

Data File : VV006100.D
Acq On : 27 May 2018 21:43
Operator : SY/MD
Sample : J3090-09 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 00:50:14 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248231	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95944	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.46%
7) Chloroethane-d5	1.55	69	36600	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.96%
11) 1,1-Dichloroethene-d2	2.13	63	139262	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.94%
21) 2-Butanone-d5	3.95	46	112050	106.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	4.41	84	173339	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	117064	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
32) Benzene-d6	5.10	84	363214	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.12	67	121426	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.66%
41) Toluene-d8	7.36	98	320346	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	7.67	79	48377	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.14	63	94344	100.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	161740	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	124673	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%

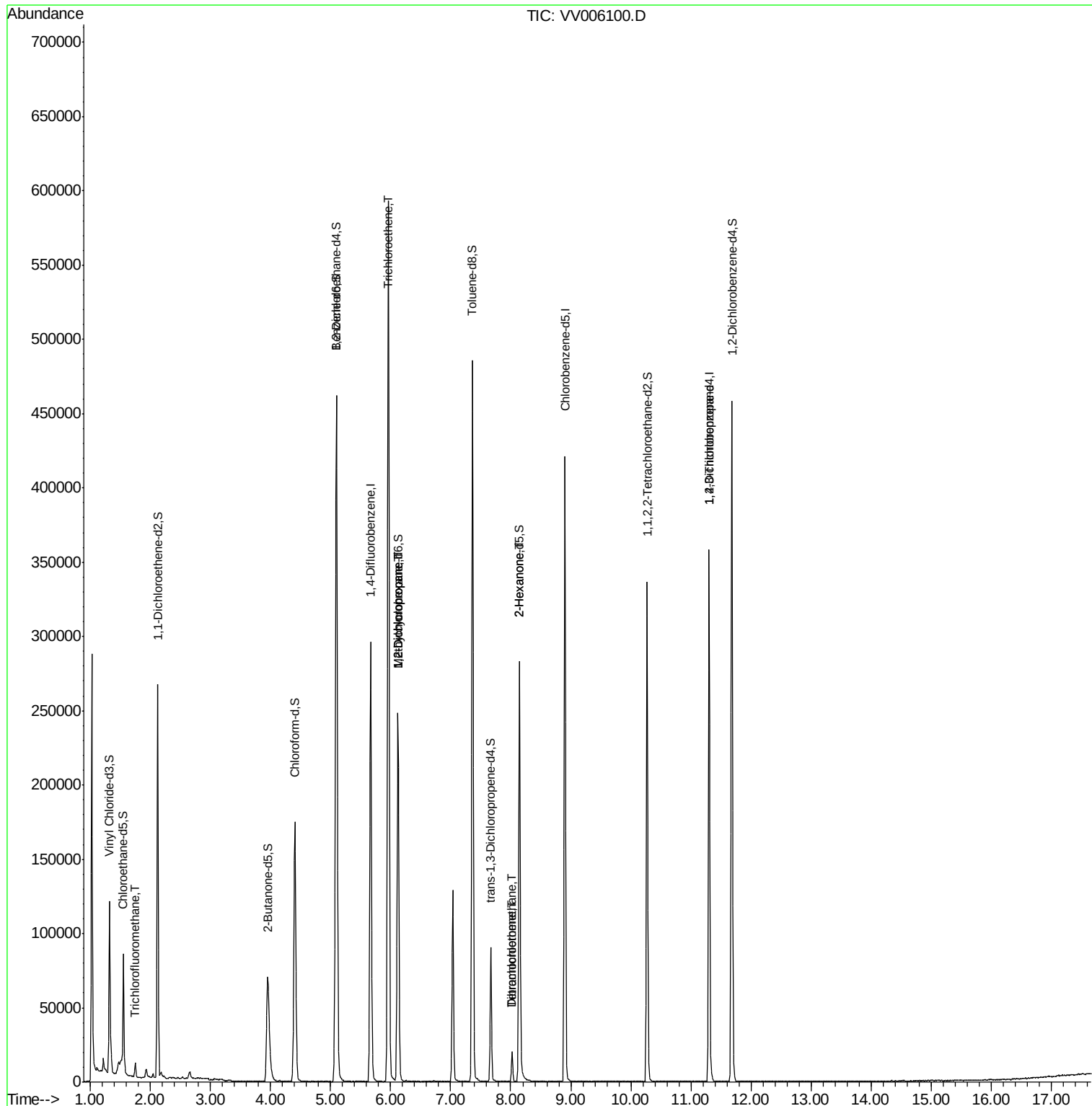
Target Compounds

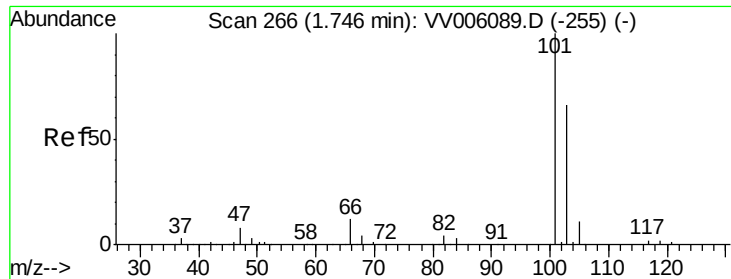
						Qvalue
9) Trichlorofluoromethane	1.75	101	4370	1.52	ug/L	99
34) Trichloroethene	5.96	95	204927	114.68	ug/L	99
35) Methylcyclohexane	6.12	83	27651	9.55	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12868	6.62	ug/L #	88
46) Tetrachloroethene	8.02	164	4713	3.16	ug/L	96
48) 2-Hexanone	8.14	43	12887	6.12	ug/L #	72
49) Dibromochloromethane	8.02	129	3975	2.15	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10703	4.42	ug/L	94

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

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#9

Trichlorofluoromethane

Concen: 1.52 ug/L

RT: 1.75 min Scan# 267

Delta R.T. 0.00 min

Lab File: VV006100.D

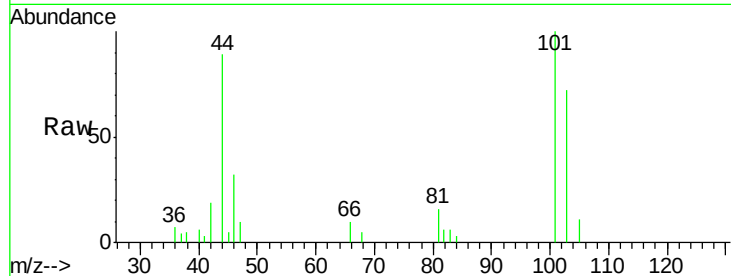
Acq: 27 May 2018 21:43

Tgt Ion: 101 Resp: 4370

Ion Ratio Lower Upper

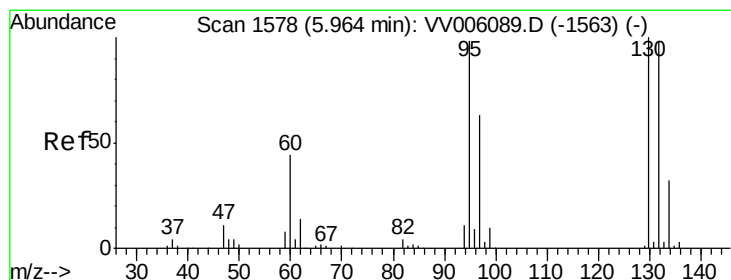
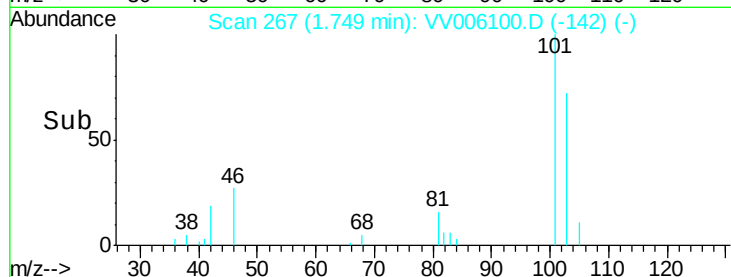
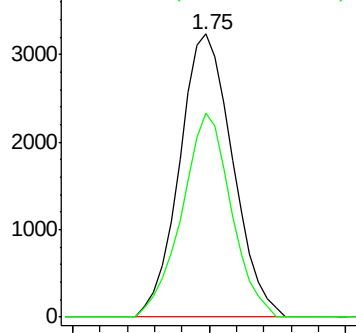
101 100

