

Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 02:08:00 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	171883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32174	26.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.60%#
7) Chloroethane-d5	1.55	69	8988	10.59	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.18%#
11) 1,1-Dichloroethene-d2	2.11	63	80828	36.17	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	3.96	46	52293	76.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.05%
24) Chloroform-d	4.40	84	105211	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.09	65	71613	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.10	84	209888	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.12	67	67159	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.72%
41) Toluene-d8	7.36	98	185837	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%
43) trans-1,3-Dichloropropene-	7.67	79	26569	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.15	63	49820	94.10	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87595	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	67703	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.72	101	3569	1.75	ug/L	100
12) 1,1-Dichloroethene	2.12	96	1303	1.23	ug/L #	1
16) Methylene chloride	2.53	84	6708	5.31	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	19515	14.32	ug/L	96
34) Trichloroethene	5.96	95	3232345	2511.73	ug/L	97
35) Methylcyclohexane	6.12	83	16144	8.06	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7501	5.60	ug/L #	87
42) Toluene	7.44	91	14227	2.73	ug/L	99
46) Tetrachloroethene	8.02	164	3157	3.26	ug/L	96
48) 2-Hexanone	8.15	43	6861	5.05	ug/L #	74
49) Dibromochloromethane	8.02	129	3110	2.30	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7931	4.64	ug/L	92

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

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ALS Vial : 19 Sample Multiplier: 1

