

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006061.D
 Acq On : 26 May 2018 17:36
 Operator : SY/MD
 Sample : J3090-12 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 28 03:27:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	166813	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54883	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.56	69	22847	27.73	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.46%#
11) 1,1-Dichloroethene-d2	2.13	63	77278	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	3.95	46	55138	82.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.63%
24) Chloroform-d	4.40	84	103322	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.09	65	71193	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.10	84	205810	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	66148	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.37	98	182288	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.67	79	27398	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.14	63	54983	104.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91821	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	68453	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

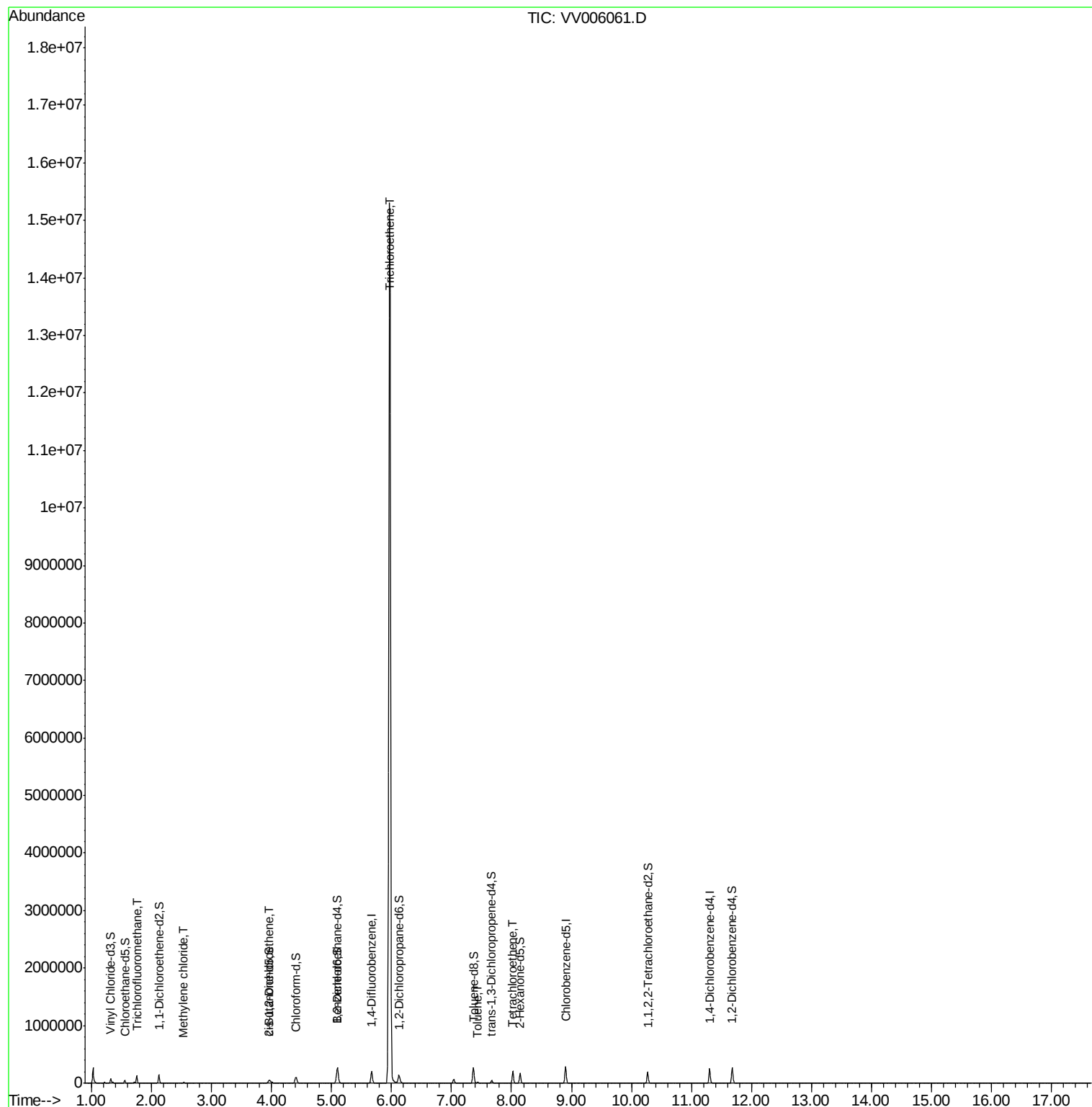
Target Compounds

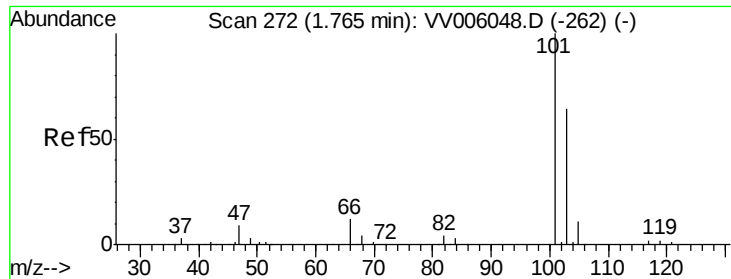
						Ovalue
9) Trichlorofluoromethane	1.76	101	75503	38.19	ug/L	99
16) Methylene chloride	2.53	84	3307	2.70	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	4578	3.46	ug/L	91
34) Trichloroethene	5.97	95	5460373	4285.00	ug/L	97
42) Toluene	7.44	91	10836	2.10	ug/L	97
46) Tetrachloroethene	8.02	164	43672	45.60	ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 38.19 ug/L

RT: 1.76 min Scan# 269

Delta R.T. -0.01 min

Lab File: VV006061.D

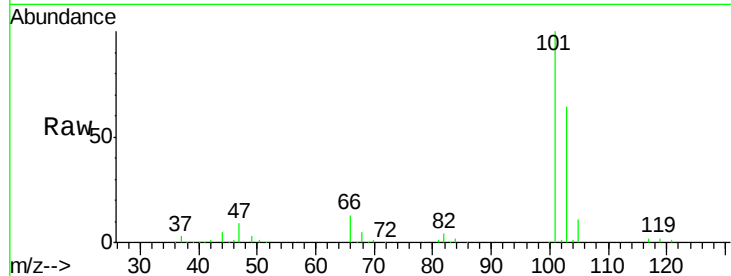
Acq: 26 May 2018 17:36

Tot Ion:101 Resp: 75503

Ion Ratio Lower Upper

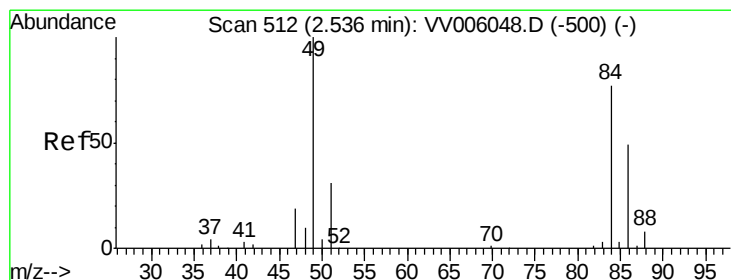
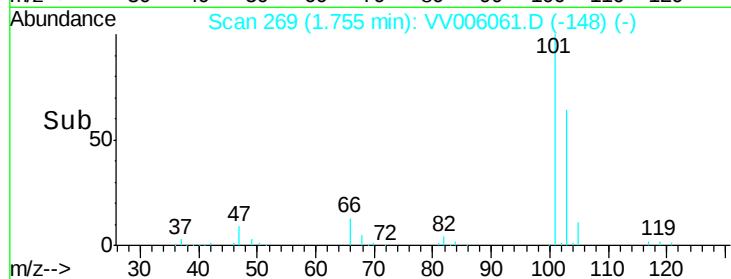
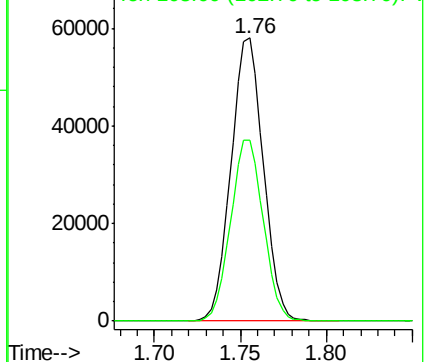
101 100

