

Data File : VV006064.D
Acq On : 26 May 2018 18:53
Operator : SY/MD
Sample : J3090-15 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 28 02:07:48 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	166297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55417	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.55	69	13691	16.67	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.34%#
11) 1,1-Dichloroethene-d2	2.12	63	78000	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	3.95	46	52011	78.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.18%
24) Chloroform-d	4.40	84	105696	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.09	65	72178	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.10	84	207842	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.12	67	67307	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.18%
41) Toluene-d8	7.36	98	184210	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.67	79	27696	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.14	63	54391	107.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.09%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92725	52.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	68076	55.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.30%

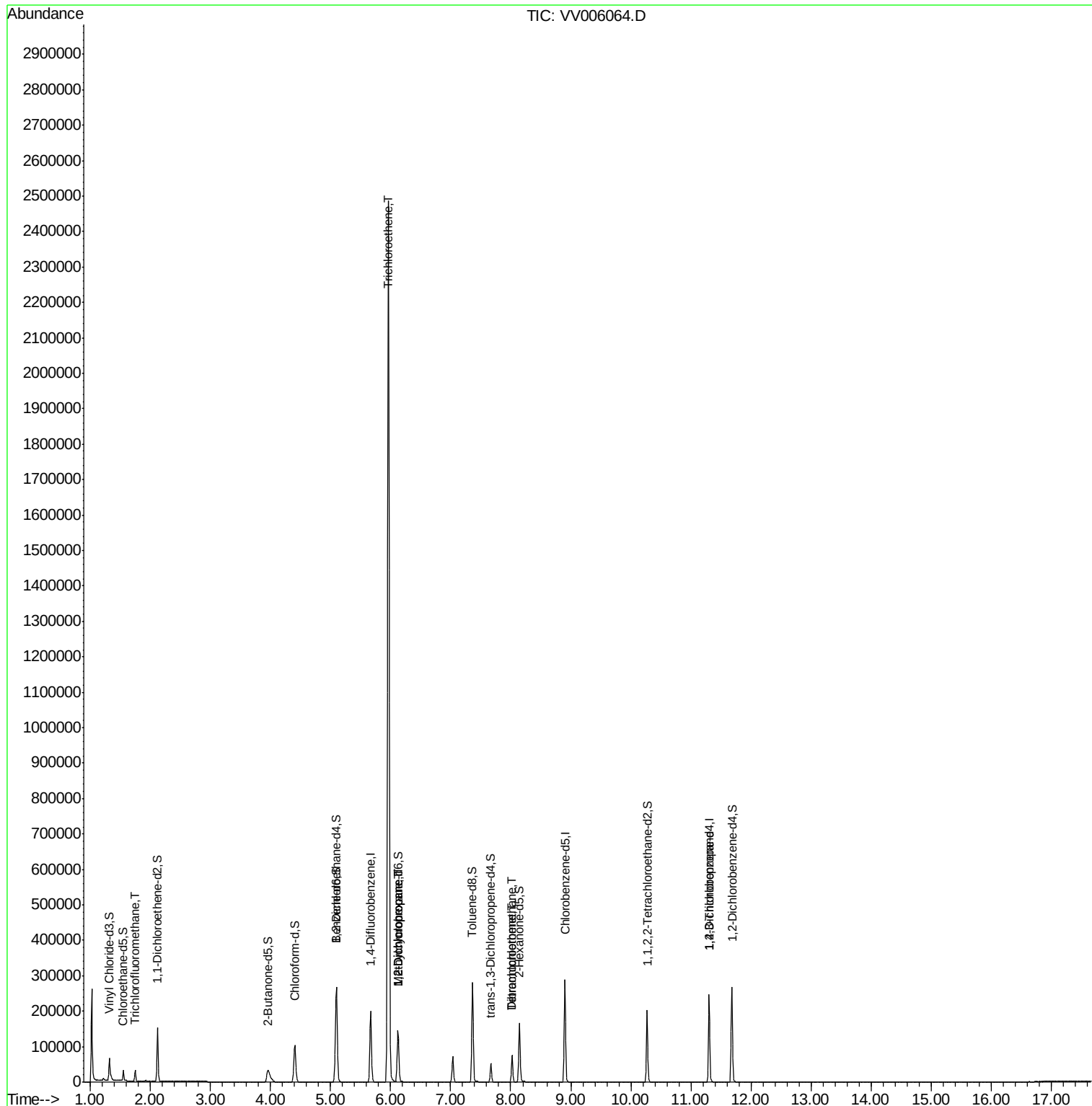
Target Compounds

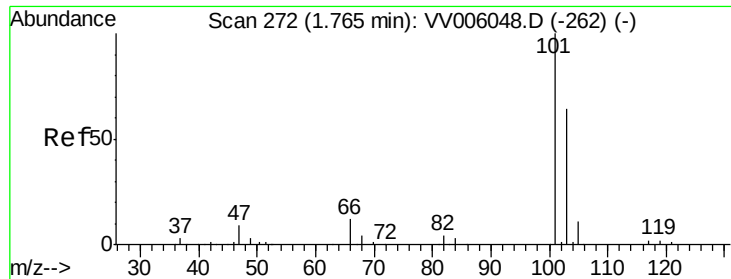
						Qvalue
9) Trichlorofluoromethane	1.75	101	17512	8.89	ug/L	99
34) Trichloroethene	5.96	95	862275	698.46	ug/L	98
35) Methylcyclohexane	6.12	83	16218	8.44	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7754	6.03	ug/L #	87
46) Tetrachloroethene	8.02	164	16041	17.29	ug/L	98
49) Dibromochloromethane	8.02	129	15192	11.71	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7280	4.44	ug/L #	83

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

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#9

Trichlorofluoromethane

Concen: 8.89 ug/L

RT: 1.75 min Scan# 267

Delta R.T. -0.02 min

Lab File: VV006064.D

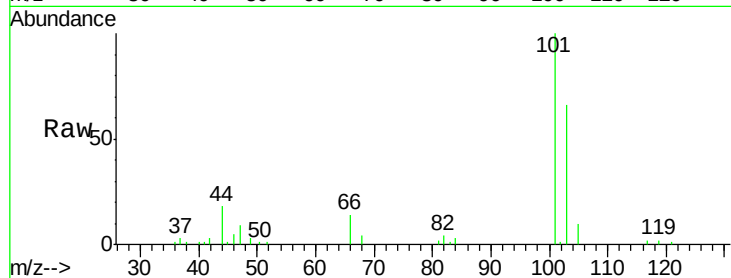
Acq: 26 May 2018 18:53

Tgt Ion: 101 Resp: 17512

Ion Ratio Lower Upper

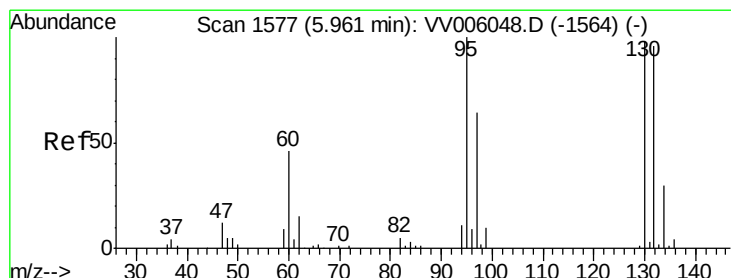
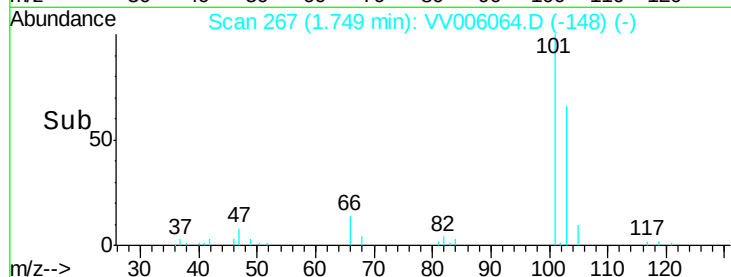
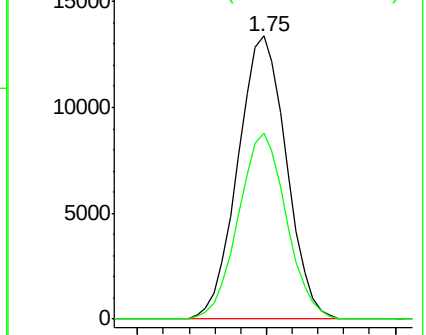
101 100

