

Data File : VV006091.D
Acq On : 27 May 2018 17:51
Operator : SY/MD
Sample : J3090-11 20X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 28 00:48:20 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	244266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220700	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95420	46.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.44%
7) Chloroethane-d5	1.55	69	34218	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.12	63	136169	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.48%
21) 2-Butanone-d5	3.95	46	122082	118.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.33%
24) Chloroform-d	4.40	84	173094	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.09	65	120962	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.10	84	361302	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.12	67	123196	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.76%
41) Toluene-d8	7.36	98	320591	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%
43) trans-1,3-Dichloropropene-	7.67	79	51067	50.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.88%
47) 2-Hexanone-d5	8.14	63	99014	107.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.67%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	165659	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	126681	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%

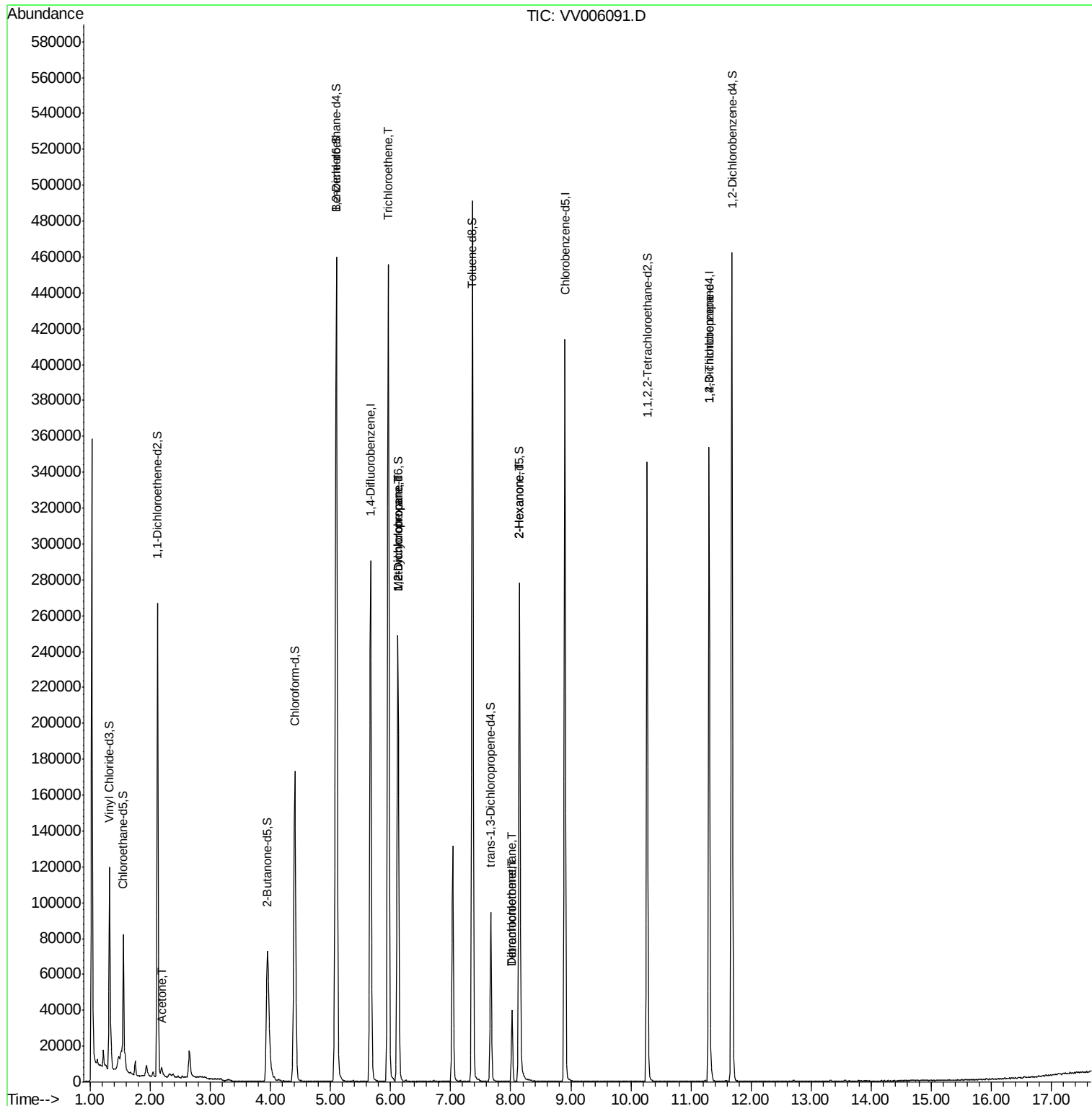
Target Compounds

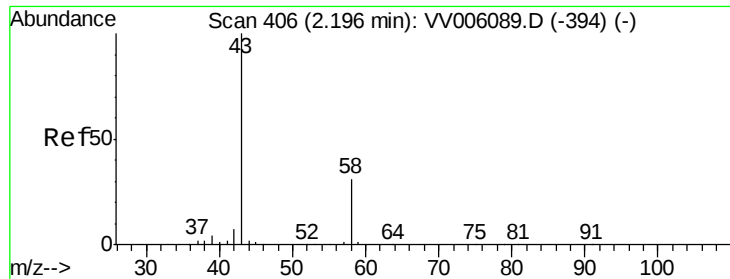
						Qvalue
13) Acetone	2.20	43	2821	2.46	ug/L	93
34) Trichloroethene	5.96	95	157615	90.47	ug/L	99
35) Methylcyclohexane	6.12	83	28107	9.96	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12855	6.79	ug/L #	88
46) Tetrachloroethene	8.02	164	9131	6.28	ug/L	99
48) 2-Hexanone	8.14	43	12195	5.94	ug/L #	72
49) Dibromochloromethane	8.02	129	7482	4.15	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10716	4.54	ug/L	88

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

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#13

Acetone

Concen: 2.46 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

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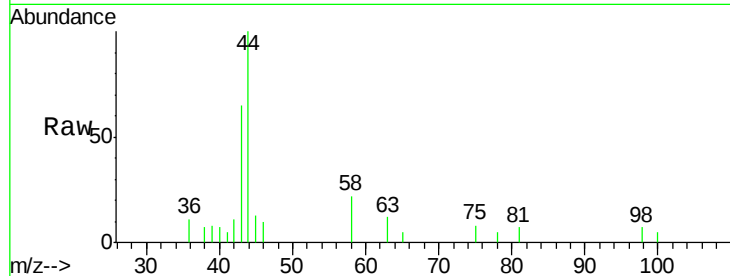
Acq: 27 May 2018 17:51

Tgt Ion: 43 Resp: 2821

Ion Ratio Lower Upper

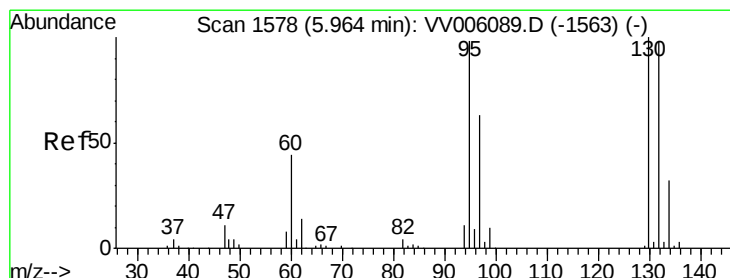
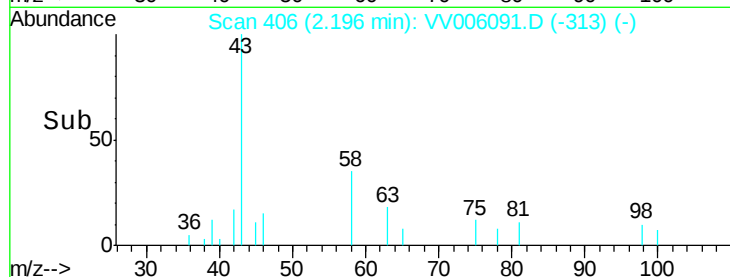
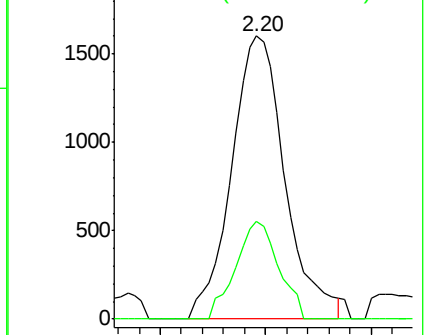
43 100

58 27.7 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV006091.D (-313) (-)

