

Data File : VV006053.D
Acq On : 26 May 2018 14:08
Operator : SY/MD
Sample : J3090-04 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 28 02:05:05 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	148615	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59341	57.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.34%
7) Chloroethane-d5	1.55	69	19061	25.97	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.94%#
11) 1,1-Dichloroethene-d2	2.13	63	83658	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
21) 2-Butanone-d5	3.95	46	62117	104.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	4.41	84	108872	55.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.30%
26) 1,2-Dichloroethane-d4	5.09	65	75446	59.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.14%
32) Benzene-d6	5.10	84	218876	60.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.72%
36) 1,2-Dichloropropane-d6	6.12	67	69846	60.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.30%#
41) Toluene-d8	7.37	98	192899	57.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	7.67	79	30455	57.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.84%
47) 2-Hexanone-d5	8.14	63	57172	126.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.31%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95700	60.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.86%#
64) 1,2-Dichlorobenzene-d4	11.68	152	69985	63.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.88%#

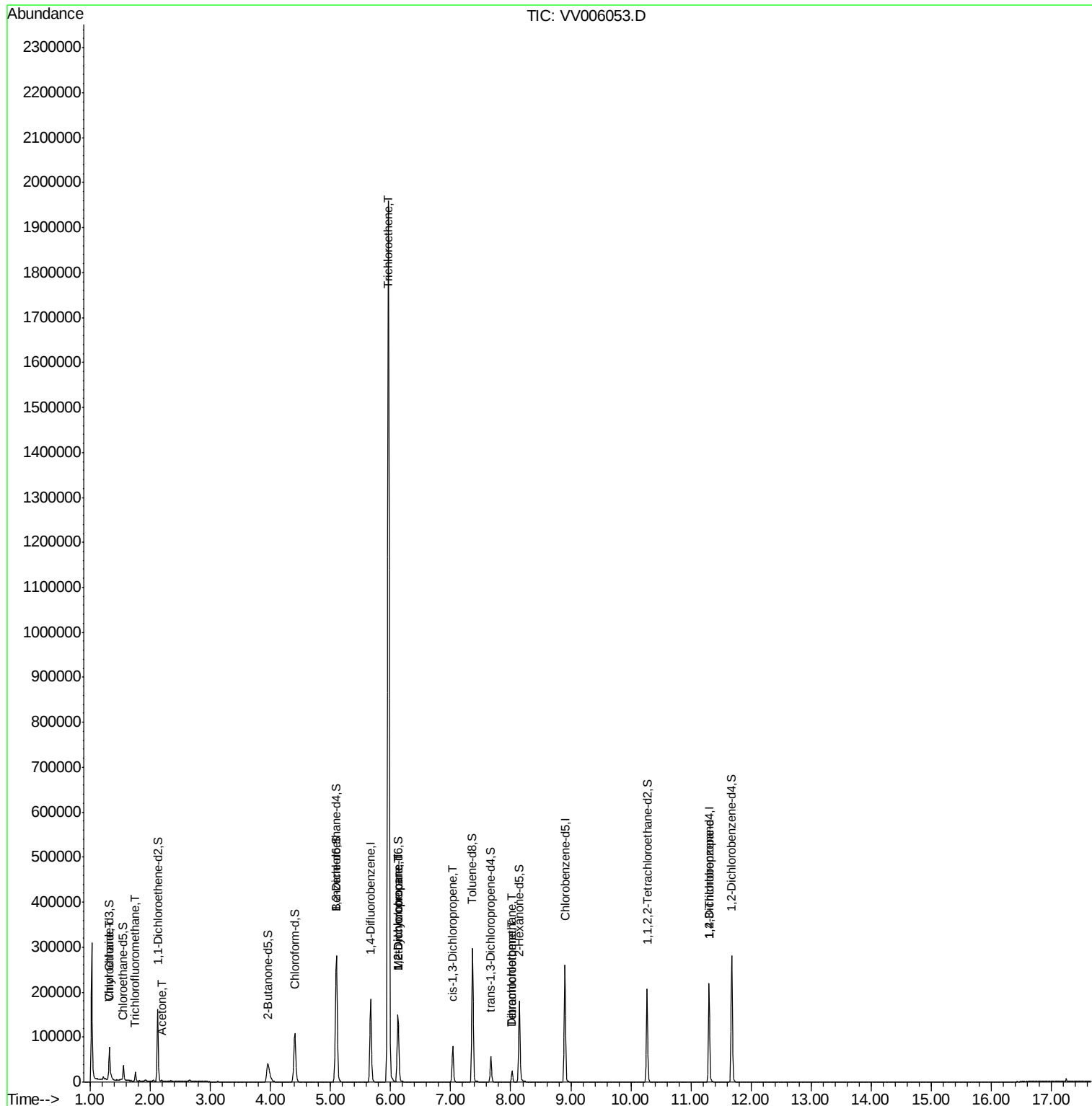
Target Compounds

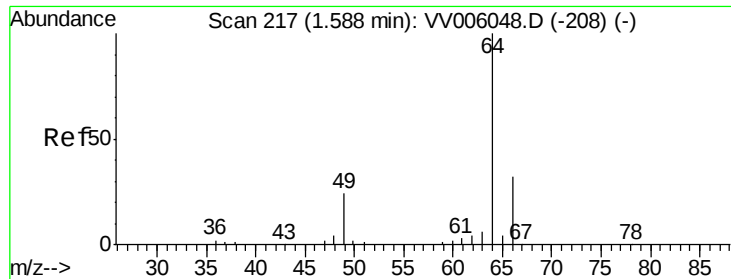
						Qvalue
8) Chloroethane	1.32	64	950	1.31	ug/L	# 1
9) Trichlorofluoromethane	1.75	101	9847	5.59	ug/L	99
13) Acetone	2.20	43	875	1.43	ug/L	76
34) Trichloroethene	5.96	95	679902	617.98	ug/L	98
35) Methylcyclohexane	6.12	83	16930	9.88	ug/L	# 17
37) 1,2-Dichloropropane	6.12	63	7849	6.85	ug/L	# 87
39) cis-1,3-Dichloropropene	7.04	75	2037	1.21	ug/L	# 62
46) Tetrachloroethene	8.02	164	5183	6.27	ug/L	96
49) Dibromochloromethane	8.02	129	5283	4.57	ug/L	# 10
59) 1,2,3-Trichloropropane	11.30	75	6816	4.67	ug/L	91