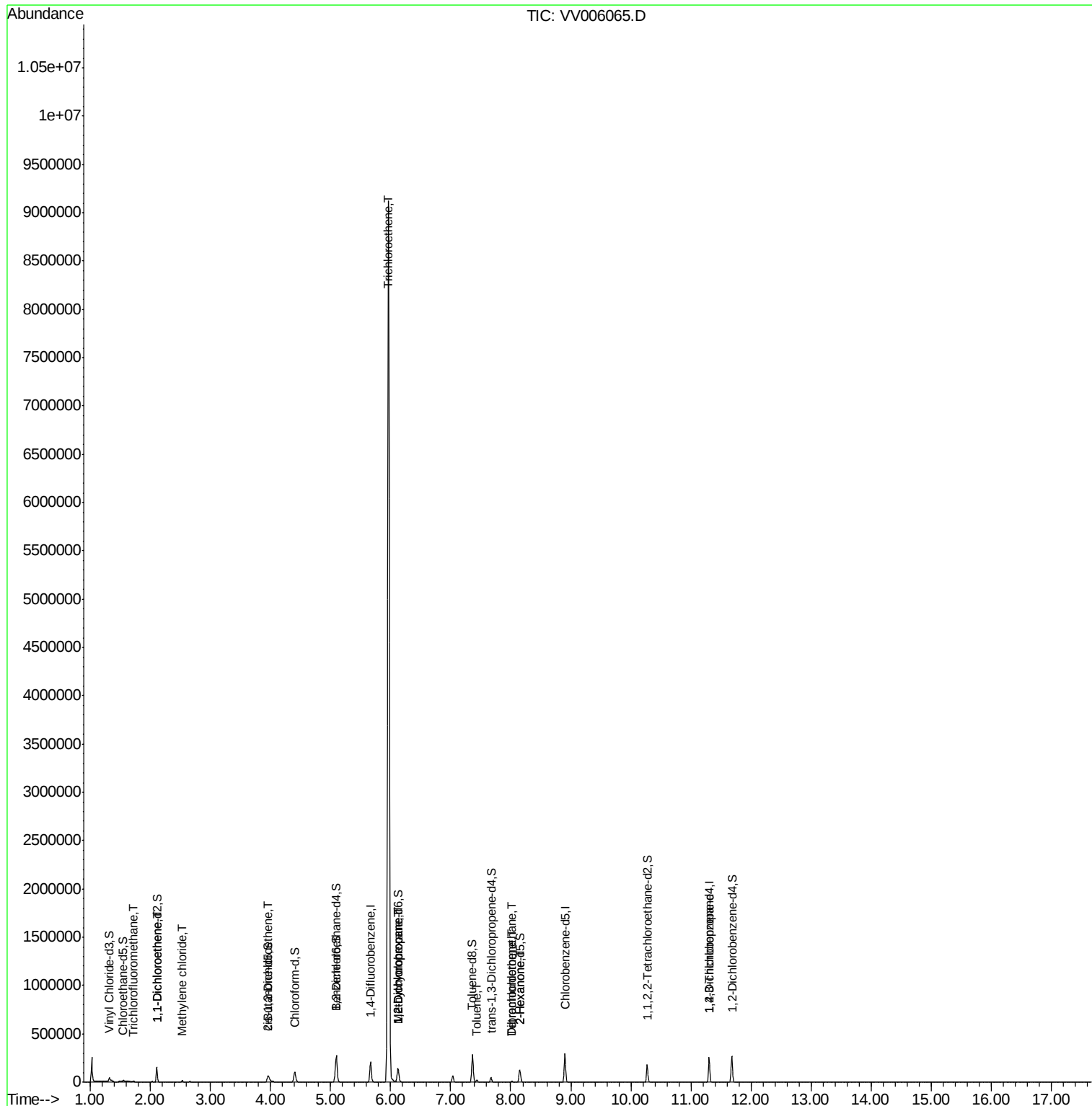
Quant Time: May 28 02:08:00 2018

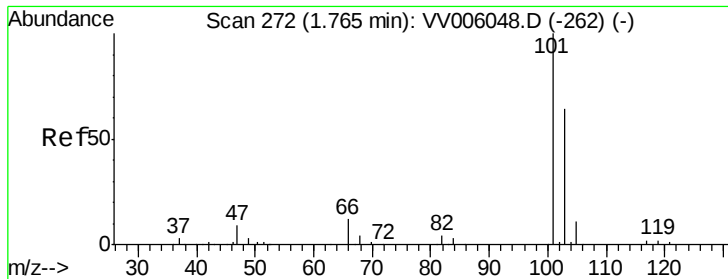
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

QLast Update : Mon May 28 02:03:29 2018

Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.75 ug/L

RT: 1.72 min Scan# 259

Delta R.T. -0.04 min

Lab File: VV006065.D

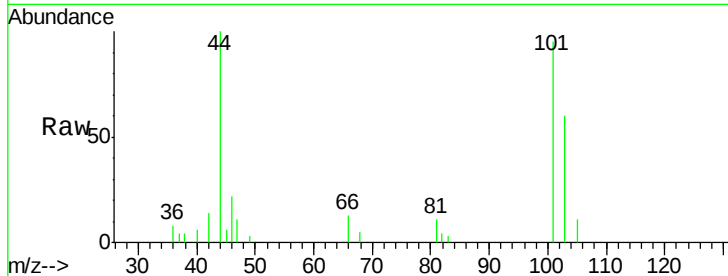
Acq: 26 May 2018 19:19

Tgt Ion: 101 Resp: 3569

Ion Ratio Lower Upper

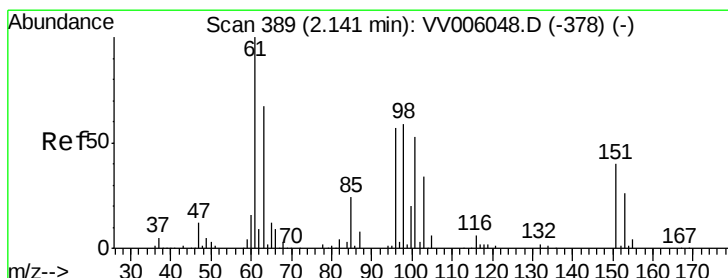
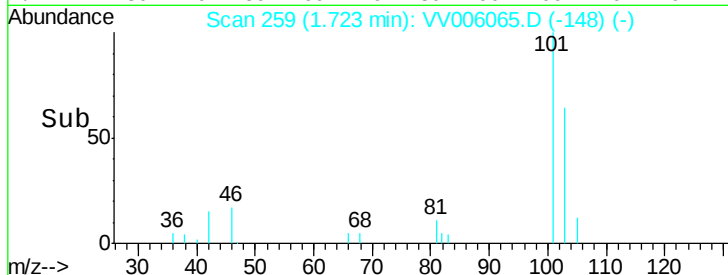
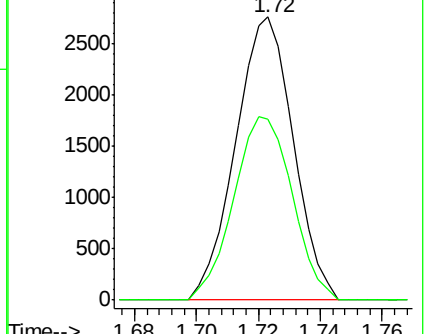
101 100