Ion 58.00 (57.70 to 58.70): VV006091.D (-313) (-)



#34

Trichloroethene

Concen: 90.47 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006091.D

Acq: 27 May 2018 17:51

Tgt Ion: 95 Resp: 157615

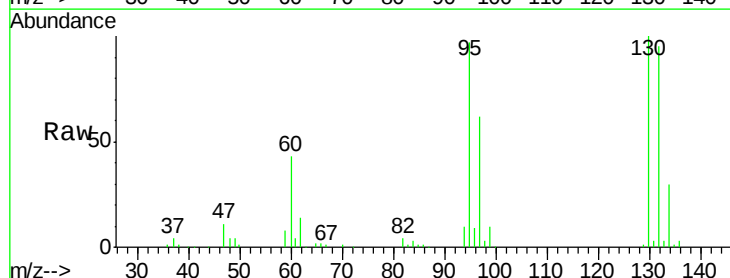
Ion Ratio Lower Upper

95 100

97 64.0 45.4 84.4

132 98.5 69.0 128.2

130 103.2 71.2 132.2

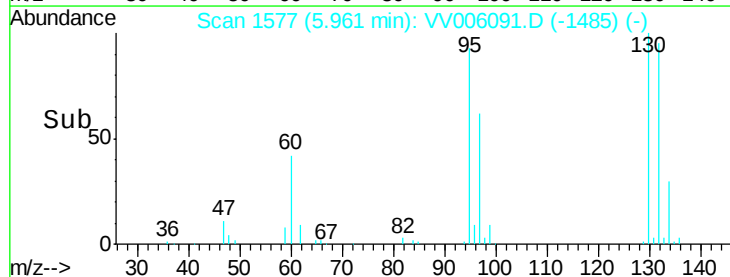
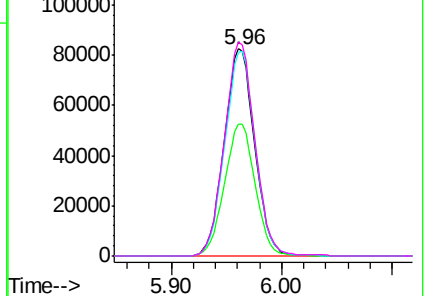


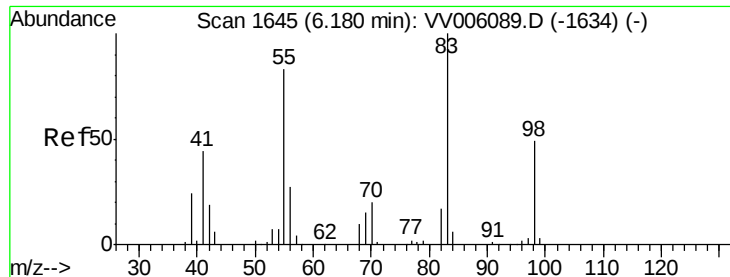
Abundance Ion 95.00 (94.70 to 95.70): VV006091.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VV006091.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VV006091.D (-1485) (-)

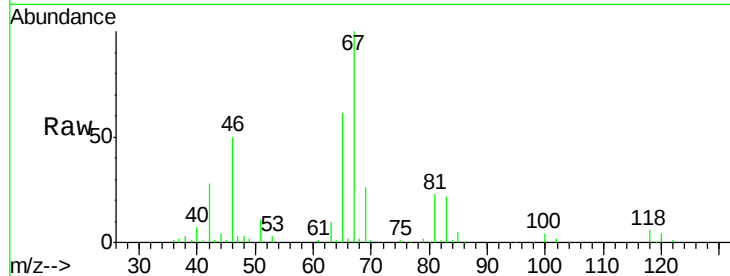
Ion 130.00 (129.70 to 130.70): VV006091.D (-1485) (-)