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

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#8

Chloroethane

Concen: 1.31 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.27 min

Lab File: VV006053.D

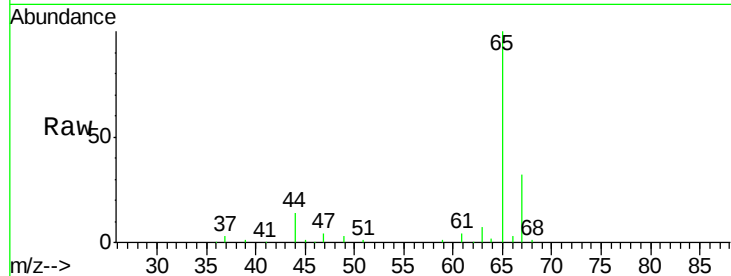
Acq: 26 May 2018 14:08

Tgt Ion: 64 Resp: 950

Ion Ratio Lower Upper

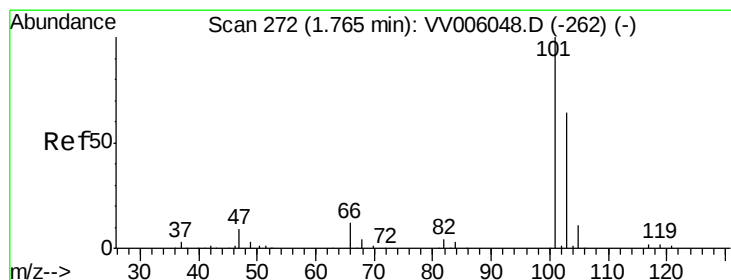
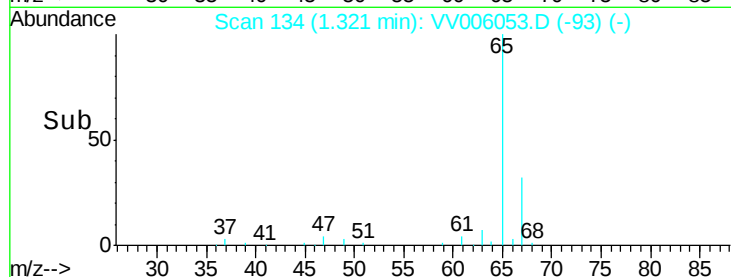
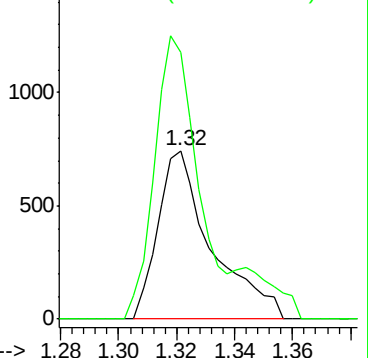
64 100

66 158.2 22.7 42.1#



Abundance Ion 64.00 (63.70 to 64.70): VV006048.D (-208) (-)

Ion 66.00 (65.70 to 66.70): VV006048.D (-208) (-)



#9

Trichlorofluoromethane

Concen: 5.59 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

Lab File: VV006053.D

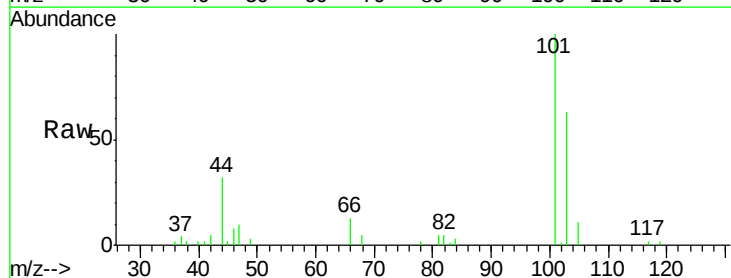
Acq: 26 May 2018 14:08

Tgt Ion: 101 Resp: 9847

Ion Ratio Lower Upper

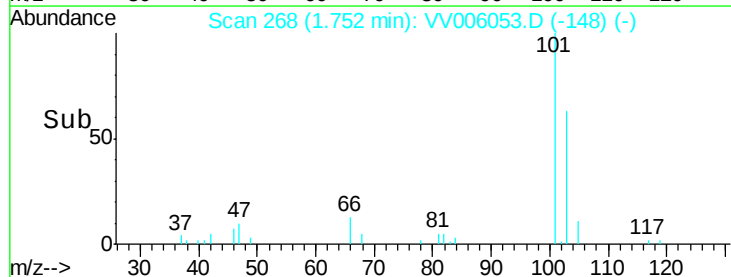
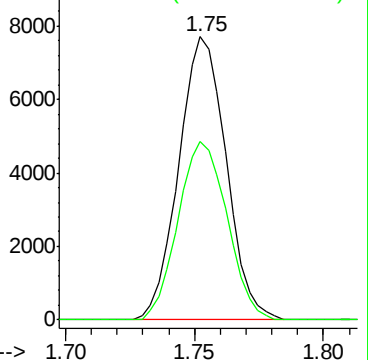
101 100

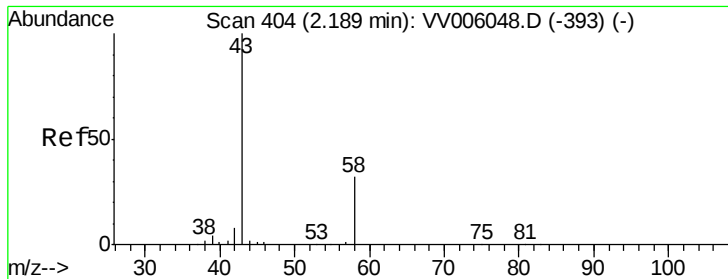
103 65.2 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): VV006048.D (-262) (-)

Ion 103.00 (102.70 to 103.70): VV006048.D (-262) (-)