103 64.9 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#16

Methylene chloride

Concen: 2.70 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

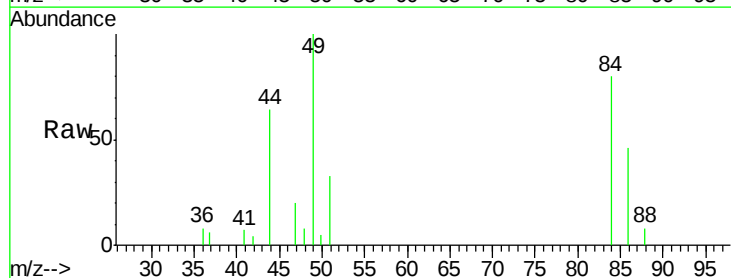
Tgt Ion: 84 Resp: 3307

Ion Ratio Lower Upper

84 100

86 57.4 45.1 83.7

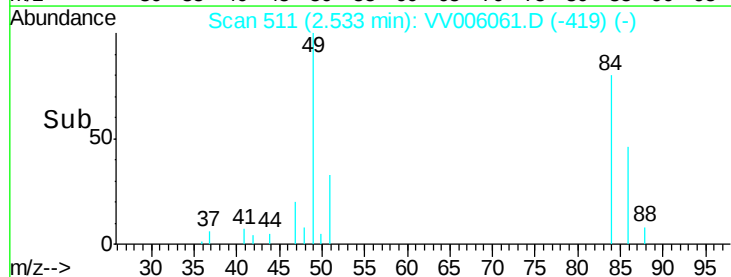
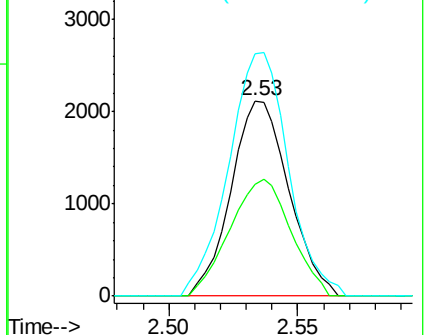
49 124.2 90.2 167.6