103 65.8 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 1.23 ug/L

RT: 2.12 min Scan# 382

Delta R.T. -0.02 min

Lab File: VV006065.D

Acq: 26 May 2018 19:19

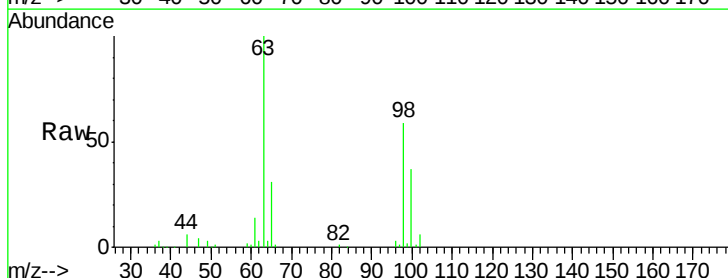
Tgt Ion: 96 Resp: 1303

Ion Ratio Lower Upper

96 100

61 534.7 122.5 227.5#

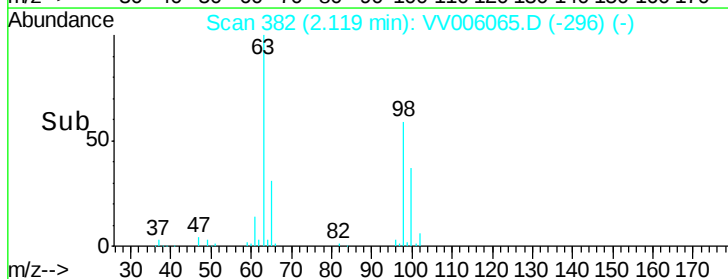
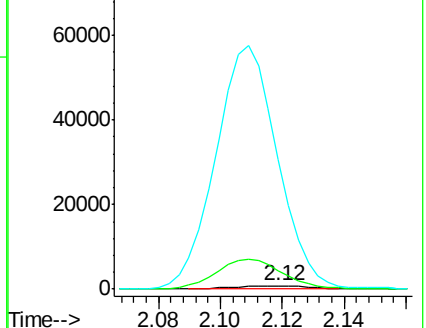
63 3744.0 86.9 161.5#

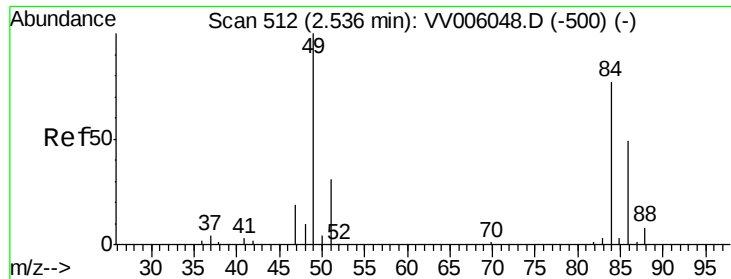


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

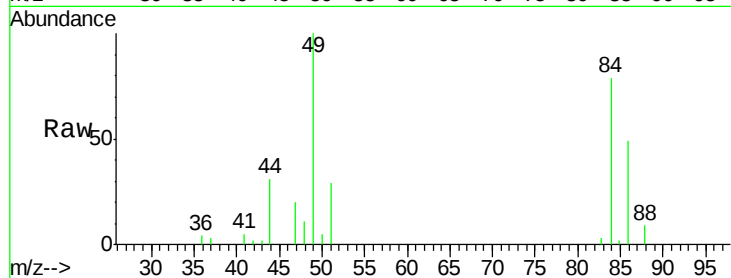
Ion 63.00 (62.70 to 63.70): VV0



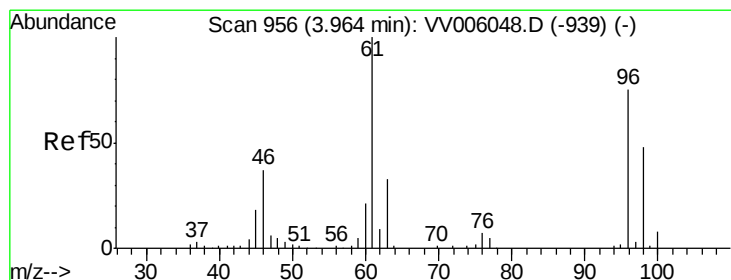
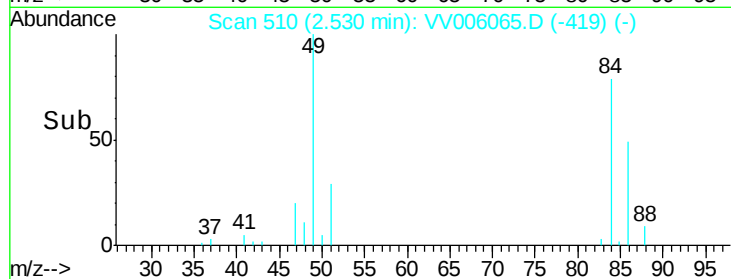
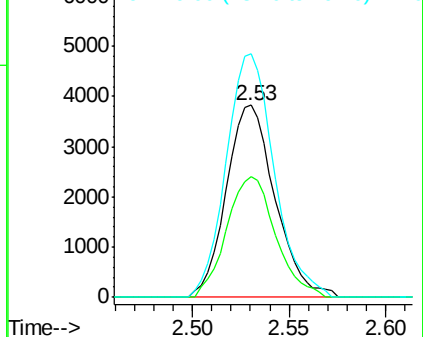


