

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006062.D
 Acq On : 26 May 2018 18:02
 Operator : SY/MD
 Sample : J3090-13 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 03:30:21 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	169372	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66465	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55871	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.46%
7) Chloroethane-d5	1.55	69	16785	20.07	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.14%#
11) 1,1-Dichloroethene-d2	2.12	63	79360	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	3.95	46	54581	80.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.56%
24) Chloroform-d	4.40	84	106149	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	72549	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.10	84	208007	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	67369	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.36	98	186471	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.67	79	26925	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.14	63	55497	104.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.95%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92691	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	69150	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

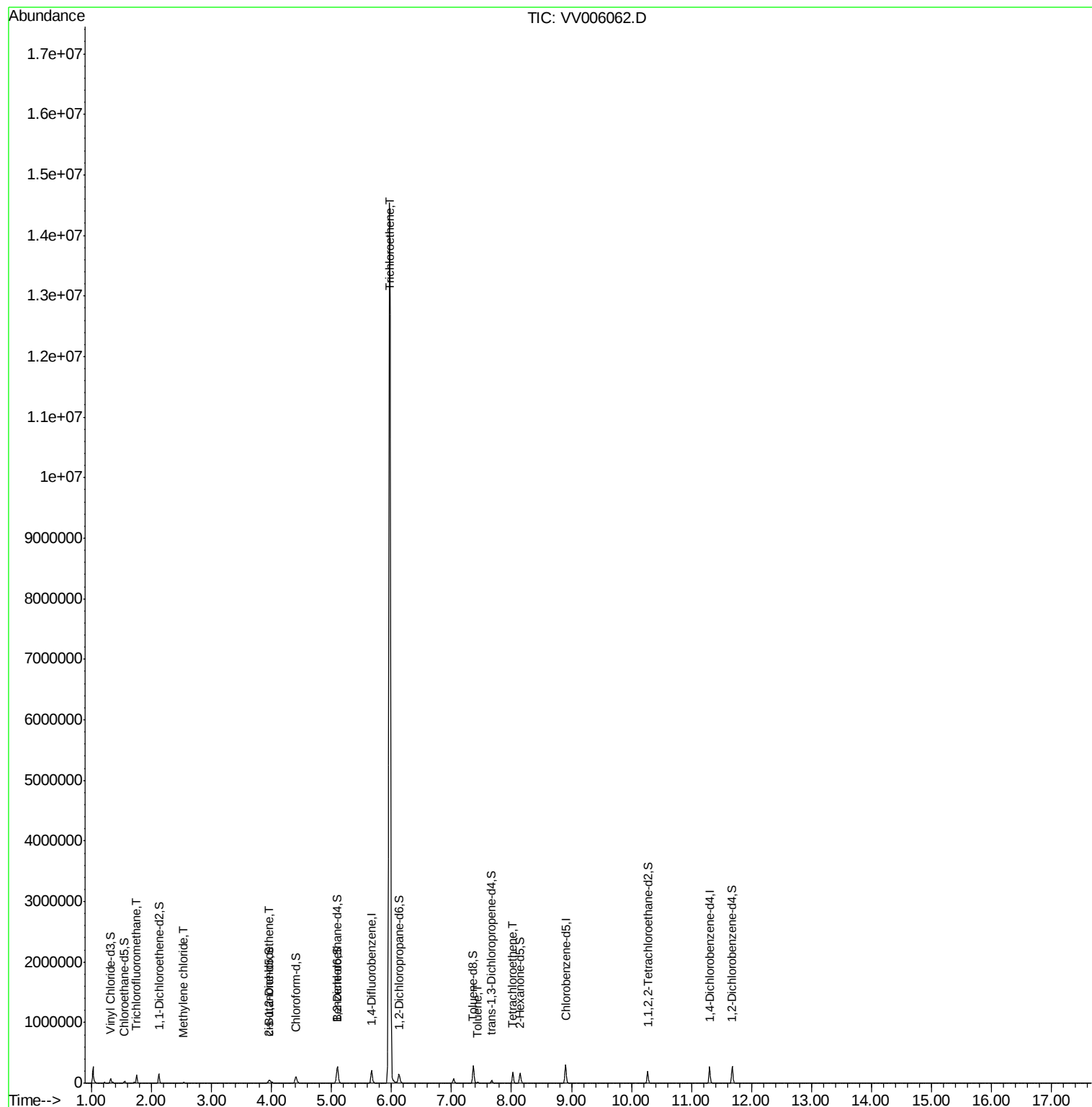
Target Compounds

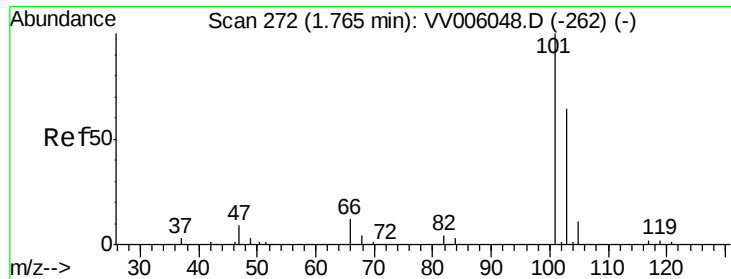
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.75	101	72821	36.28	ug/L	97
16) Methylene chloride	2.53	84	3256	2.61	ug/L	90
20) cis-1,2-Dichloroethene	3.96	96	4534	3.38	ug/L	95
34) Trichloroethene	5.97	95	5164833	4018.23	ug/L	97
42) Toluene	7.44	91	9526	1.83	ug/L	97
46) Tetrachloroethene	8.02	164	37620	38.94	ug/L	99

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

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#9

Trichlorofluoromethane

Concen: 36.28 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

Lab File: VV006062.D

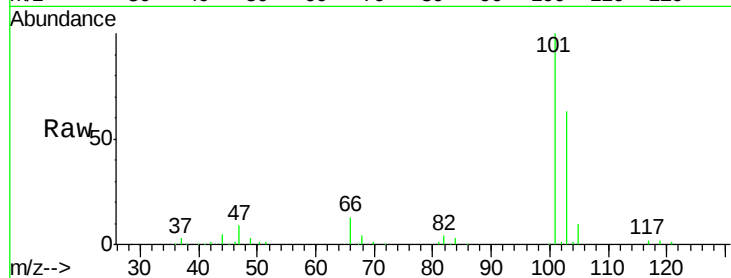
Acq: 26 May 2018 18:02

Tot Ion: 101 Resp: 72821

Ion Ratio Lower Upper

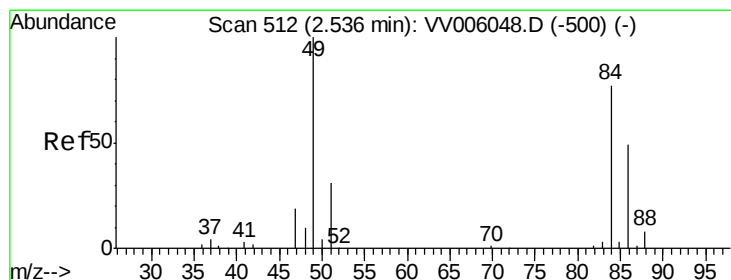
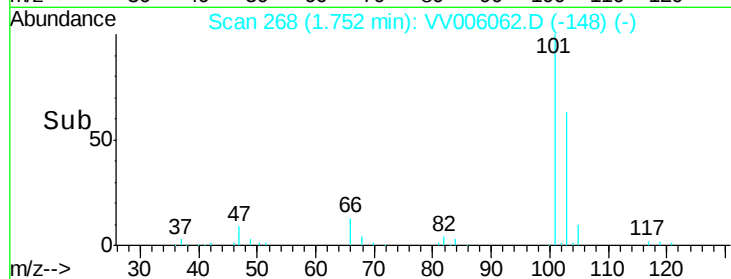
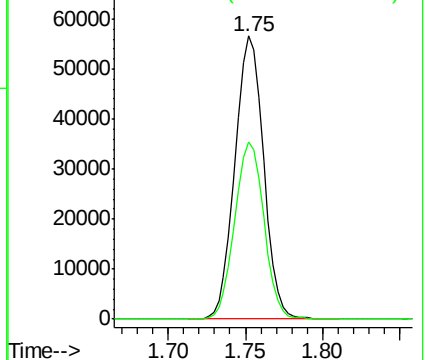
101 100

