

Data File : VV006106.D
Acq On : 28 May 2018 00:17
Operator : SY/MD
Sample : J3090-05 4000X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 28 00:51:29 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	242272	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92191	50.00	ug/L	0.00

System Monitoring Compounds

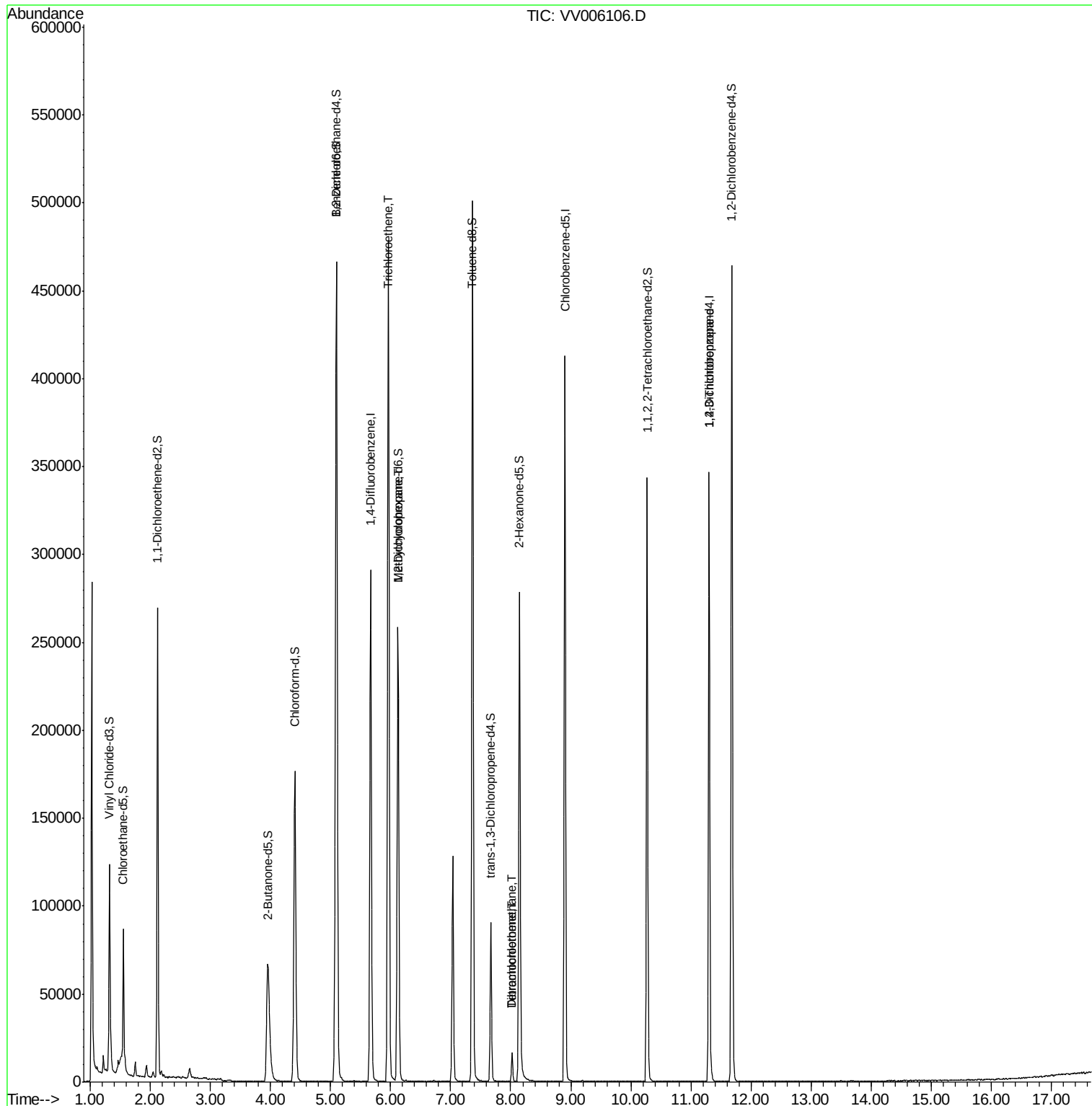
4) Vinyl Chloride-d3	1.32	65	95633	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.42%
7) Chloroethane-d5	1.55	69	37106	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.72%
11) 1,1-Dichloroethene-d2	2.12	63	140800	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.60%
21) 2-Butanone-d5	3.95	46	101560	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.41	84	177070	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.09	65	120825	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
32) Benzene-d6	5.10	84	369829	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
36) 1,2-Dichloropropane-d6	6.12	67	124478	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.98%
41) Toluene-d8	7.36	98	327456	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%
43) trans-1,3-Dichloropropene-	7.67	79	48696	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.14	63	94745	102.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.19%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	166943	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	127930	55.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.80%

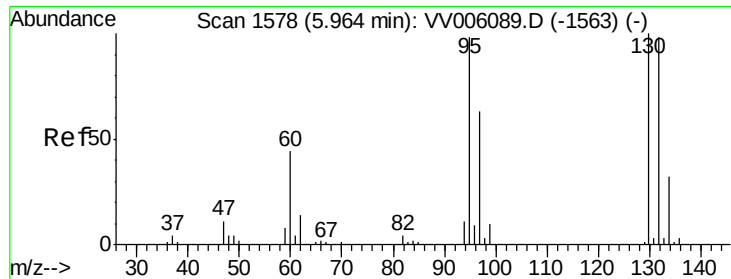
Target Compounds						Qvalue
34) Trichloroethene	5.96	95	163442	93.05	ug/L	99
35) Methylcyclohexane	6.12	83	28395	9.98	ug/L #	18
46) Tetrachloroethene	8.02	164	3821	2.61	ug/L	91
49) Dibromochloromethane	8.02	129	3028	1.67	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10352	4.35	ug/L	92

