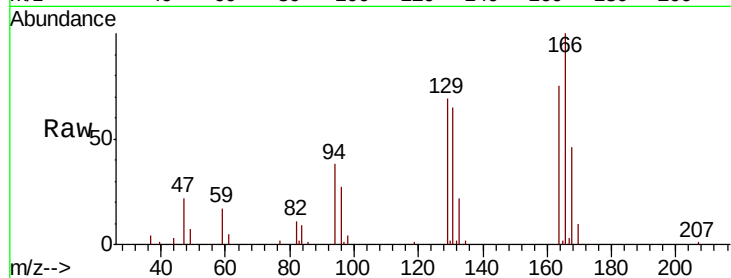
Ion Ratio Lower Upper

164 100

129 91.5 59.2 110.0

131 86.5 57.1 106.1

166 133.2 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