103 66.4 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 114.68 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006100.D

Acq: 27 May 2018 21:43

Tgt Ion: 95 Resp: 204927

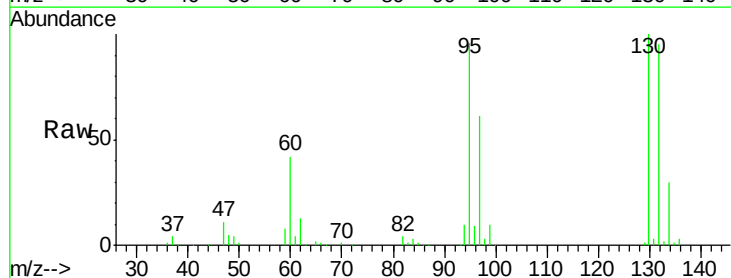
Ion Ratio Lower Upper

95 100

97 63.7 45.4 84.4

132 99.2 69.0 128.2

130 104.0 71.2 132.2

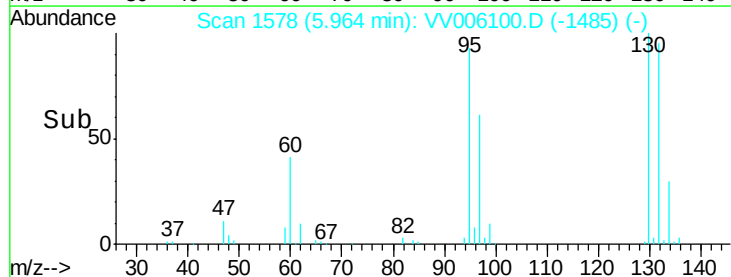
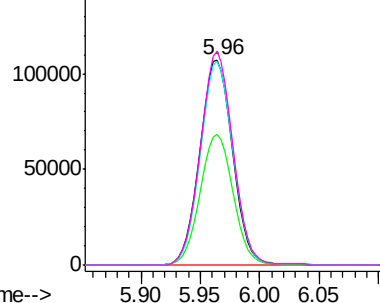


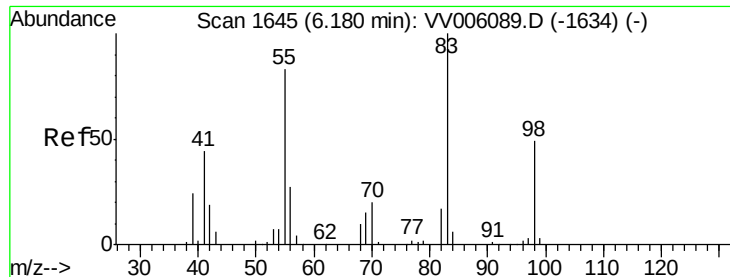
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

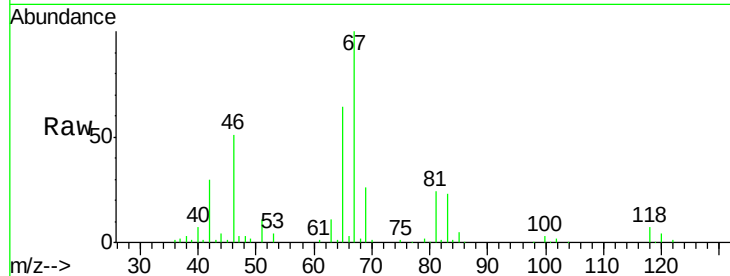
Ion 130.00 (129.70 to 130.70): V





#35
Methylcyclohexane
Concen: 9.55 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006100.D
Acq: 27 May 2018 21:43