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



#34

Trichloroethene

Concen: 698.46 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006064.D

Acq: 26 May 2018 18:53

Tgt Ion: 95 Resp: 862275

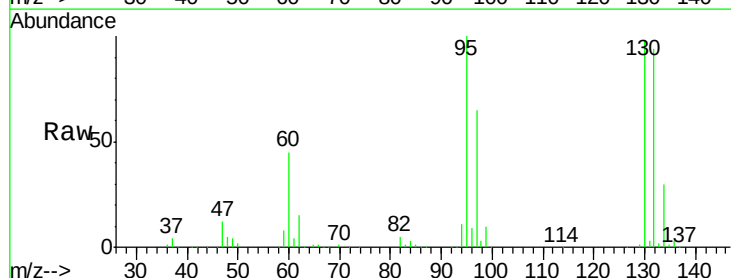
Ion Ratio Lower Upper

95 100

97 64.7 44.0 81.6

132 94.2 65.0 120.6

130 97.5 66.6 123.8

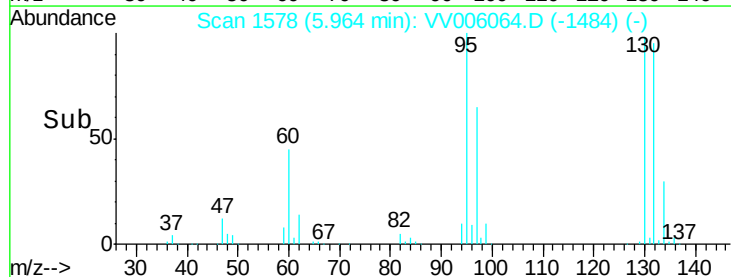
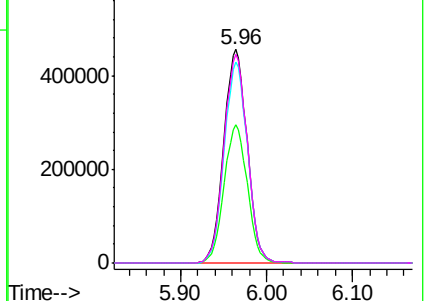


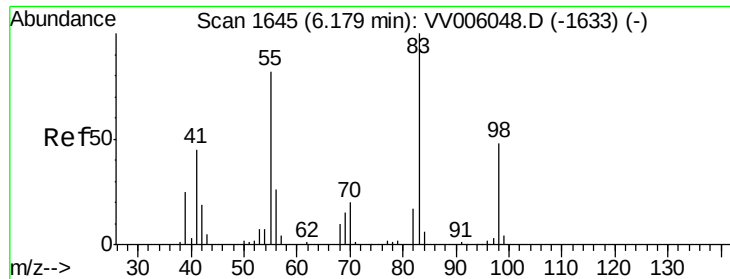
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

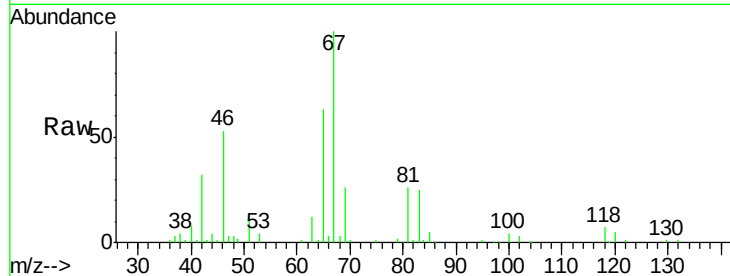
Ion 130.00 (129.70 to 130.70): VV0



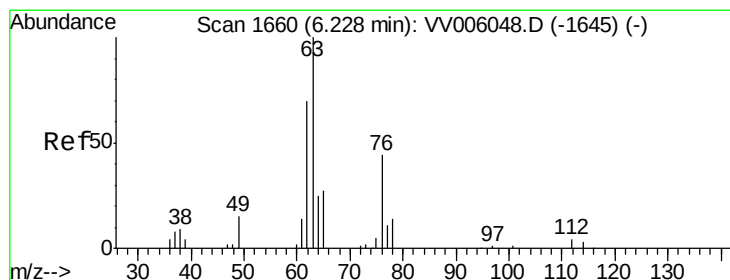
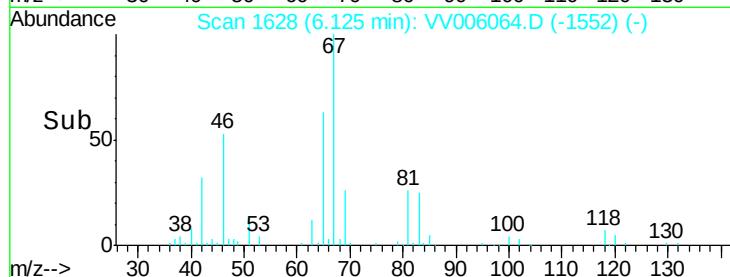
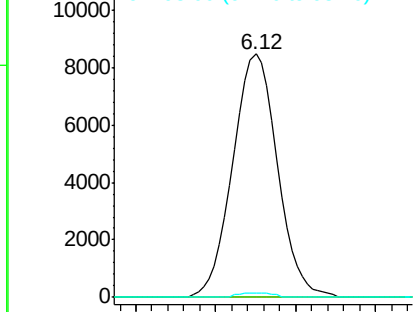