103 63.7 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: 2.61 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: VV006062.D

Acq: 26 May 2018 18:02

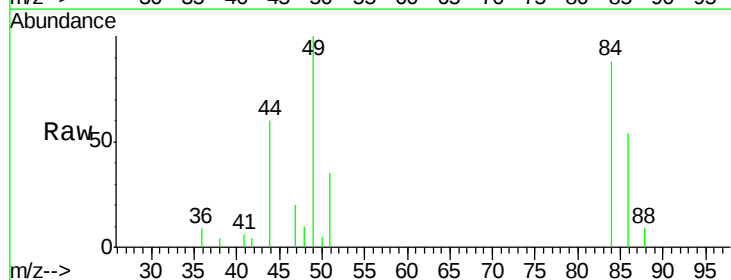
Tgt Ion: 84 Resp: 3256

Ion Ratio Lower Upper

84 100

86 61.1 45.1 83.7

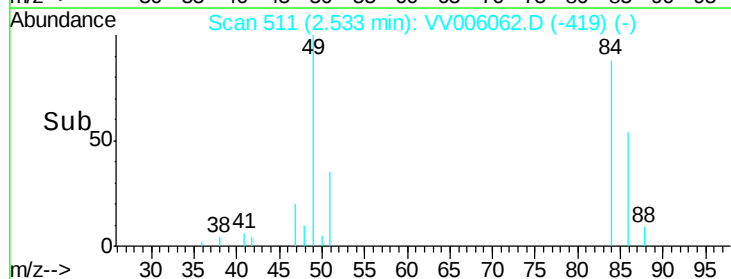
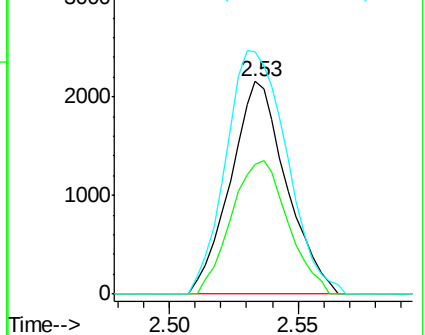
49 113.7 90.2 167.6