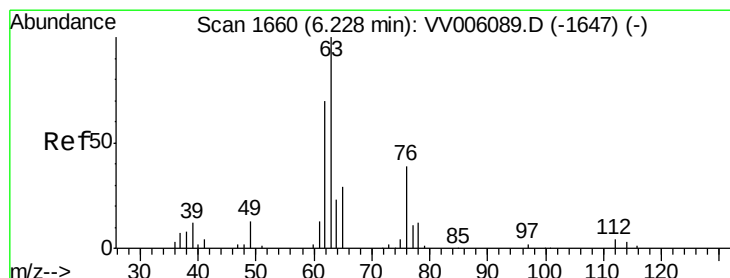
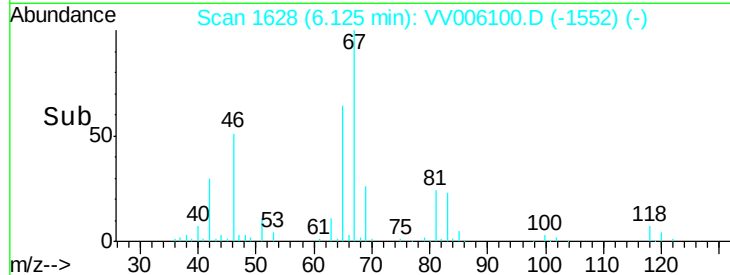
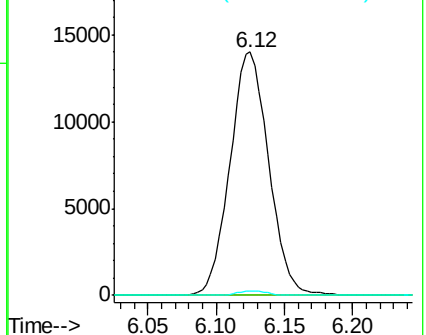
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	1.3	37.5	56.3#



Abundance Ion 83.00 (82.70 to 83.70): VV006100.D (-1552) (-)

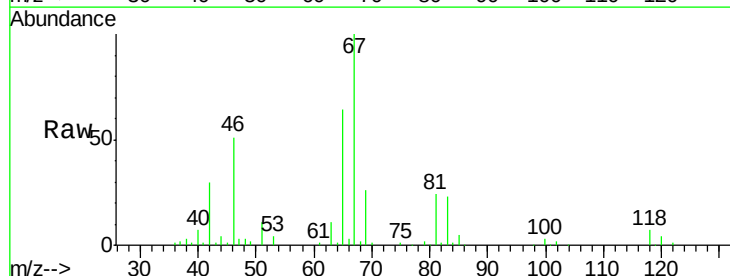
Ion 55.00 (54.70 to 55.70): VV006100.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VV006100.D (-1552) (-)



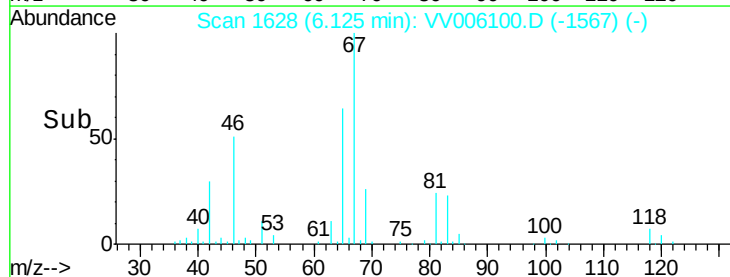
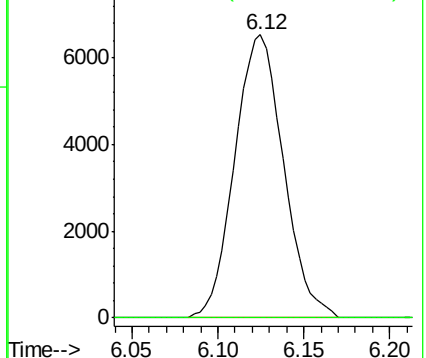
#37
1,2-Dichloropropane
Concen: 6.62 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006100.D
Acq: 27 May 2018 21:43

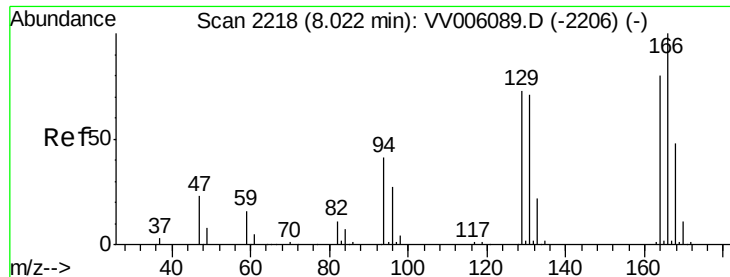
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV006100.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VV006100.D (-1567) (-)