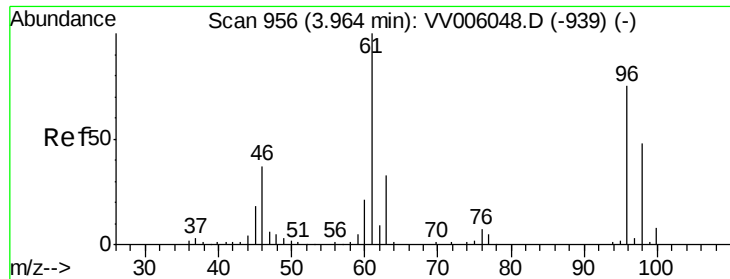


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 3.46 ug/L

RT: 3.96 min Scan# 955

Delta R.T. -0.00 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

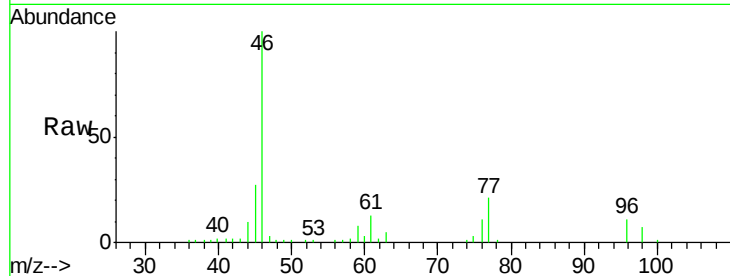
Tot Ion: 96 Resp: 4578

Ion Ratio Lower Upper

96 100

61 118.3 89.9 167.0

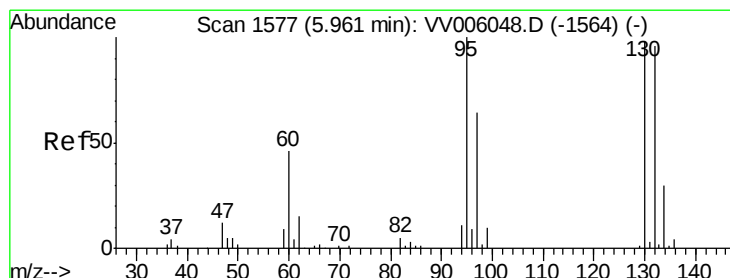
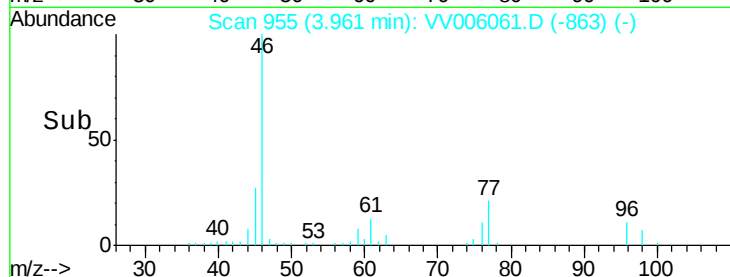
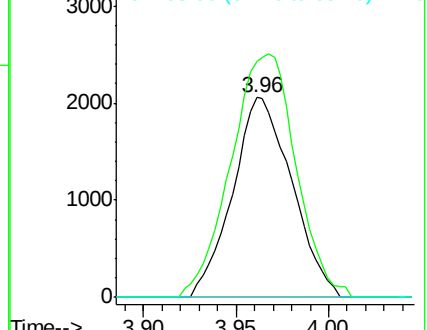
68 0.0 0.0 0.0



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: 4285.00 ug/L

RT: 5.97 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

Tgt Ion: 95 Resp: 5460373

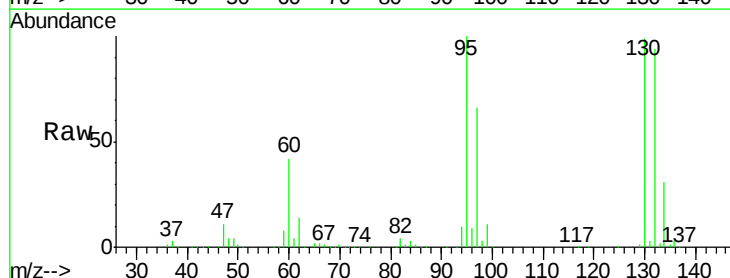
Ion Ratio Lower Upper

95 100

97 65.8 44.0 81.6

132 94.4 65.0 120.6

130 98.6 66.6 123.8

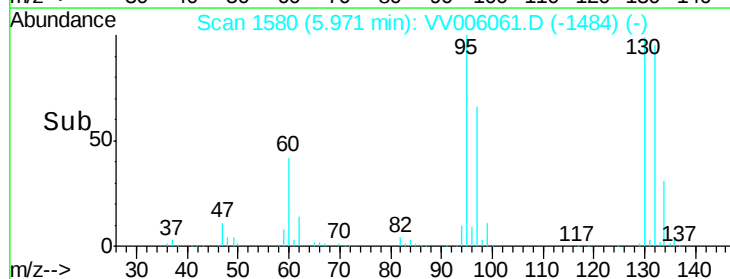
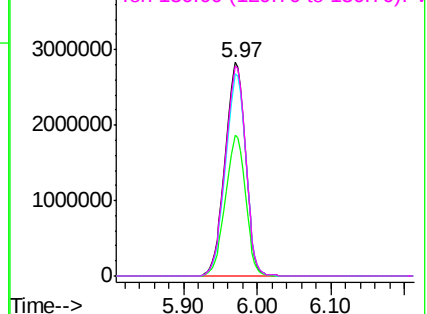


