

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007438.D
 Acq On : 06 Sep 2018 22:52
 Operator : SY/MD
 Sample : J4719-11
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE7

Quant Time: Sep 07 02:52:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	537356	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	546999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	208946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162730	42.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.80%
7) Chloroethane-d5	1.56	69	129780	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.13	63	214295	31.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.38%
21) 2-Butanone-d5	3.96	46	209618	67.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.14%
24) Chloroform-d	4.41	84	322266	40.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.18%
26) 1,2-Dichloroethane-d4	5.09	65	202280	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
32) Benzene-d6	5.10	84	651534	39.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.04%
36) 1,2-Dichloropropane-d6	6.12	67	222014	40.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.36%
41) Toluene-d8	7.36	98	537337	37.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.72%#
43) trans-1,3-Dichloropropene-	7.67	79	85709	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
47) 2-Hexanone-d5	8.14	63	170223	78.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	296844	39.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	200402	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

Target Compounds

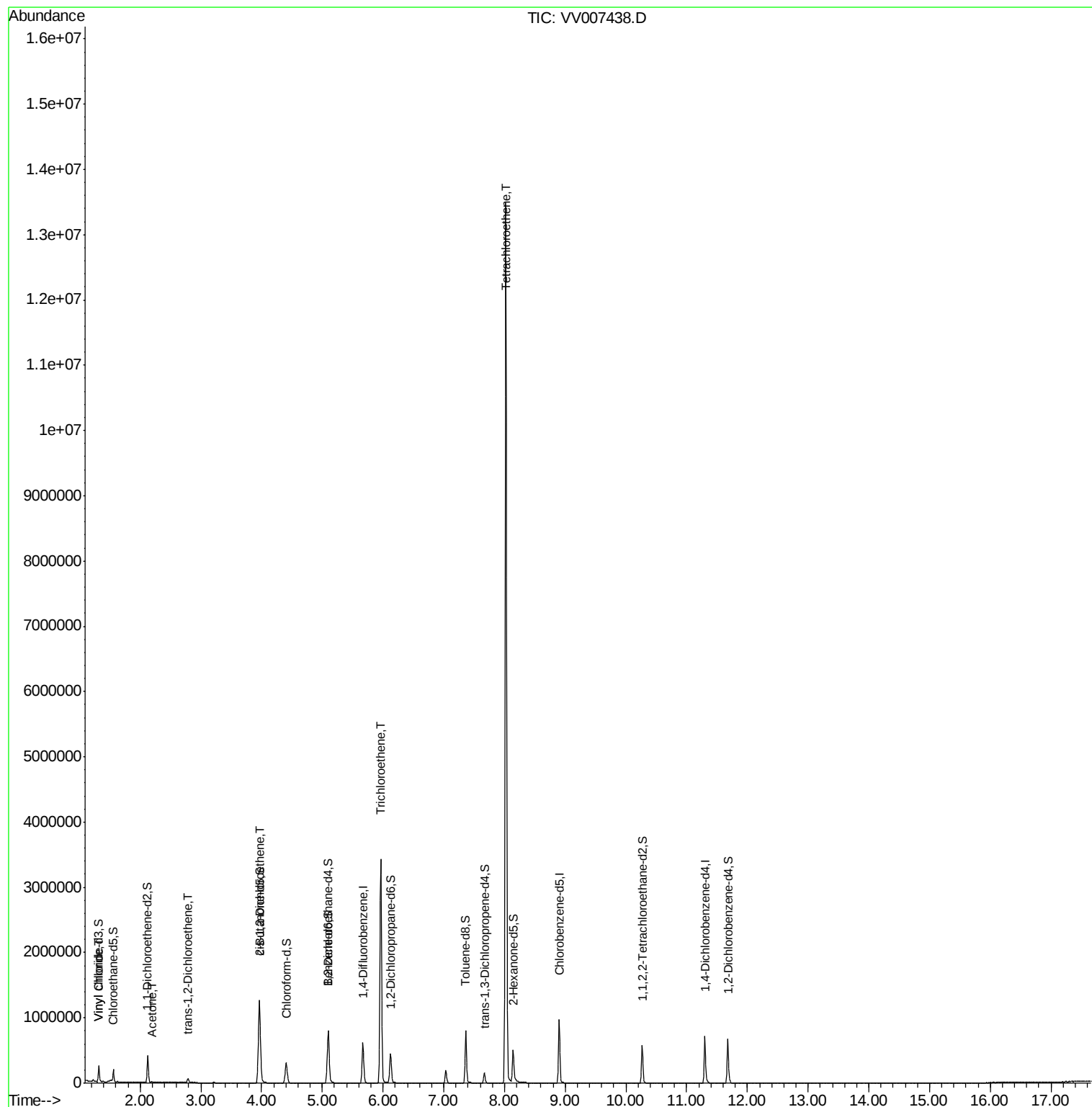
					Ovalue
5) Vinyl chloride	1.33	62	5936	1.29 ug/L	# 50
13) Acetone	2.20	43	8350	4.49 ug/L	90
17) trans-1,2-Dichloroethene	2.79	96	22717	6.13 ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	653555	153.19 ug/L	99
34) Trichloroethene	5.96	95	1197590	280.38 ug/L	98
46) Tetrachloroethene	8.02	164	3142322	914.92 ug/L	98