#16
Methylene chloride
Concen: 5.31 ug/L
RT: 2.53 min Scan# 510
Delta R.T. -0.01 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 84 Resp: 6708
Ion Ratio Lower Upper
84 100
86 62.6 45.1 83.7
49 126.9 90.2 167.6

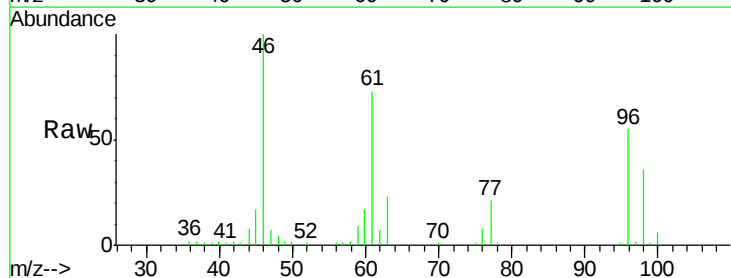


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

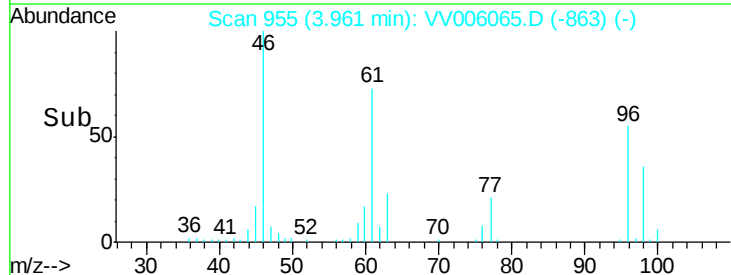
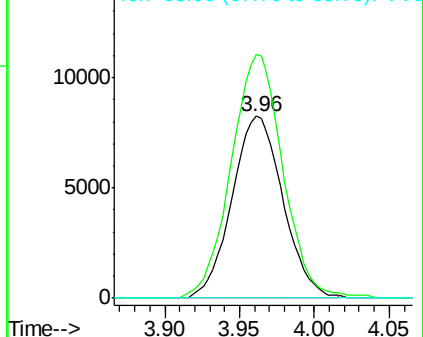


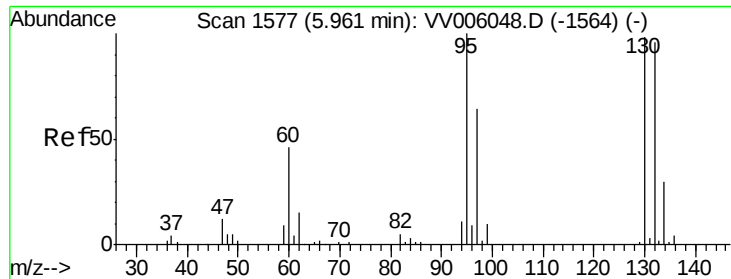
#20
cis-1,2-Dichloroethene
Concen: 14.32 ug/L
RT: 3.96 min Scan# 955
Delta R.T. -0.00 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 96 Resp: 19515
Ion Ratio Lower Upper
96 100
61 133.7 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: 2511.73 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006065.D