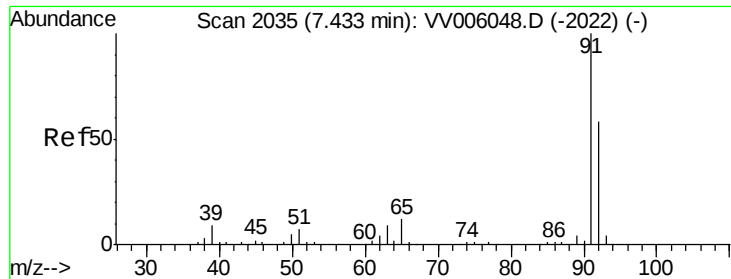
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 2.10 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006061.D

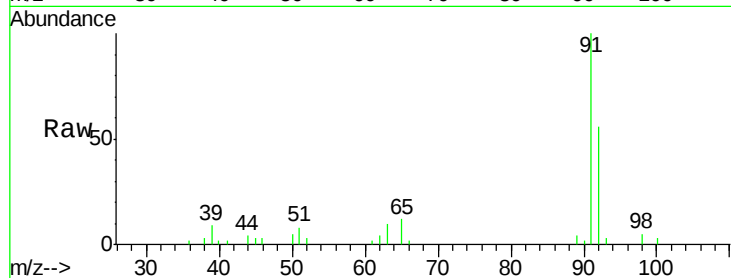
Acq: 26 May 2018 17:36

Tot Ion: 91 Resp: 10836

Ion Ratio Lower Upper

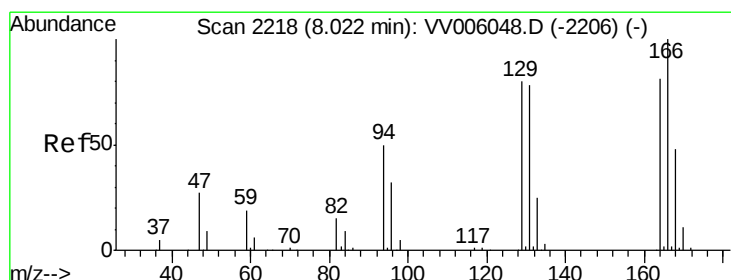
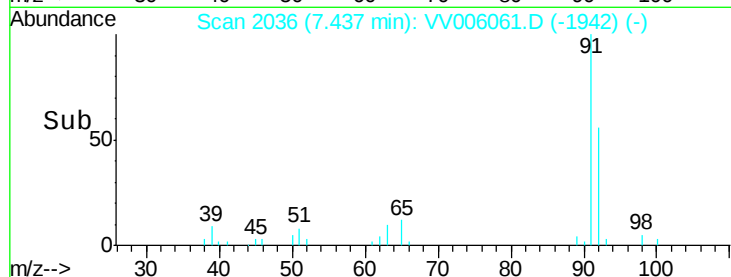
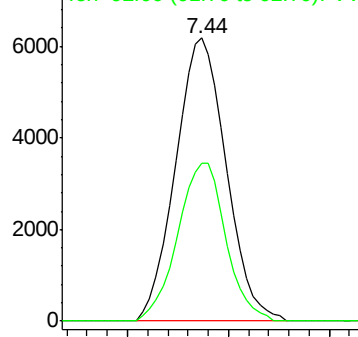
91 100

92 55.9 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#46

Tetrachloroethene

Concen: 45.60 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

Tgt Ion: 164 Resp: 43672

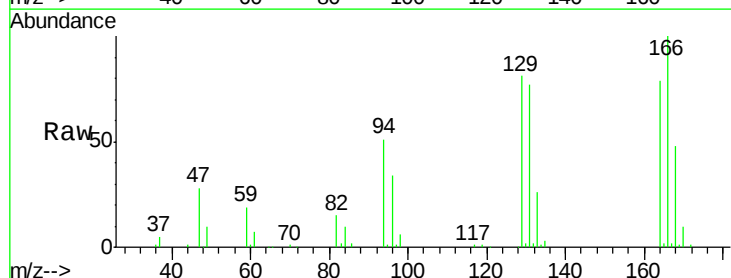
Ion Ratio Lower Upper

164 100

129 102.4 72.2 134.2

131 97.2 70.0 130.0

166 126.0 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