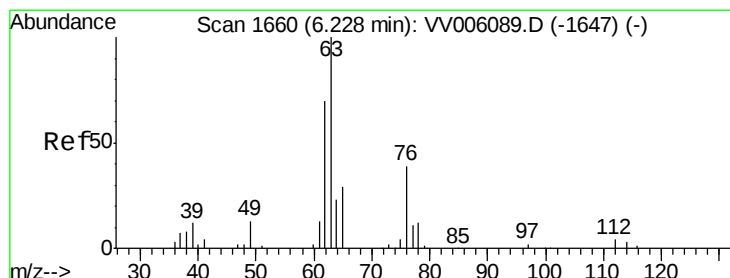
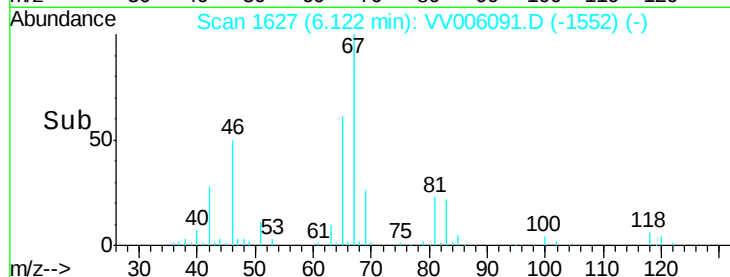
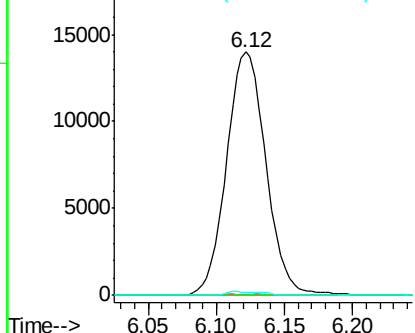


#35
Methylcyclohexane
Concen: 9.96 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006091.D
Acq: 27 May 2018 17:51

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.8	94.2#
98	0.0	37.5	56.3#

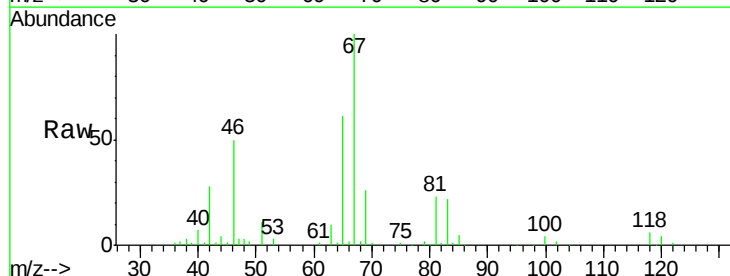


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

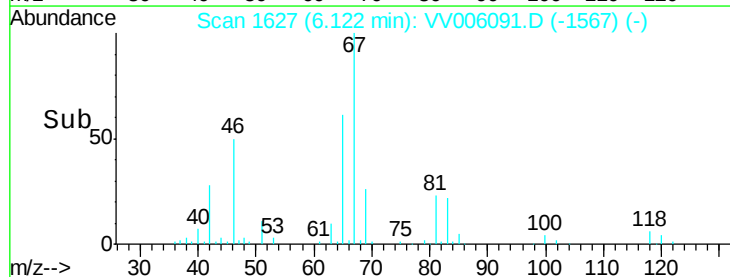
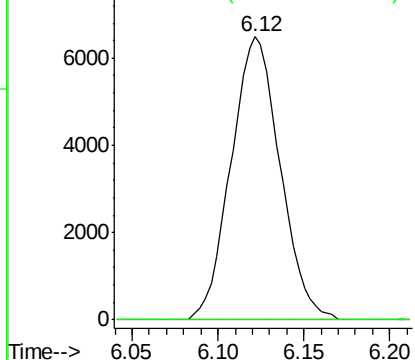


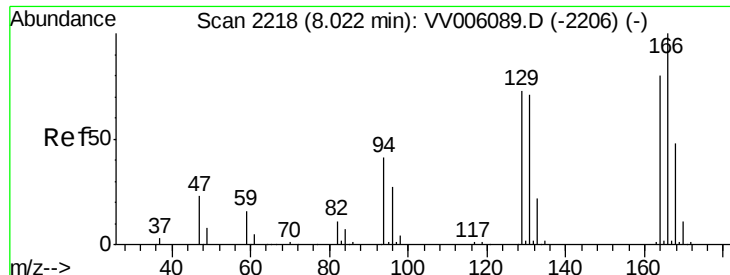
#37
1,2-Dichloropropane
Concen: 6.79 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006091.D
Acq: 27 May 2018 17:51

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



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 6.28 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006091.D