Acq: 26 May 2018 19:19

Tgt Ion: 95 Resp: 3232345

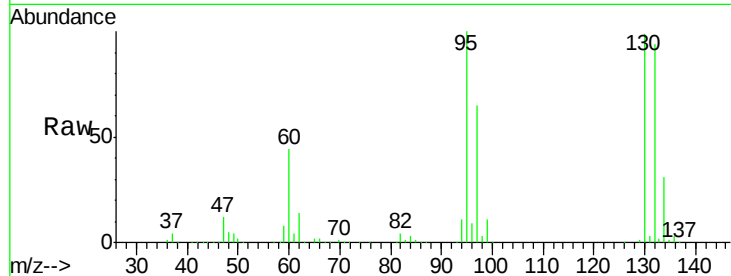
Ion Ratio Lower Upper

95 100

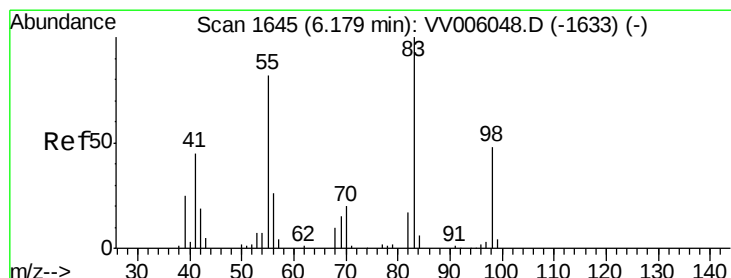
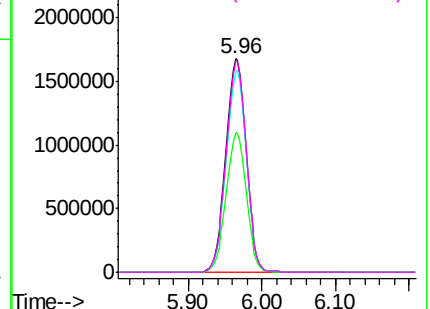
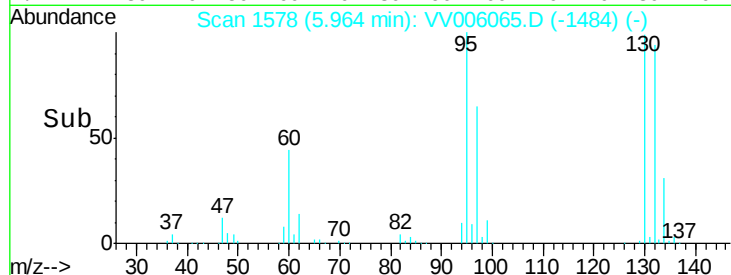
97 65.3 44.0 81.6

132 94.3 65.0 120.6

130 98.6 66.6 123.8



Abundance Ion 95.00 (94.70 to 95.70): VV006048.D (-1564) (-)



#35

Methylcyclohexane

Concen: 8.06 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006065.D

Acq: 26 May 2018 19:19

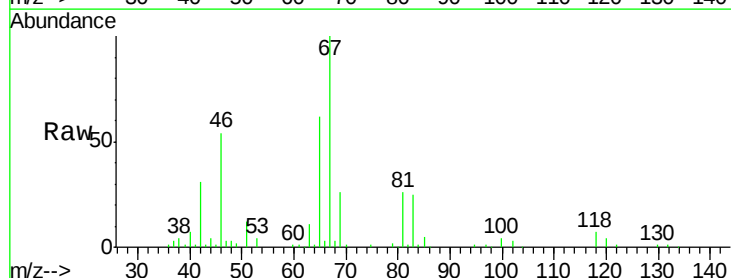
Tgt Ion: 83 Resp: 16144

Ion Ratio Lower Upper

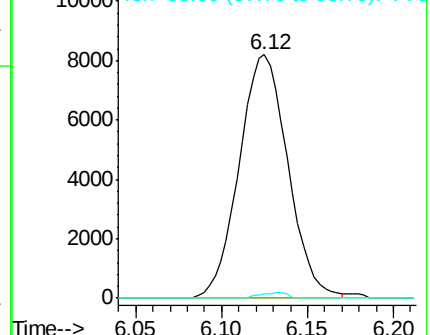
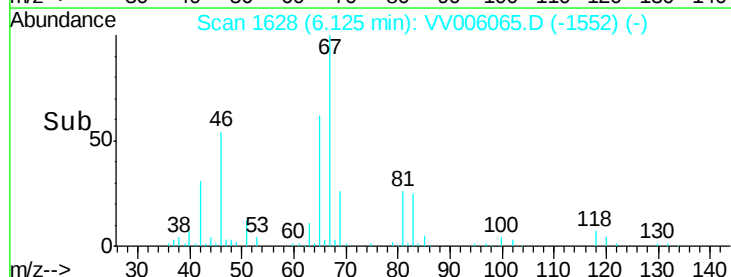
83 100

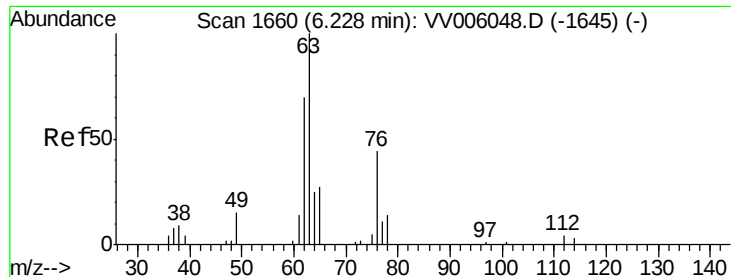
55 0.0 63.1 94.7#

98 0.9 37.8 56.8#



Abundance Ion 83.00 (82.70 to 83.70): VV006048.D (-1633) (-)