#13

Acetone

Concen: 1.43 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.01 min

Lab File: VV006053.D

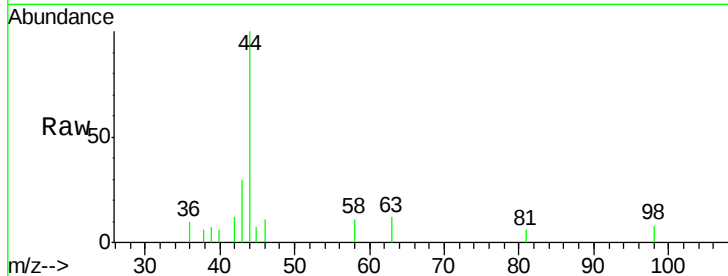
Acq: 26 May 2018 14:08

Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

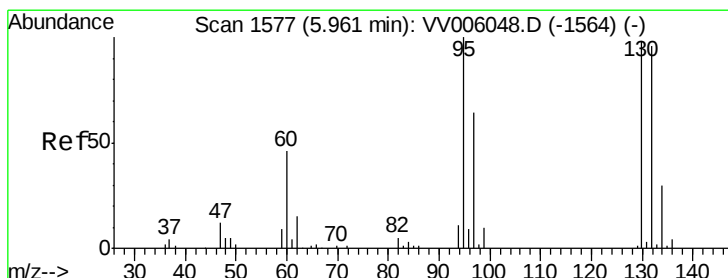
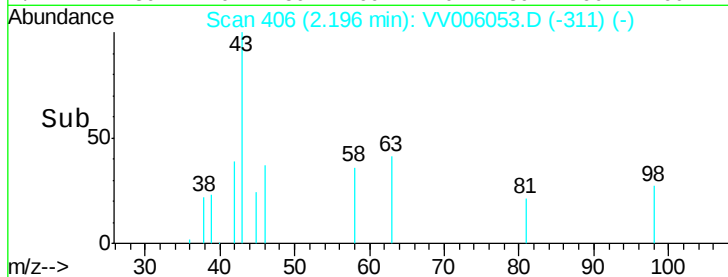
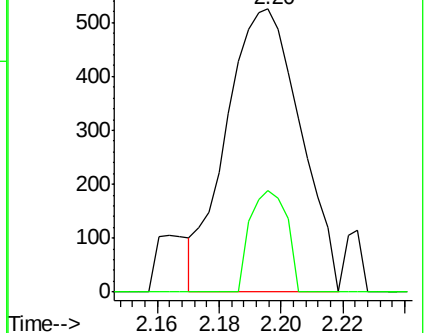
43 100

58 17.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV006048.D (-393) (-)

Ion 58.00 (57.70 to 58.70): VV006048.D (-393) (-)