Acq: 27 May 2018 17:51

Tgt Ion: 164 Resp: 9131

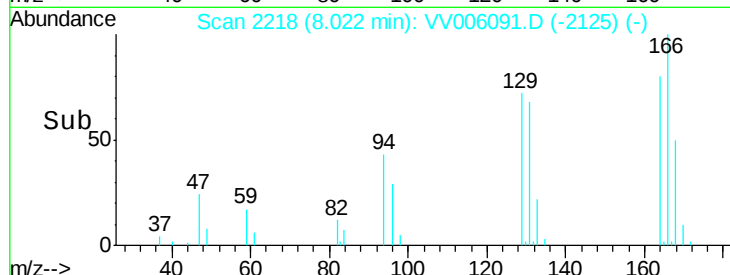
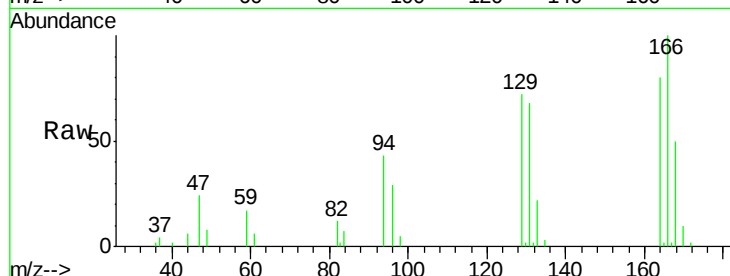
Ion Ratio Lower Upper

164 100

129 90.4 63.9 118.7

131 85.8 61.6 114.4

166 125.6 88.3 164.1

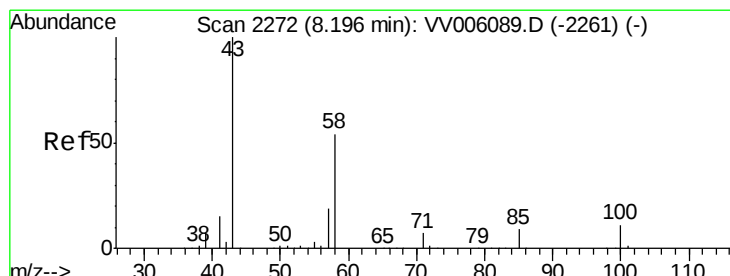
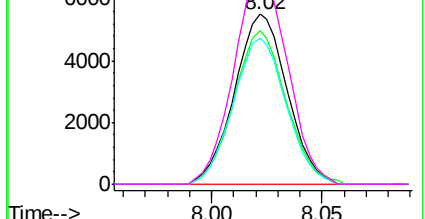


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.94 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV006091.D

Acq: 27 May 2018 17:51

Tgt Ion: 43 Resp: 12195

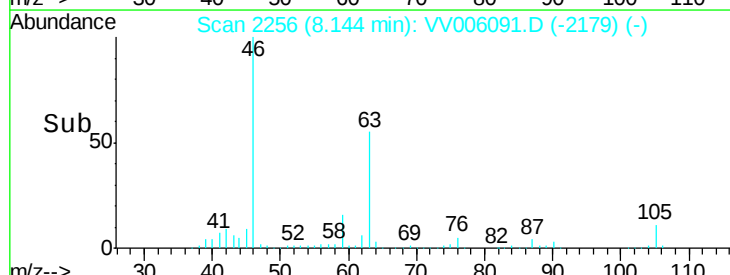
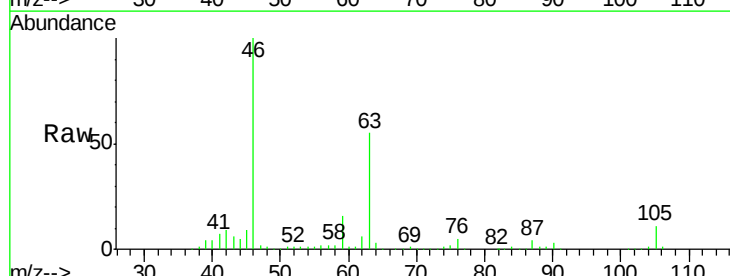
Ion Ratio Lower Upper