#37

1,2-Dichloropropane

Concen: 5.60 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006065.D

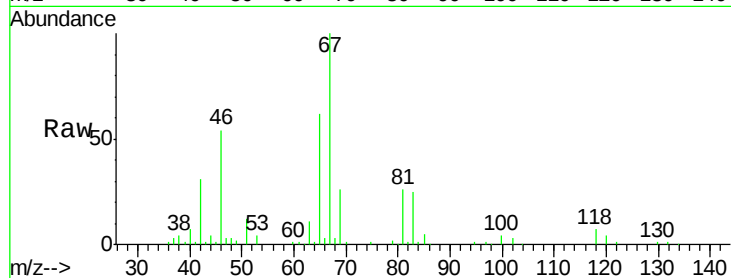
Acq: 26 May 2018 19:19

Tgt Ion: 63 Resp: 7501

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

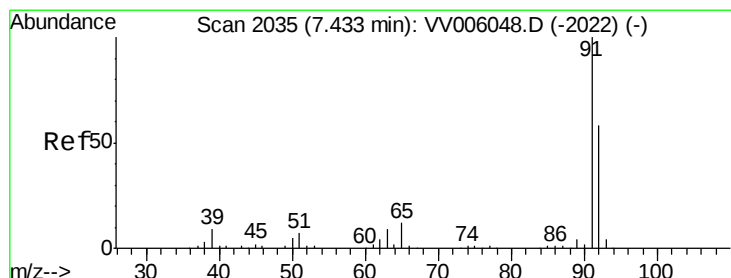
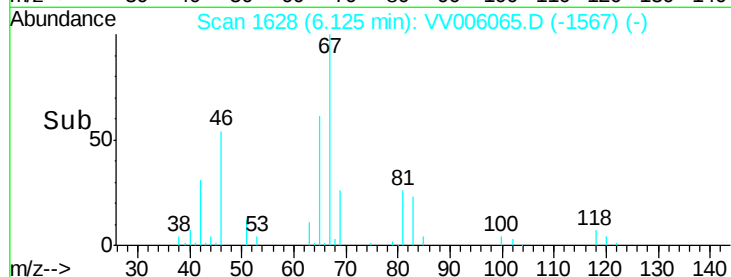


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): VV0



Time-->



#42

Toluene

Concen: 2.73 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006065.D

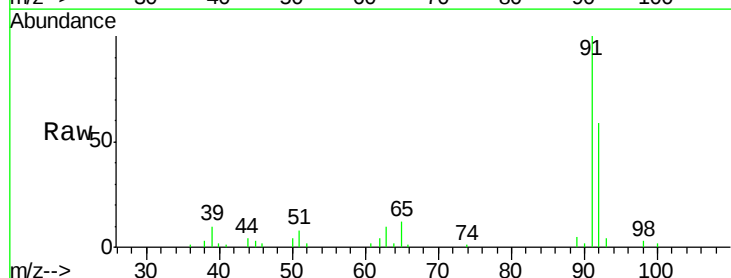
Acq: 26 May 2018 19:19

Tgt Ion: 91 Resp: 14227

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.7

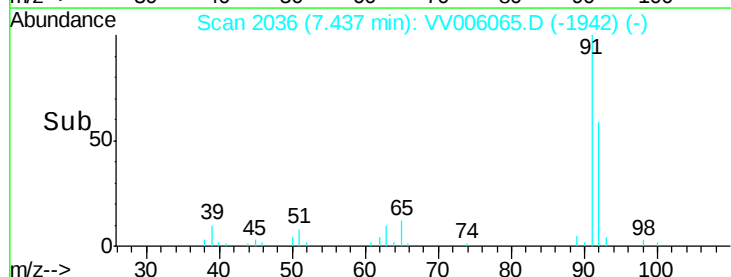


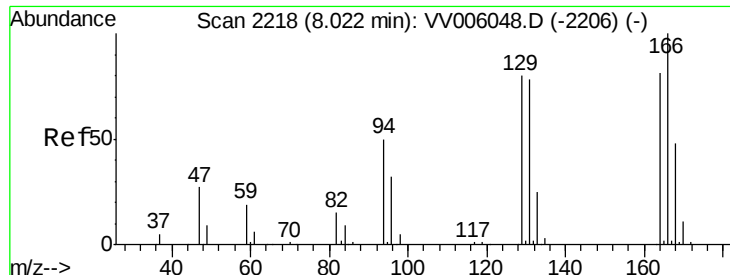
Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



