

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006051.D
 Acq On : 26 May 2018 13:17
 Operator : SY/MD
 Sample : J3090-02 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 28 02:17:28 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	169079	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39020	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.08%
7) Chloroethane-d5	1.55	69	11342	13.58	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.16%#
11) 1,1-Dichloroethene-d2	2.13	63	57092	25.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.94%#
21) 2-Butanone-d5	3.95	46	42215	62.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.41%
24) Chloroform-d	4.41	84	76614	34.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.84%#
26) 1,2-Dichloroethane-d4	5.09	65	50375	34.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.34%#
32) Benzene-d6	5.10	84	149754	36.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.62%
36) 1,2-Dichloropropane-d6	6.12	67	47610	36.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.70%
41) Toluene-d8	7.36	98	127496	33.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.76%#
43) trans-1,3-Dichloropropene-	7.67	79	19784	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
47) 2-Hexanone-d5	8.14	63	35974	70.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64159	36.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	46574	37.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.54%#

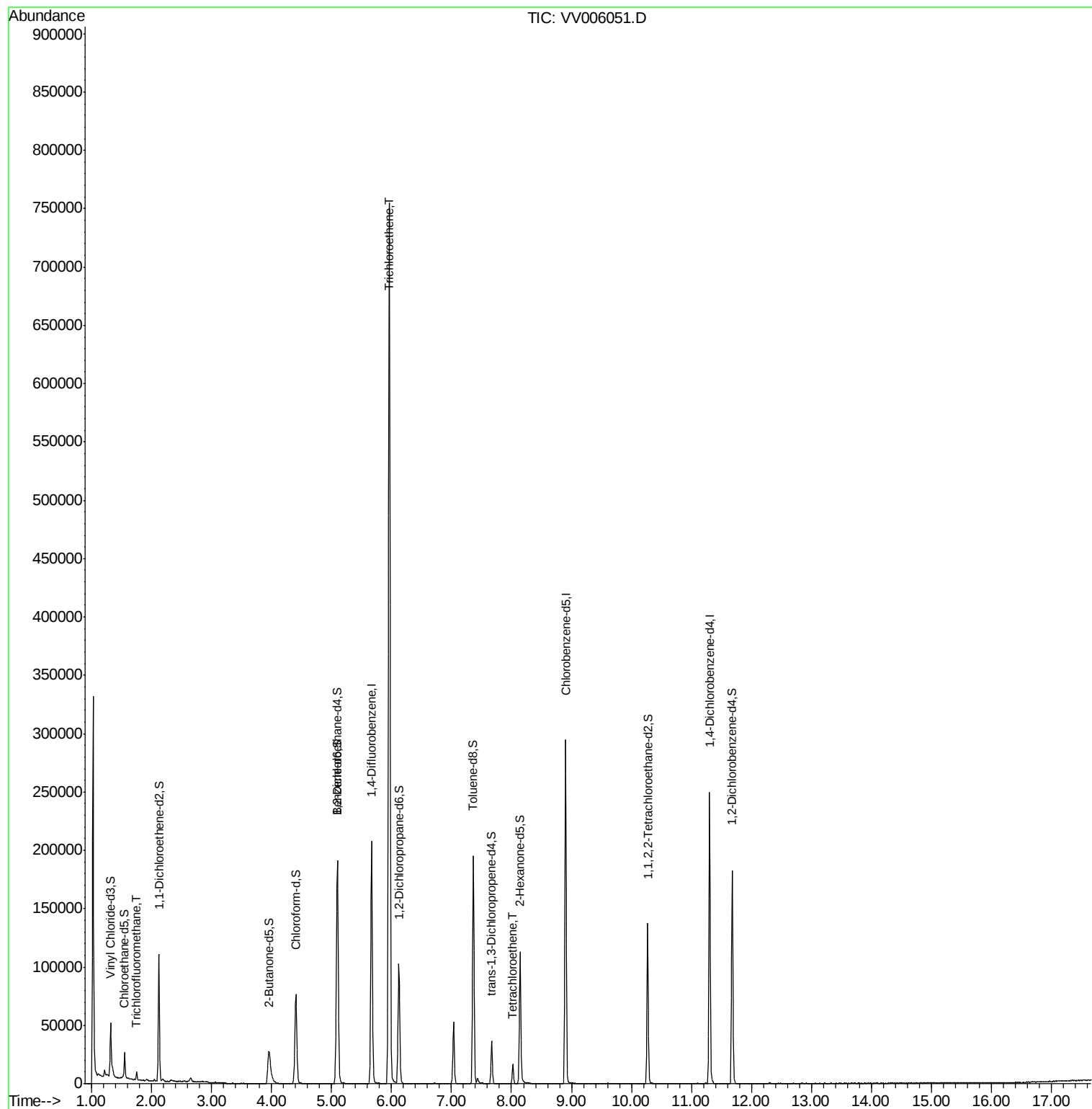
Target Compounds

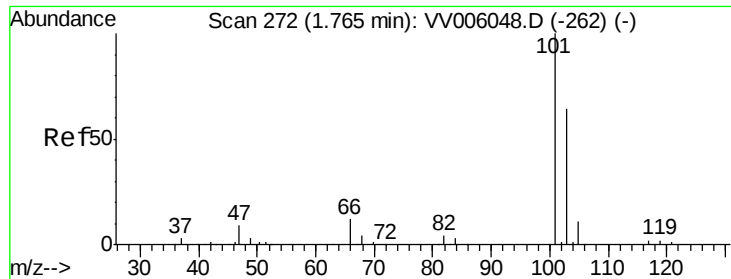
					Ovalue
9) Trichlorofluoromethane	1.75	101	3356	1.67 ug/L	99
34) Trichloroethene	5.96	95	263835	213.75 ug/L	99
46) Tetrachloroethene	8.02	164	3676	3.96 ug/L	96

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

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#9

Trichlorofluoromethane

Concen: 1.67 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

Lab File: VV006051.D

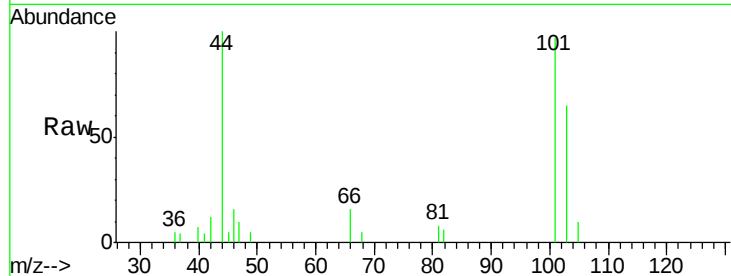
Acq: 26 May 2018 13:17

Tot Ion: 101 Resp: 3356

Ion Ratio Lower Upper

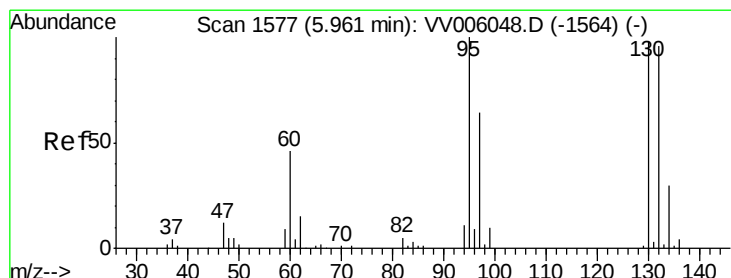
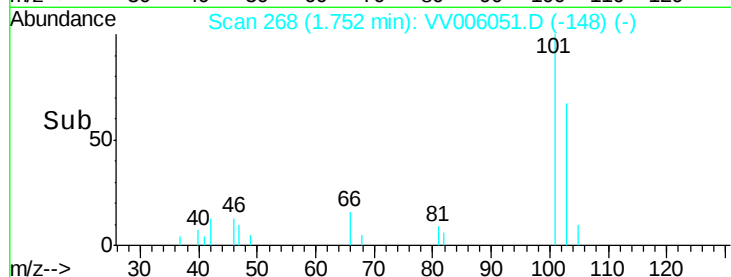
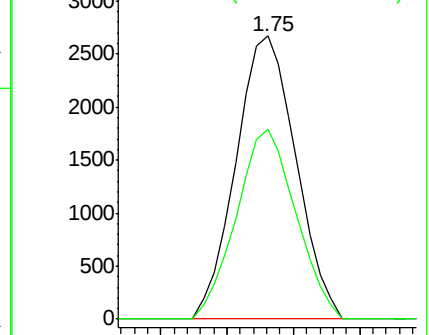
101 100

103 66.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 213.75 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006051.D