43 100

58 32.2 42.2 63.4#

57 29.6 14.5 21.7#

100 0.3 8.7 13.1#

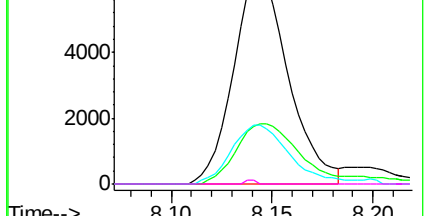


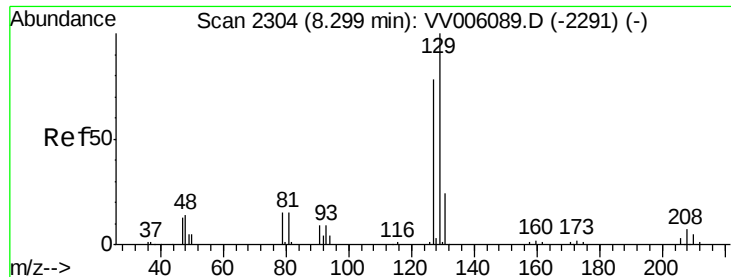
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 4.15 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006091.D

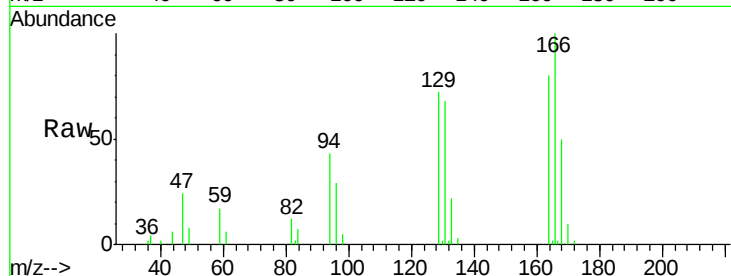
Acq: 27 May 2018 17:51

Tgt Ion: 129 Resp: 7482

Ion Ratio Lower Upper

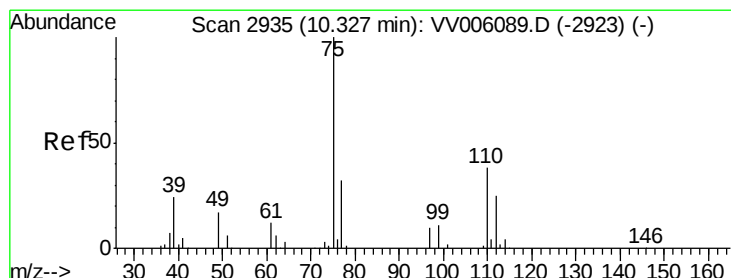
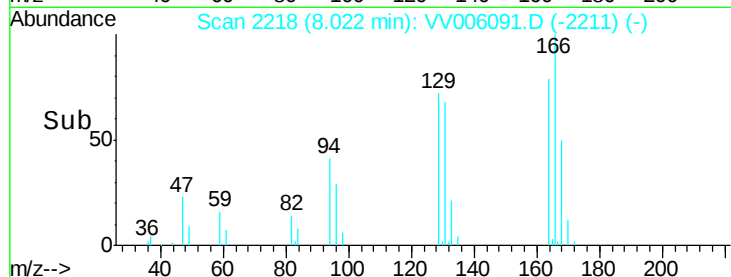
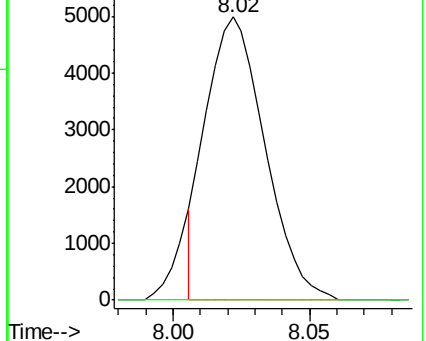
129 100

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: 4.54 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006091.D

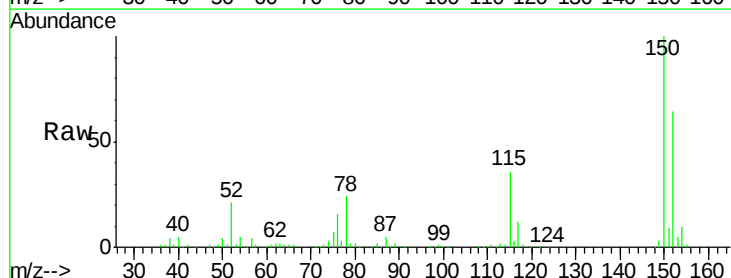
Acq: 27 May 2018 17:51

Tgt Ion: 75 Resp: 10716

Ion Ratio Lower Upper

75 100

77 38.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