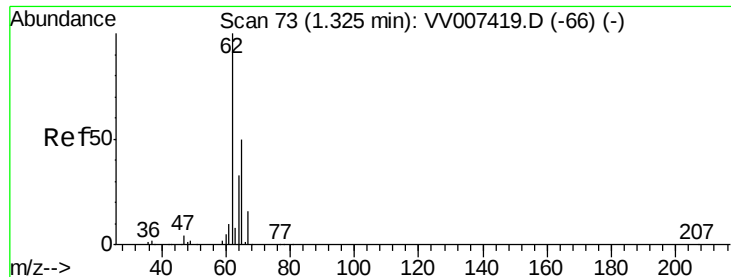
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.29 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV007438.D

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Instrument :

MSVOA_V

ClientSampleId :

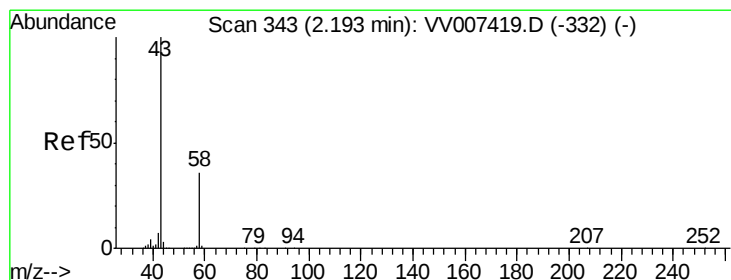
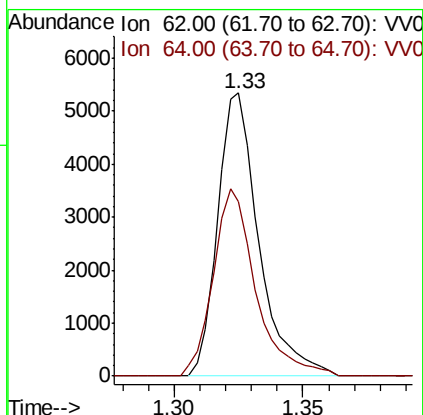
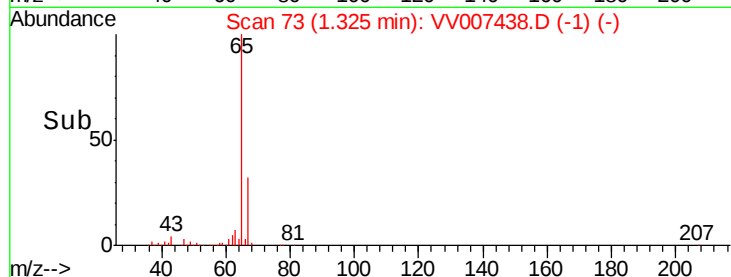
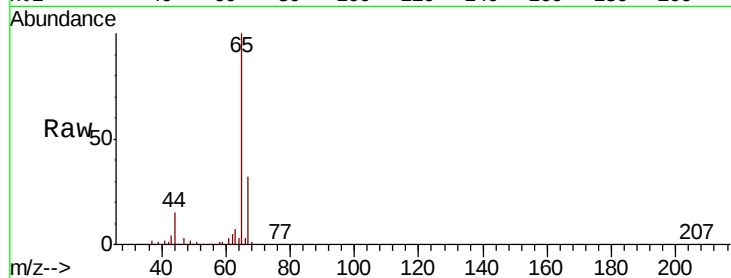
BE67