Time-->





#46

Tetrachloroethene

Concen: 3.26 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006065.D

Acq: 26 May 2018 19:19

Tgt Ion: 164 Resp: 3157

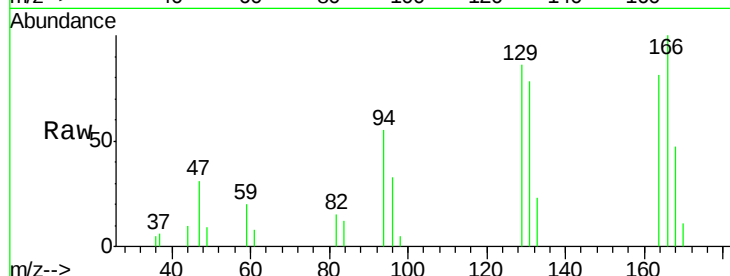
Ion Ratio Lower Upper

164 100

129 105.3 72.2 134.2

131 95.6 70.0 130.0

166 122.8 90.4 167.8

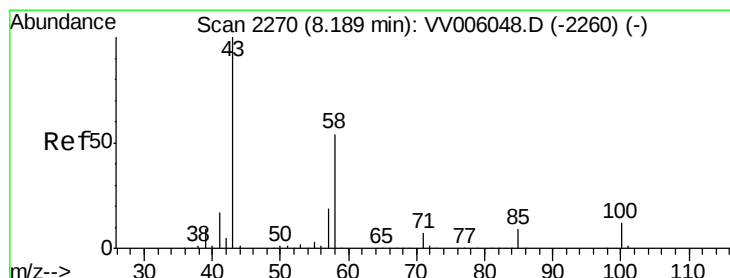
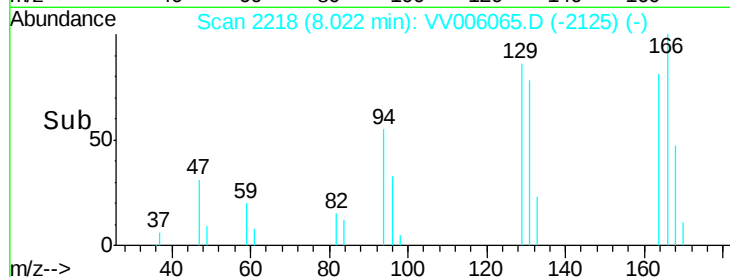
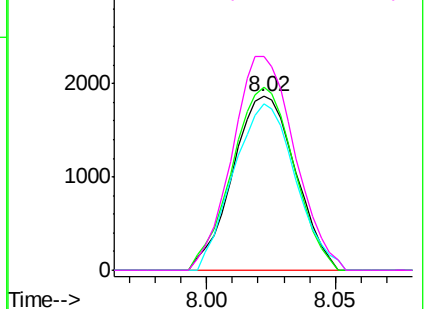


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.05 ug/L

RT: 8.15 min Scan# 2257

Delta R.T. -0.04 min

Lab File: VV006065.D

Acq: 26 May 2018 19:19

Tgt Ion: 43 Resp: 6861

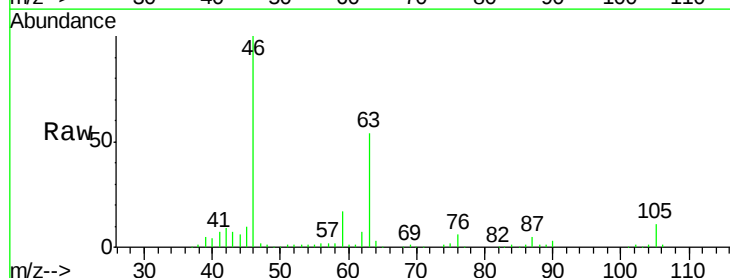
Ion Ratio Lower Upper

43 100

58 36.1 45.4 68.2#

57 28.5 15.9 23.9#

100 0.0 9.8 14.6#

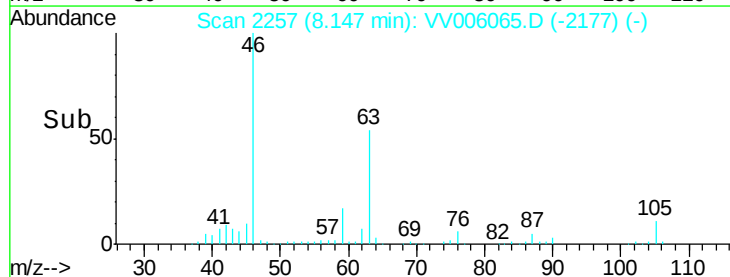
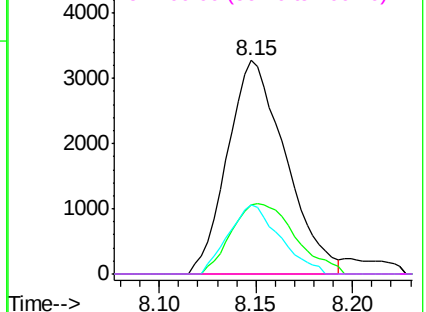