#34

Trichloroethene

Concen: 617.98 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006053.D

Acq: 26 May 2018 14:08

Tgt Ion: 95 Resp: 679902

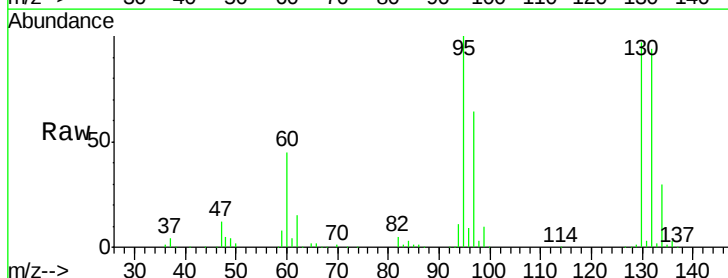
Ion Ratio Lower Upper

95 100

97 64.2 44.0 81.6

132 93.9 65.0 120.6

130 97.3 66.6 123.8

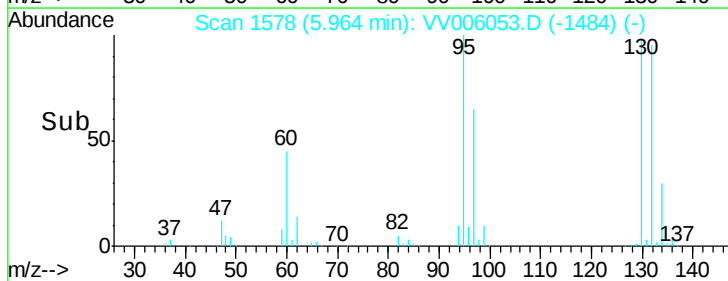
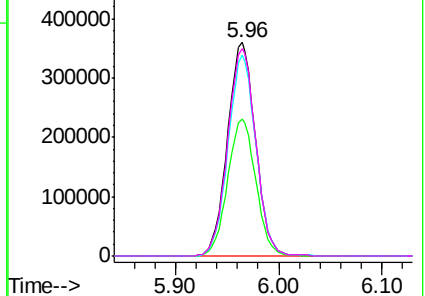


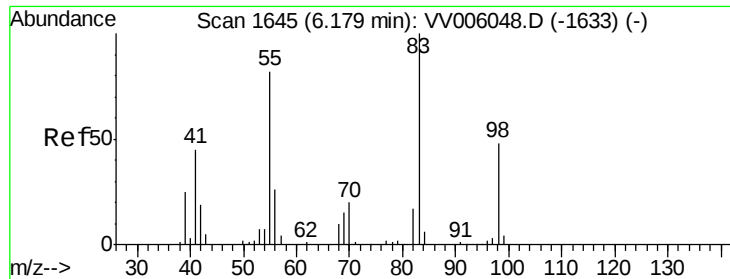
Abundance Ion 95.00 (94.70 to 95.70): VV006048.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VV006048.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VV006048.D (-1564) (-)

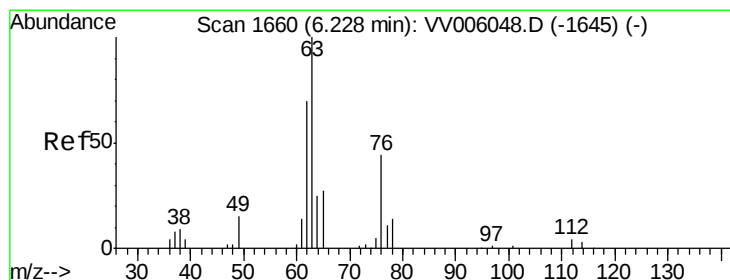
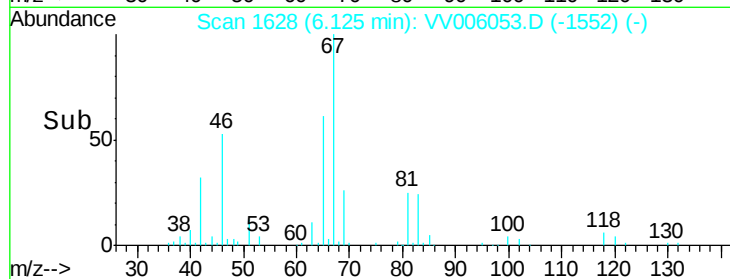
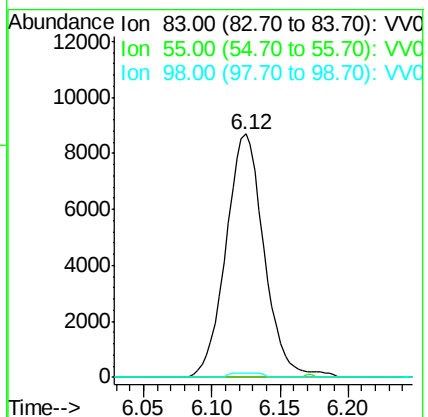
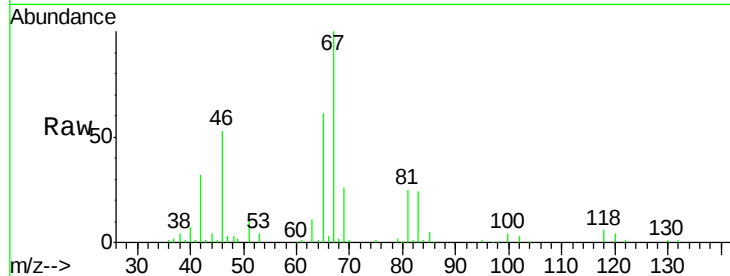
Ion 130.00 (129.70 to 130.70): VV006048.D (-1564) (-)