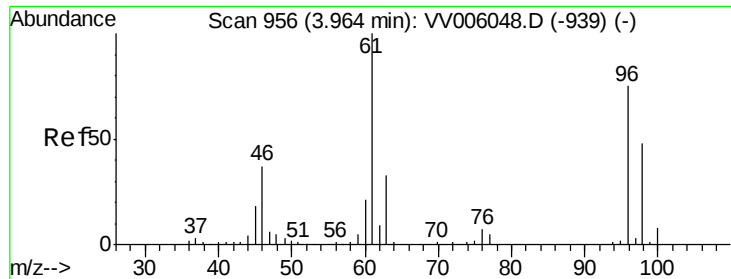


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

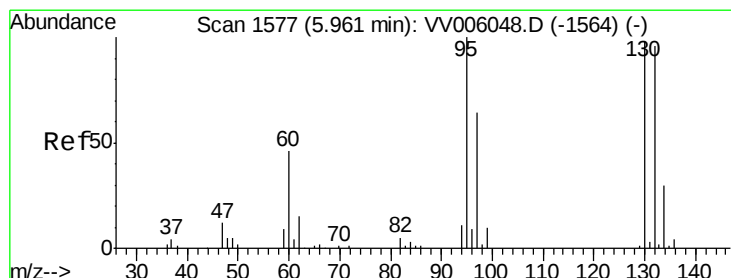
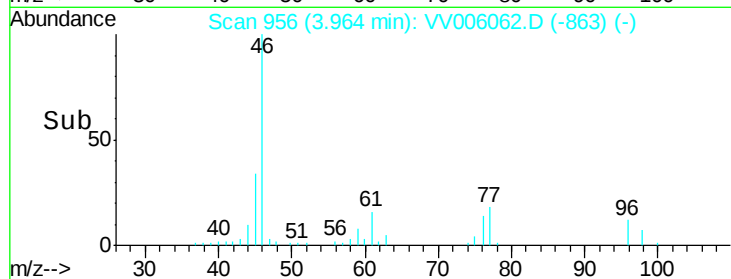
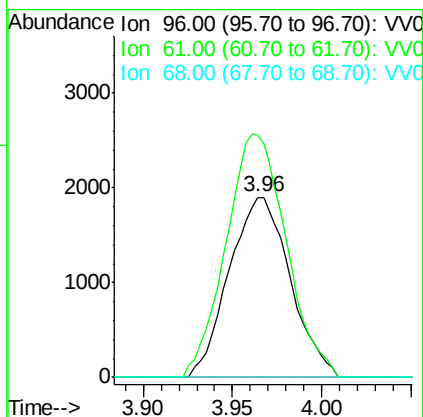
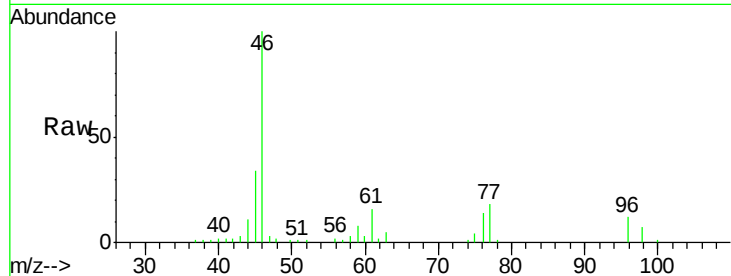
Ion 49.00 (48.70 to 49.70): VV0





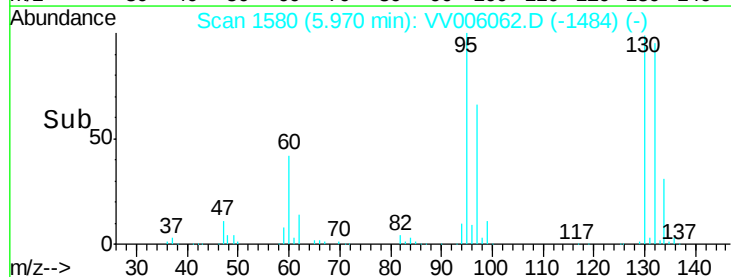
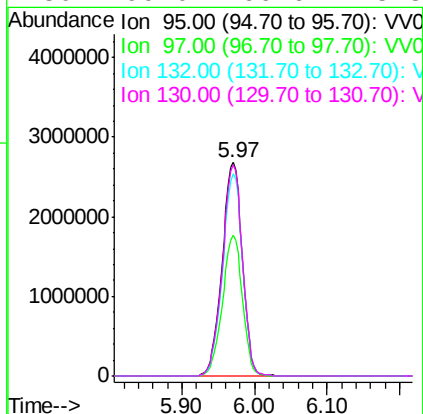
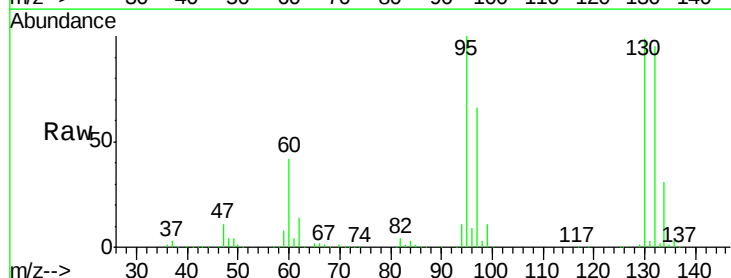
#20
 cis-1,2-Dichloroethene
 Concen: 3.38 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV006062.D
 Acq: 26 May 2018 18:02