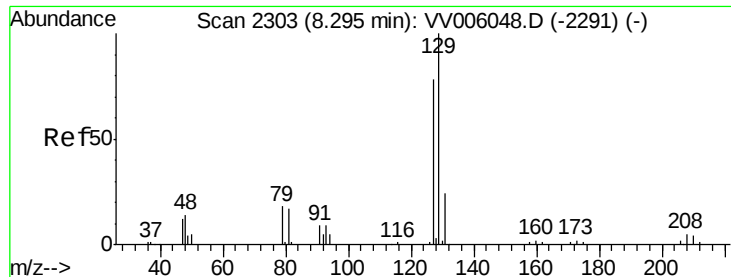
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 2.30 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006065.D

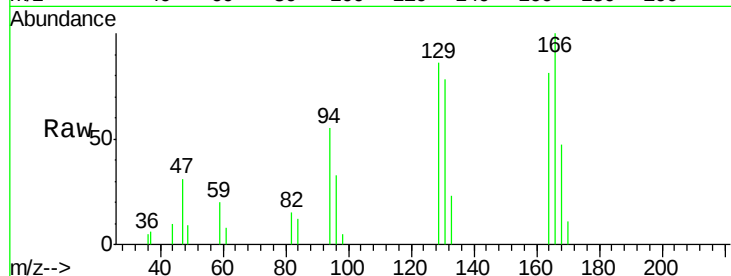
Acq: 26 May 2018 19:19

Tgt Ion: 129 Resp: 3110

Ion Ratio Lower Upper

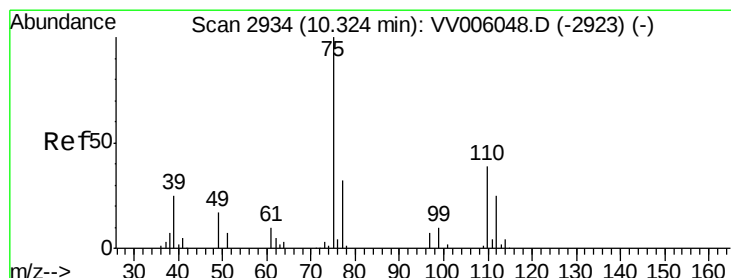
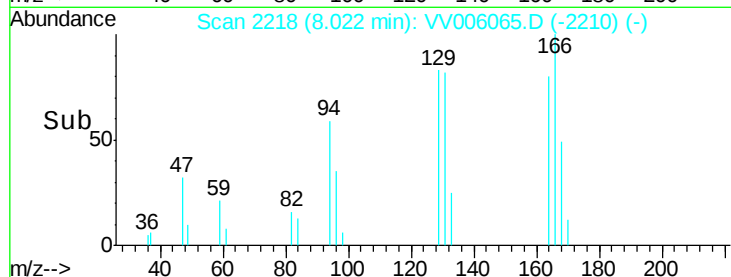
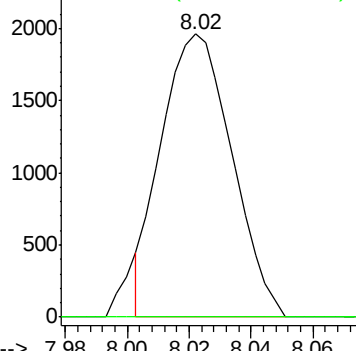
129 100

127 0.0 54.8 101.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.64 ug/L

RT: 11.30 min Scan# 3239

Delta R.T. 0.98 min

Lab File: VV006065.D

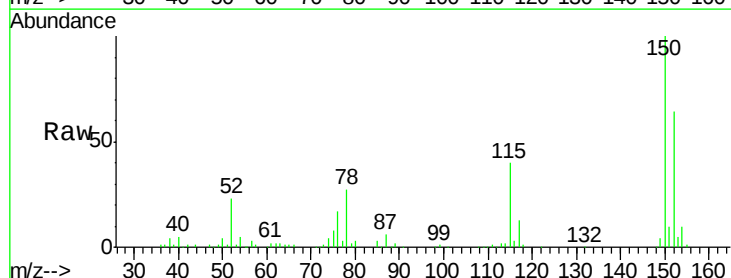
Acq: 26 May 2018 19:19

Tgt Ion: 75 Resp: 7931

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