#35
Methylcyclohexane
Concen: 8.44 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006064.D
Acq: 26 May 2018 18:53

Tgt Ion: 83 Resp: 16218
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 1.4 37.8 56.8#

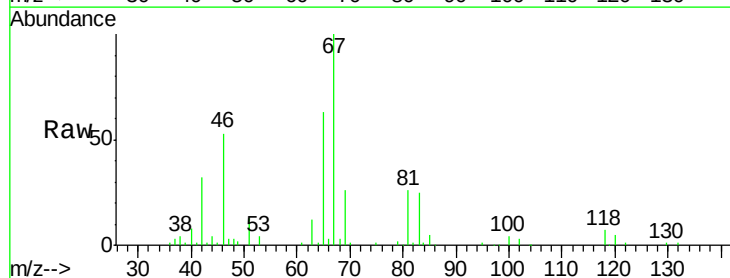


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

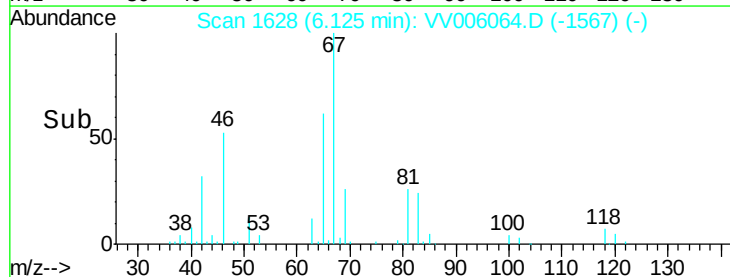
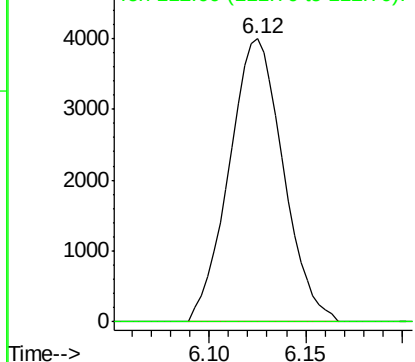


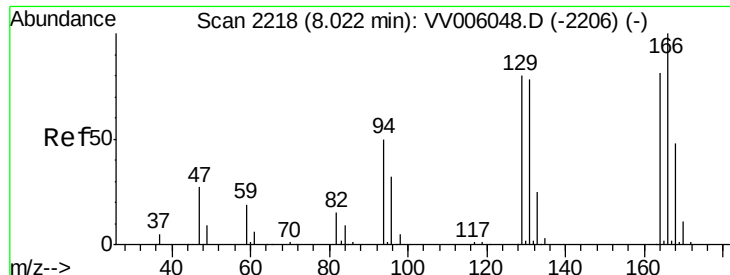
#37
1,2-Dichloropropane
Concen: 6.03 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006064.D
Acq: 26 May 2018 18:53