#46

Tetrachloroethene

Concen: 3.16 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006100.D

Acq: 27 May 2018 21:43

Tgt Ion: 164 Resp: 4713

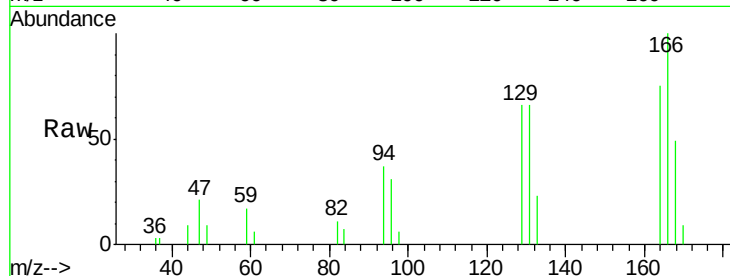
Ion Ratio Lower Upper

164 100

129 88.9 63.9 118.7

131 88.9 61.6 114.4

166 133.8 88.3 164.1

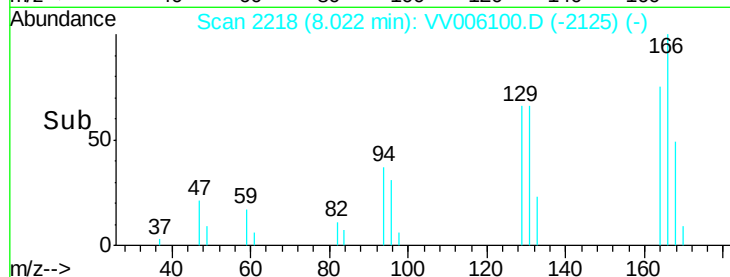


Abundance Ion 164.00 (163.70 to 164.70): V

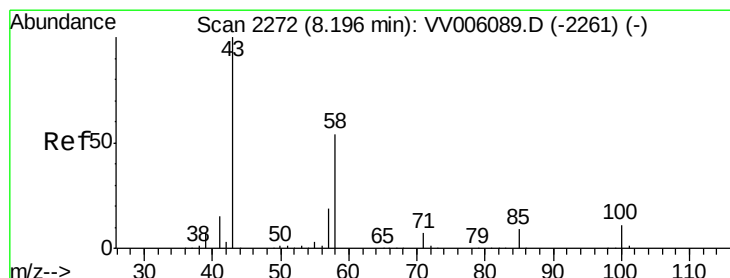
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#48