Acq: 26 May 2018 13:17

Tgt Ion: 95 Resp: 263835

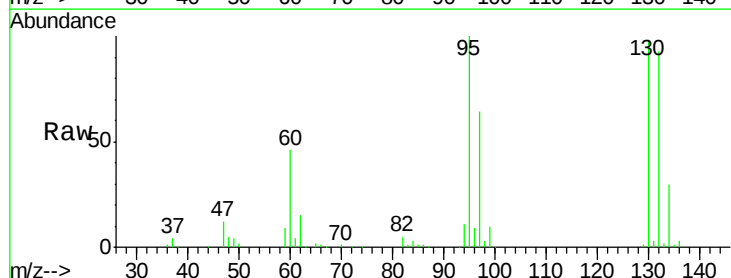
Ion Ratio Lower Upper

95 100

97 63.7 44.0 81.6

132 92.9 65.0 120.6

130 97.9 66.6 123.8

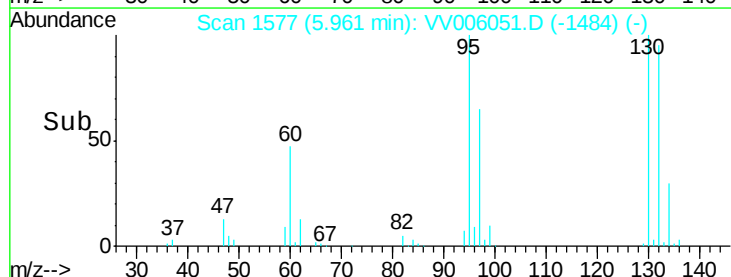
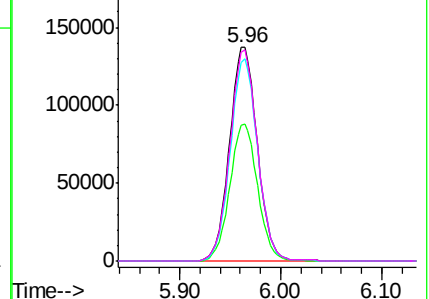


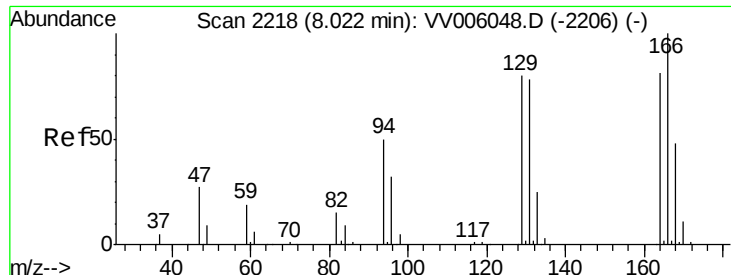
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 3.96 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006051.D

Acq: 26 May 2018 13:17

Tot Ion:164 Resp: 3676

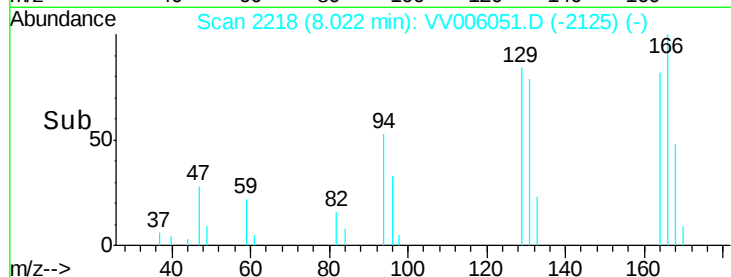
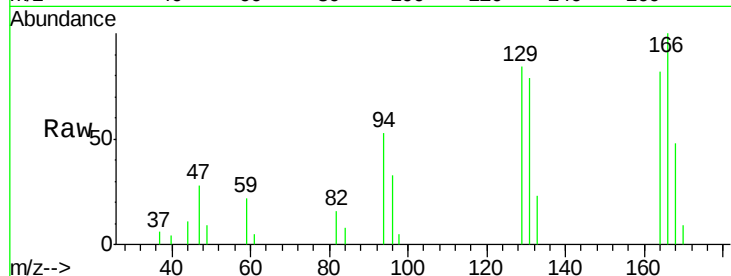
Ion Ratio Lower Upper

164 100

129 102.4 72.2 134.2

131 96.0 70.0 130.0

166 121.9 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