Tot Ion: 62 Resp: 5936

Ion Ratio Lower Upper

62 100

64 61.6 23.2 43.2#



#13

Acetone

Concen: 4.49 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007438.D

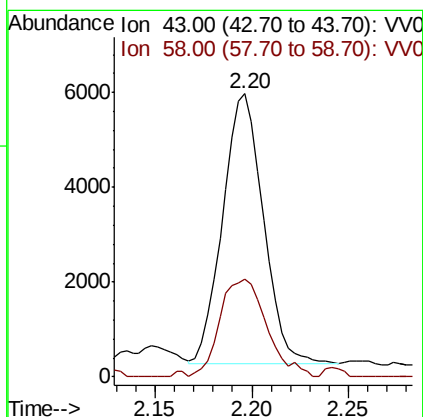
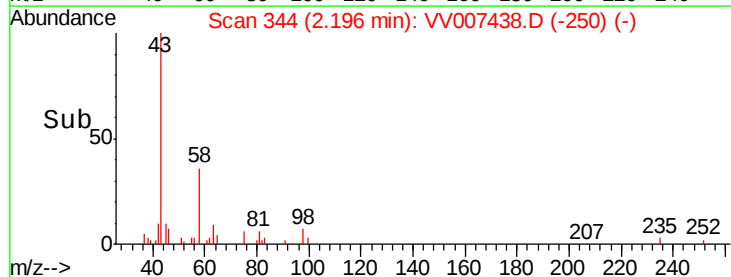
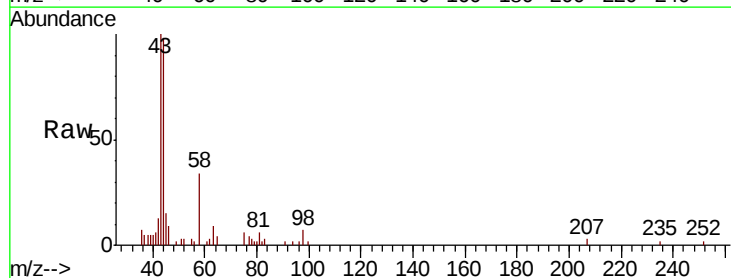
Acq: 06 Sep 2018 22:52