Tgt Ion: 63 Resp: 7754
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): V





#46

Tetrachloroethene

Concen: 17.29 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006064.D

Acq: 26 May 2018 18:53

Tgt Ion:164 Resp: 16041

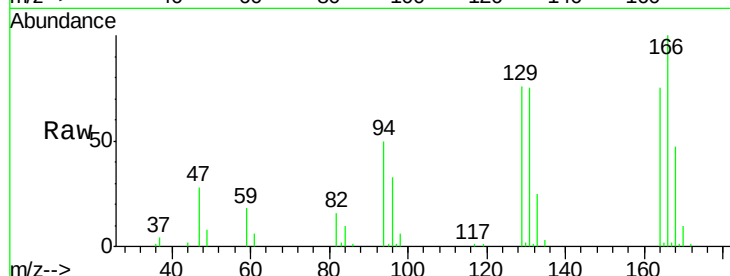
Ion Ratio Lower Upper

164 100

129 101.3 72.2 134.2

131 99.1 70.0 130.0

166 132.7 90.4 167.8

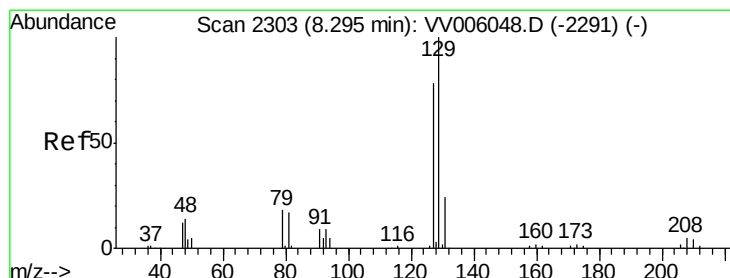
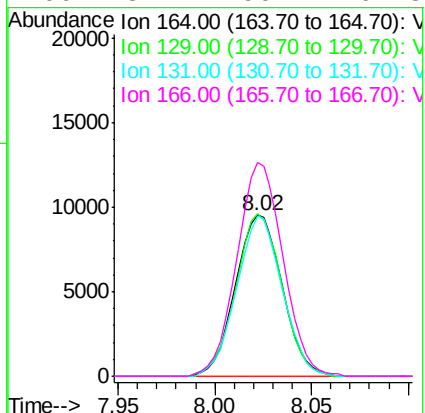
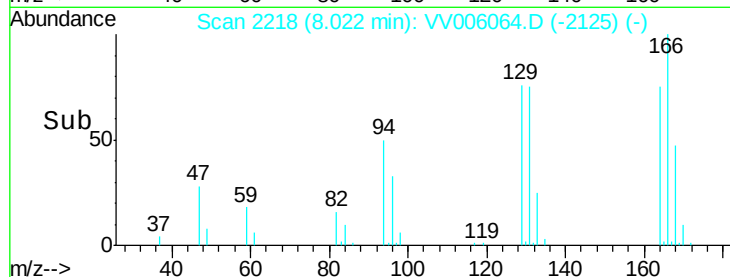


Abundance Ion 164.00 (163.70 to 164.70): V

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: 11.71 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006064.D

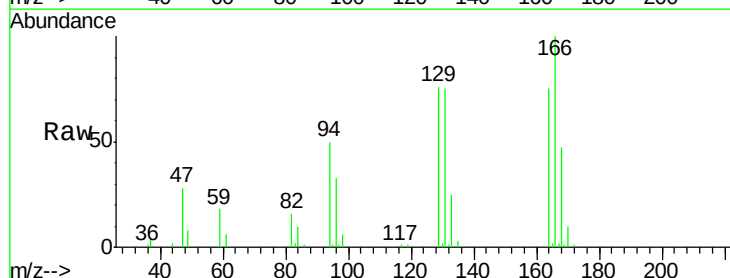
Acq: 26 May 2018 18:53

Tgt Ion:129 Resp: 15192

Ion Ratio Lower Upper

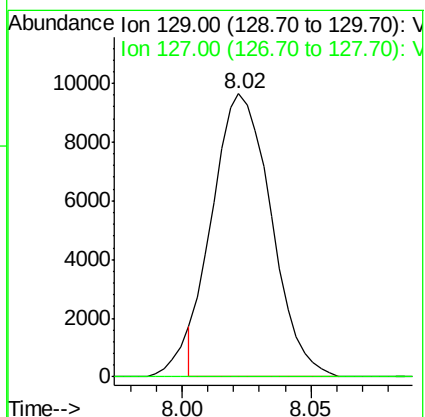
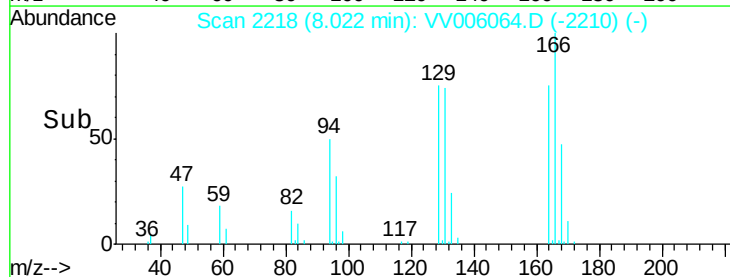
129 100

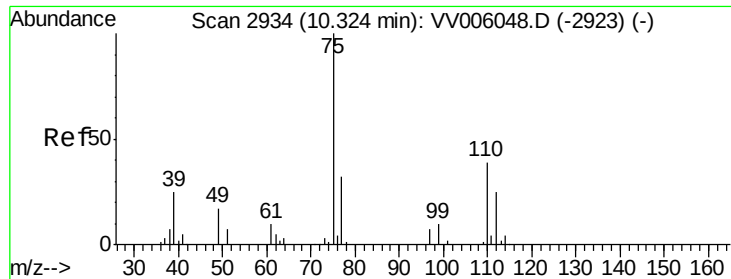
127 0.0 54.8 101.8#



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: 4.44 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006064.D

Acq: 26 May 2018 18:53

Tgt Ion: 75 Resp: 7280

Ion Ratio Lower Upper

75 100

77 41.5 25.8 38.6#