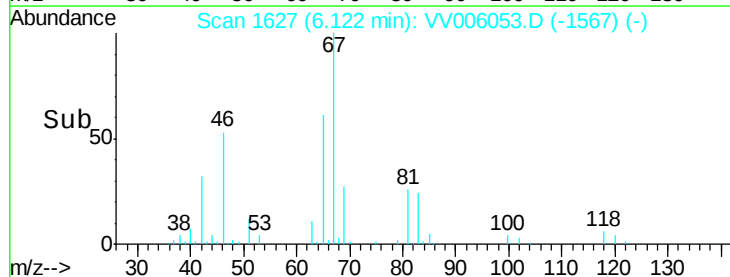
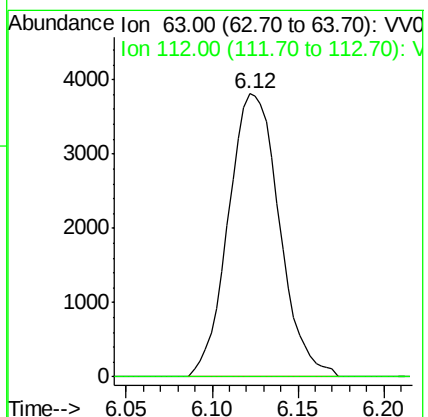
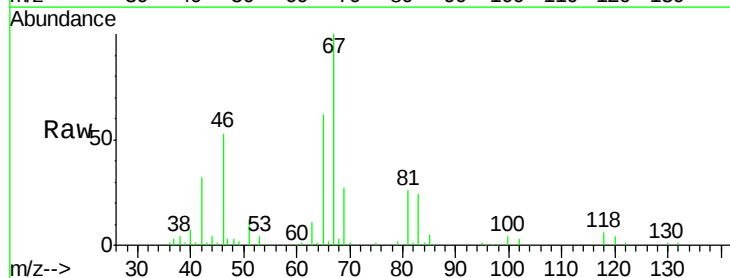
#35
Methylcyclohexane
Concen: 9.88 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006053.D
Acq: 26 May 2018 14:08

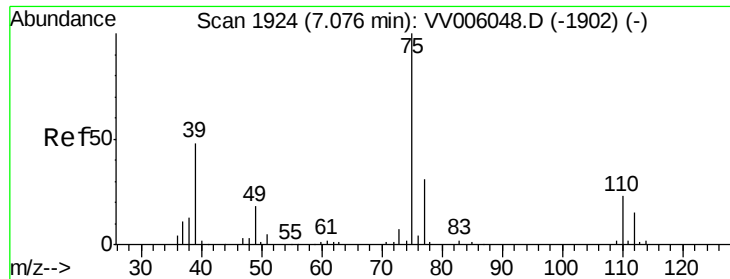
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.1	94.7#
98	0.0	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 6.85 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006053.D
Acq: 26 May 2018 14:08