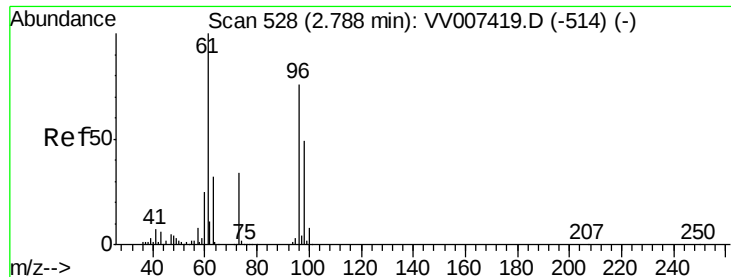
Tgt Ion: 43 Resp: 8350

Ion Ratio Lower Upper

43 100

58 41.4 0.0 71.2





#17

trans-1,2-Dichloroethene

Concen: 6.13 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV007438.D

Acq: 06 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

BE67

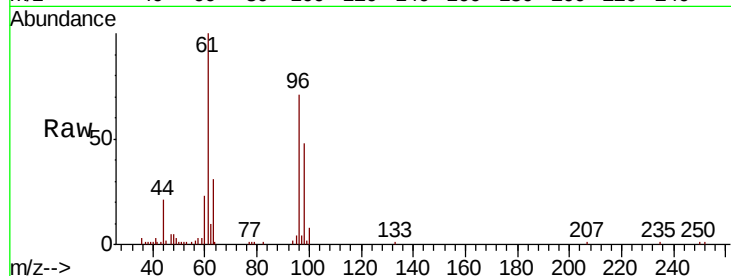
Tot Ion: 96 Resp: 22717

Ion Ratio Lower Upper

96 100

61 141.4 93.1 172.9

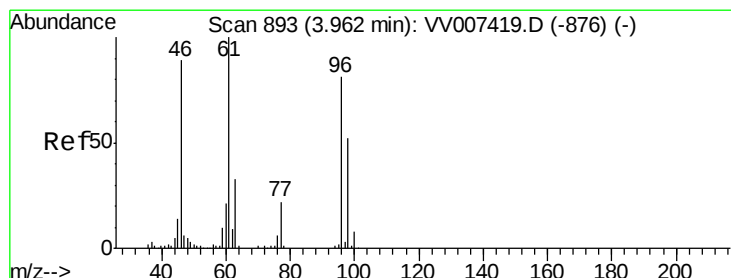
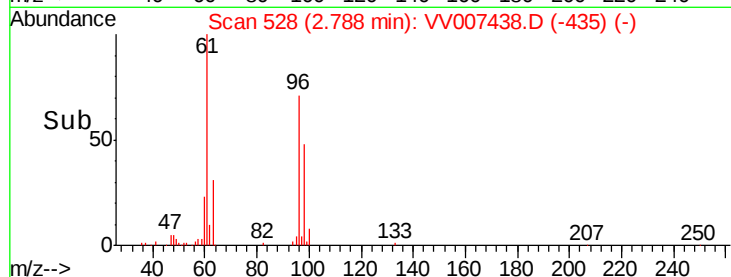
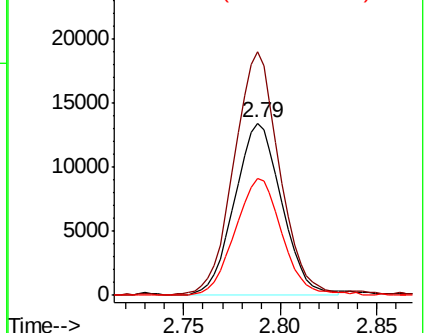
98 67.6 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 153.19 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007438.D

Acq: 06 Sep 2018 22:52

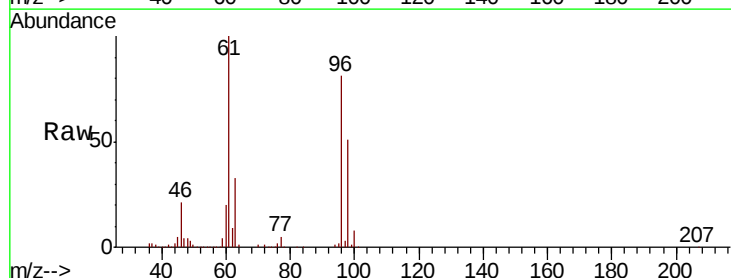
Tgt Ion: 96 Resp: 653555

Ion Ratio Lower Upper

96 100

61 122.7 86.8 161.2

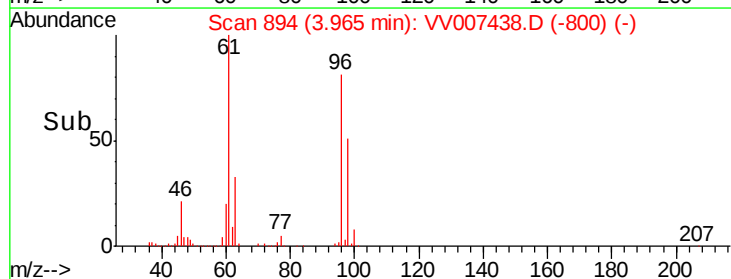
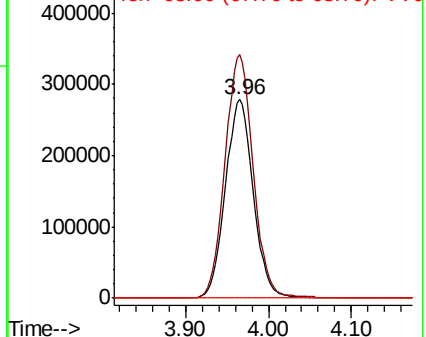
68 0.0 0.0 0.0