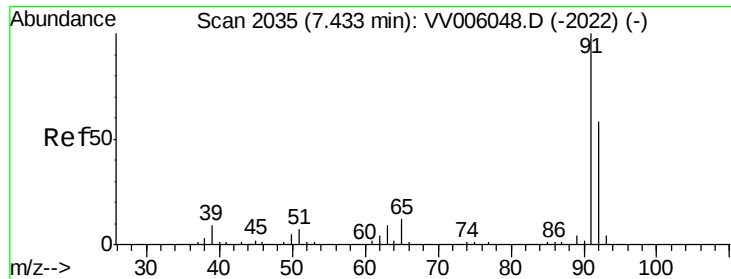
Tot Ion: 96 Resp: 4534
 Ion Ratio Lower Upper
 96 100
 61 134.7 89.9 167.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4018.23 ug/L
 RT: 5.97 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VV006062.D
 Acq: 26 May 2018 18:02

Tgt Ion: 95 Resp: 5164833
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.0 81.6
 132 94.9 65.0 120.6
 130 99.0 66.6 123.8





#42

Toluene

Concen: 1.83 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006062.D

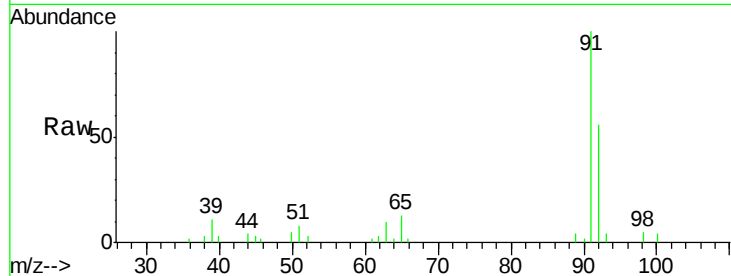
Acq: 26 May 2018 18:02

Tot Ion: 91 Resp: 9526

Ion Ratio Lower Upper

91 100

92 56.0 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006048.D (-2022) (-)

7.44

6000

4000

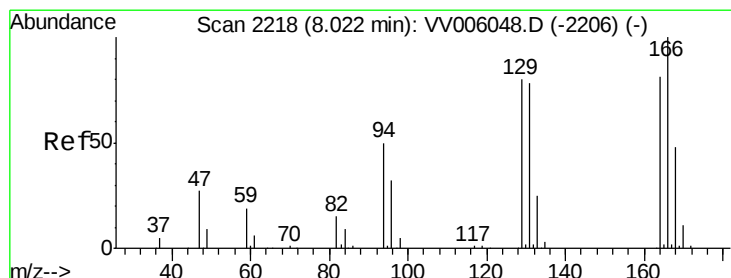
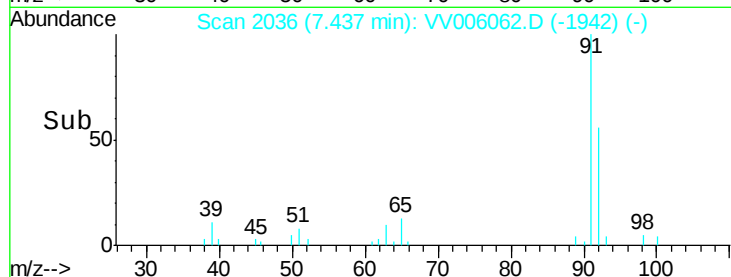
2000

0

Time-->

7.40

7.45



#46

Tetrachloroethene

Concen: 38.94 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006062.D

Acq: 26 May 2018 18:02

Tgt Ion: 164 Resp: 37620

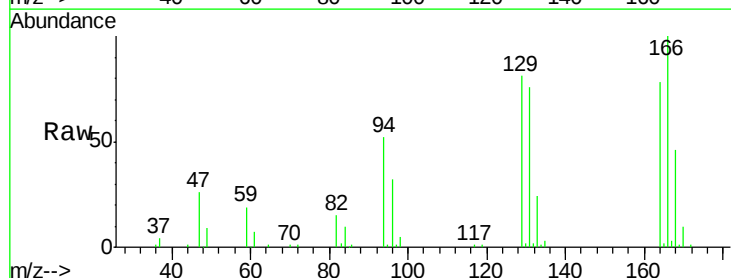
Ion Ratio Lower Upper

164 100

129 103.5 72.2 134.2

131 97.7 70.0 130.0

166 128.2 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV006048.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV006048.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV006048.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VV006048.D (-2206) (-)

8.02

40000

30000

20000

10000

0

Time-->

7.95

8.00

8.05

8.10