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.21 ug/L

RT: 7.04 min Scan# 1912

Delta R.T. -0.04 min

Lab File: VV006053.D

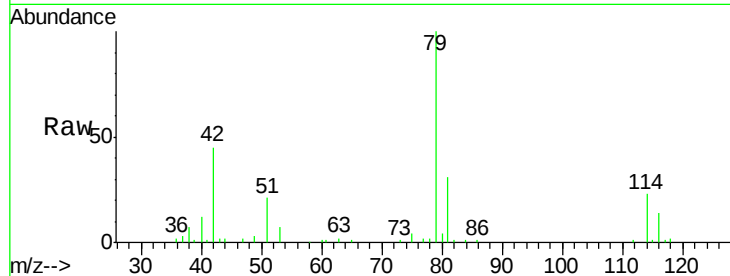
Acq: 26 May 2018 14:08

Tgt Ion: 75 Resp: 2037

Ion Ratio Lower Upper

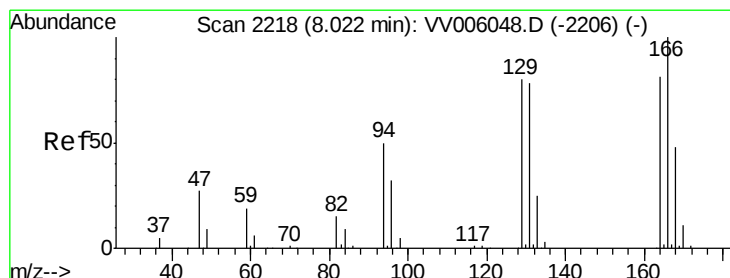
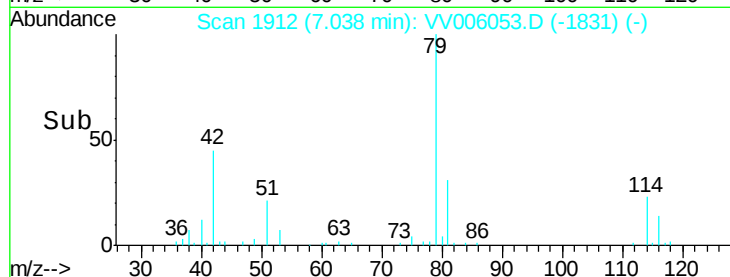
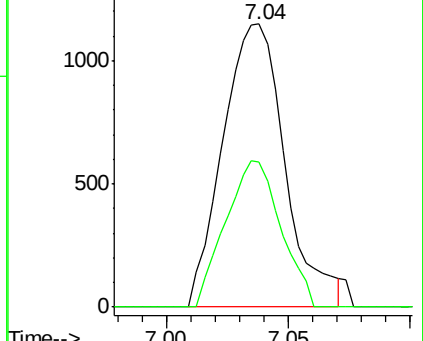
75 100

77 51.3 21.5 39.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#46

Tetrachloroethene

Concen: 6.27 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006053.D

Acq: 26 May 2018 14:08

Tgt Ion: 164 Resp: 5183

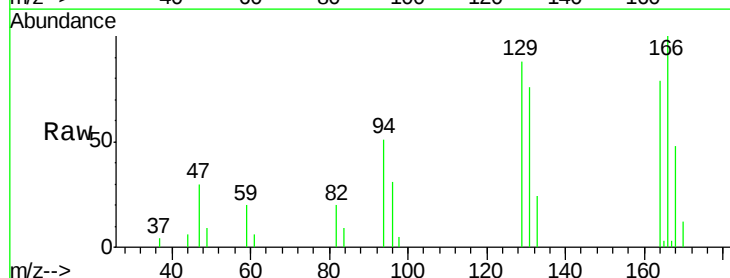
Ion Ratio Lower Upper

164 100

129 111.3 72.2 134.2

131 96.6 70.0 130.0

166 126.6 90.4 167.8

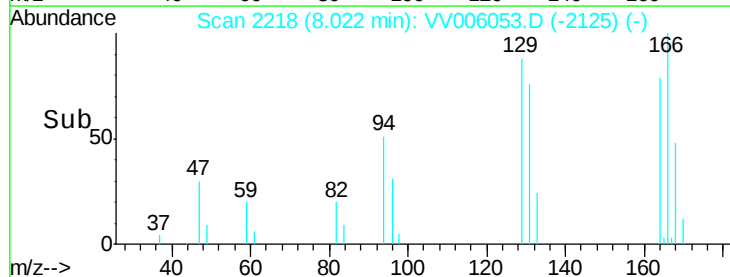
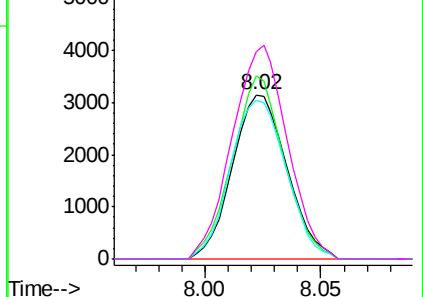