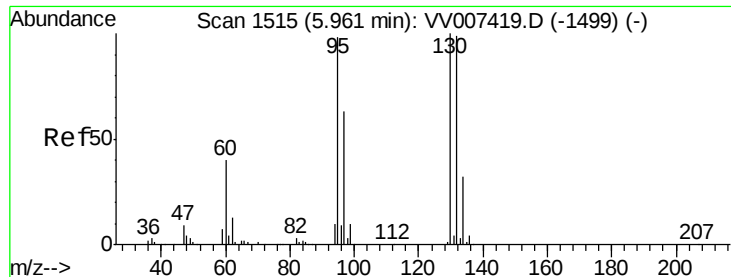


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

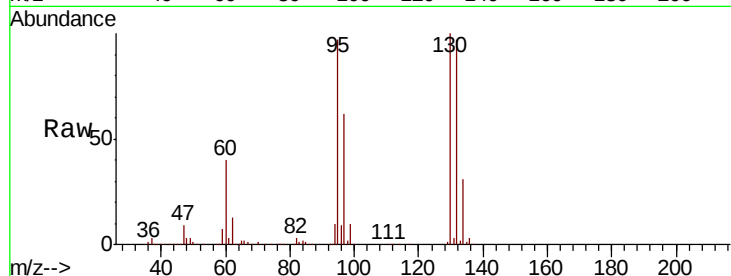




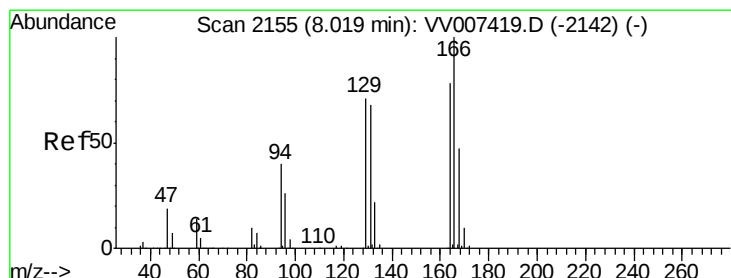
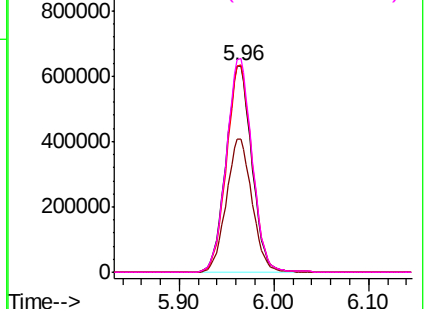
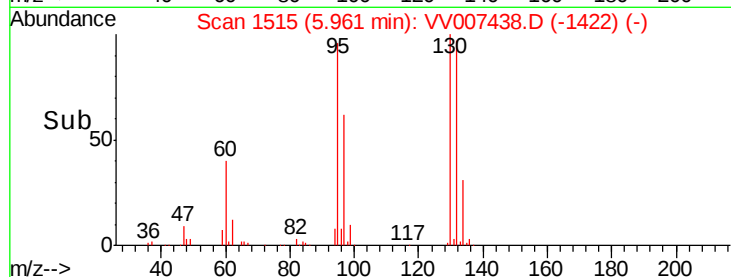
#34
 Trichloroethene
 Concen: 280.38 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV007438.D
 Acq: 06 Sep 2018 22:52

Instrument :
 MSVOA_V
 ClientSampled :
 BEGE7

Tot Ion: 95 Resp: 1197590
 Ion Ratio Lower Upper
 95 100
 97 64.4 46.1 85.7
 132 99.9 70.8 131.6
 130 103.3 73.9 137.3

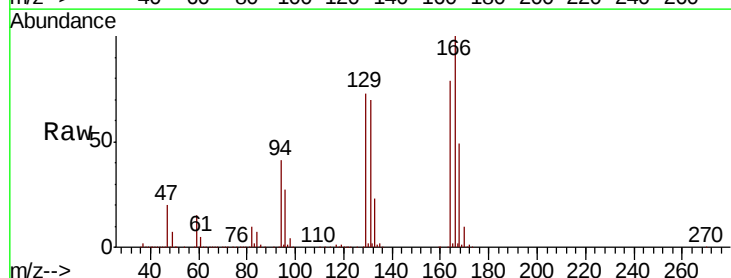


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#46
 Tetrachloroethene
 Concen: 914.92 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007438.D
 Acq: 06 Sep 2018 22:52

Tgt Ion: 164 Resp: 3142322
 Ion Ratio Lower Upper
 164 100
 129 92.1 63.9 118.7
 131 88.6 62.6 116.2
 166 126.4 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): VV0
 Ion 129.00 (128.70 to 129.70): VV0
 Ion 131.00 (130.70 to 131.70): VV0
 Ion 166.00 (165.70 to 166.70): VV0