2-Hexanone

Concen: 6.12 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV006100.D

Acq: 27 May 2018 21:43

Tgt Ion: 43 Resp: 12887

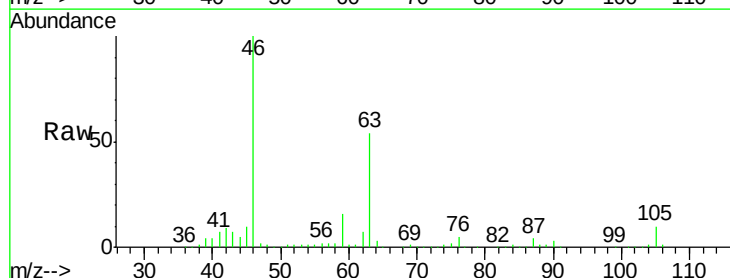
Ion Ratio Lower Upper

43 100

58 31.9 42.2 63.4#

57 29.0 14.5 21.7#

100 0.6 8.7 13.1#

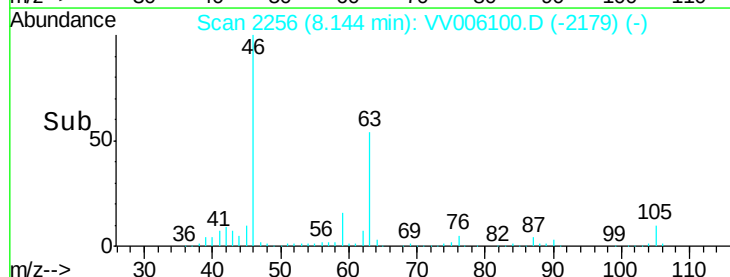


Abundance Ion 43.00 (42.70 to 43.70): VV0

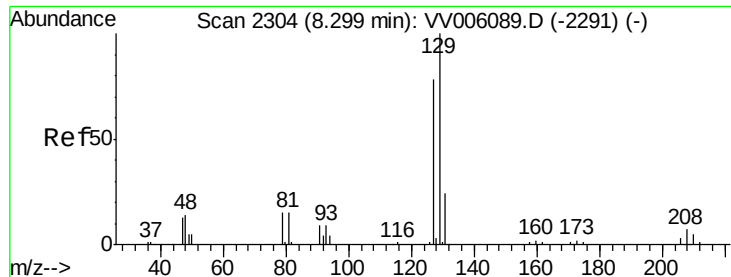
Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->



#49

Dibromochloromethane

Concen: 2.15 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006100.D

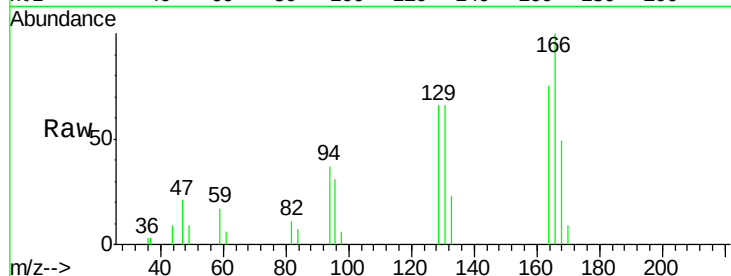
Acq: 27 May 2018 21:43

Tgt Ion: 129 Resp: 3975

Ion Ratio Lower Upper

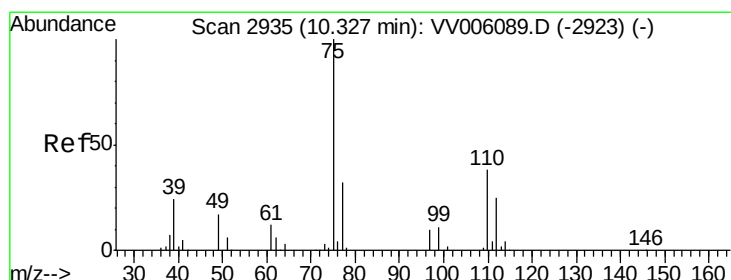
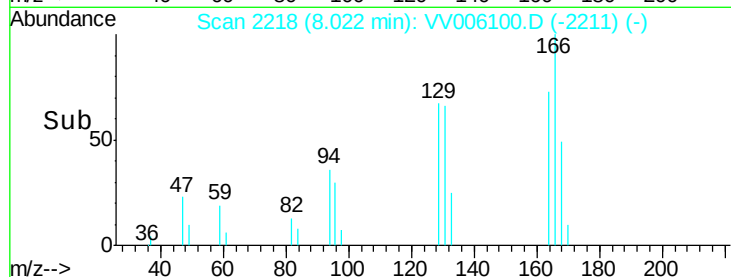
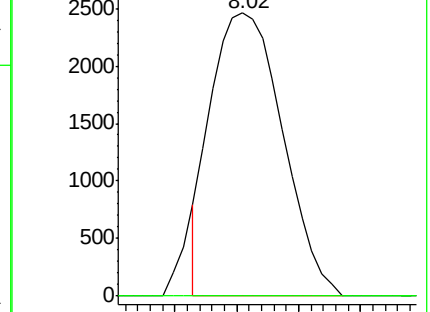
129 100

127 0.0 54.1 100.5#



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: 4.42 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006100.D

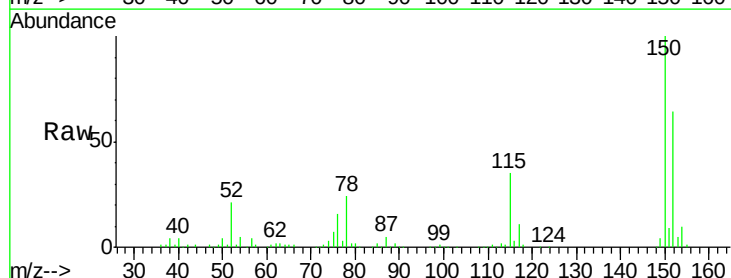
Acq: 27 May 2018 21:43

Tgt Ion: 75 Resp: 10703

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