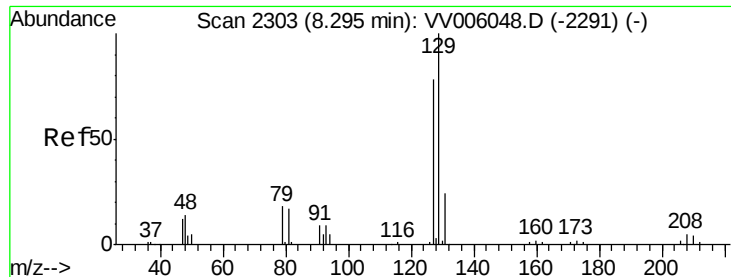
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

Dibromochloromethane

Concen: 4.57 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006053.D

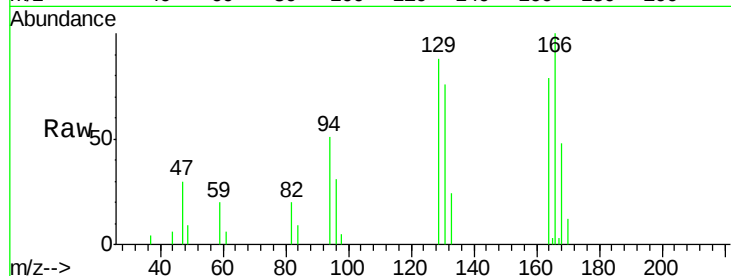
Acq: 26 May 2018 14:08

Tgt Ion: 129 Resp: 5283

Ion Ratio Lower Upper

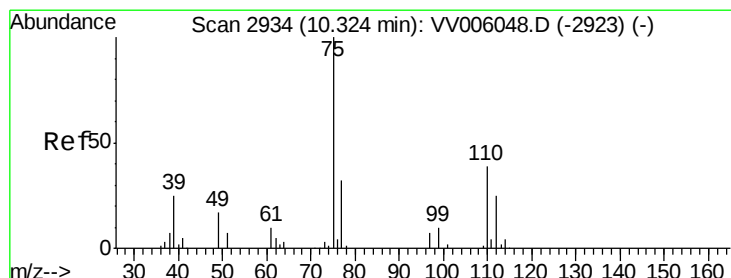
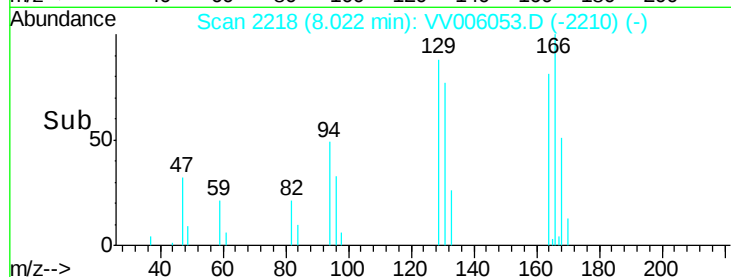
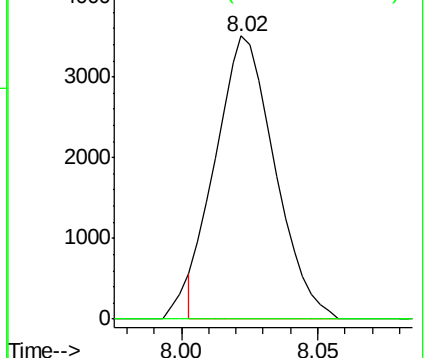
129 100

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: 4.67 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006053.D

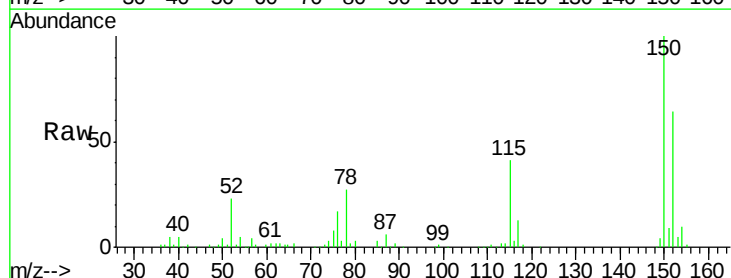
Acq: 26 May 2018 14:08

Tgt Ion: 75 Resp: 6816

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