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

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#34

Trichloroethene

Concen: 93.05 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006106.D

Acq: 28 May 2018 00:17

Tgt Ion: 95 Resp: 163442

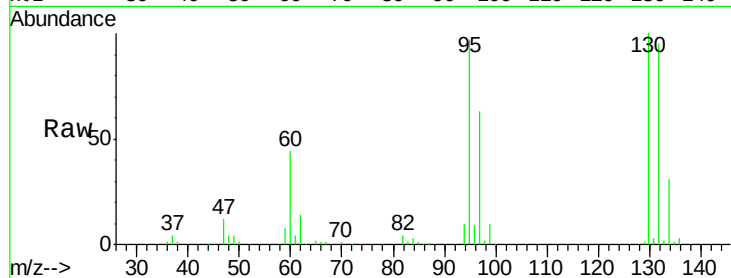
Ion Ratio Lower Upper

95 100

97 65.0 45.4 84.4

132 98.1 69.0 128.2

130 103.1 71.2 132.2

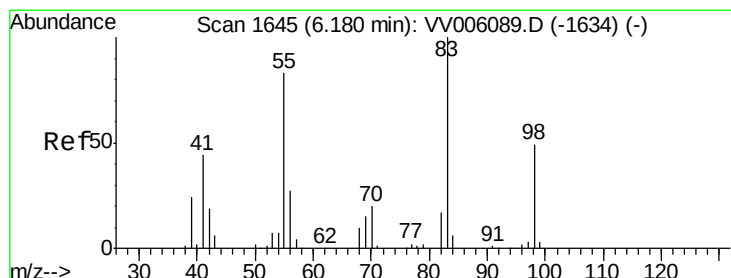
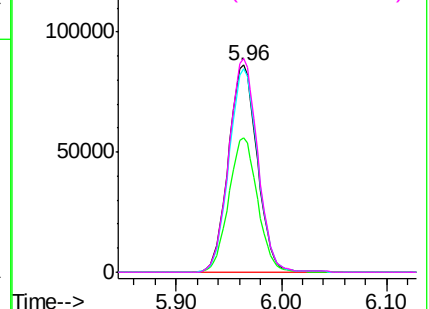
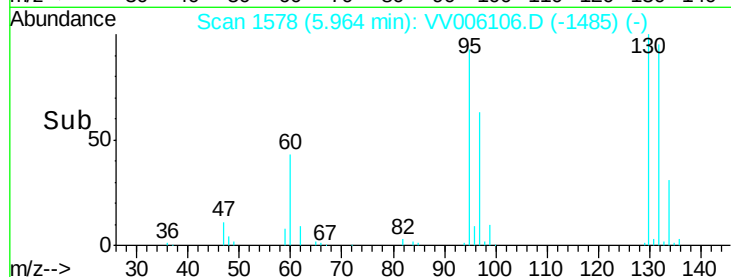


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 9.98 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006106.D

Acq: 28 May 2018 00:17

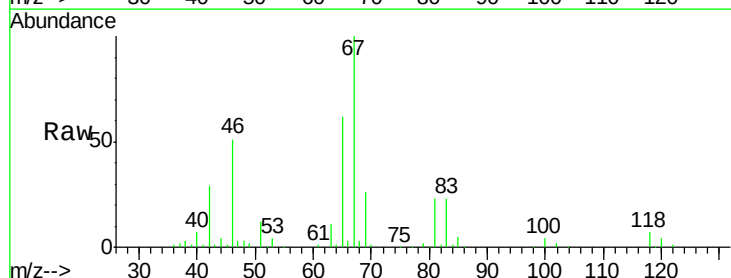
Tgt Ion: 83 Resp: 28395

Ion Ratio Lower Upper

83 100

55 0.1 62.8 94.2#

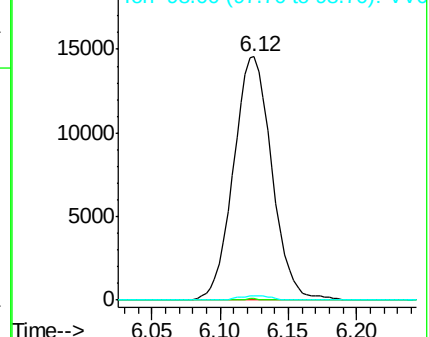
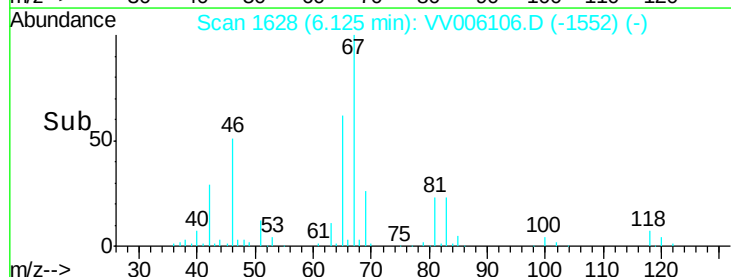
98 1.4 37.5 56.3#

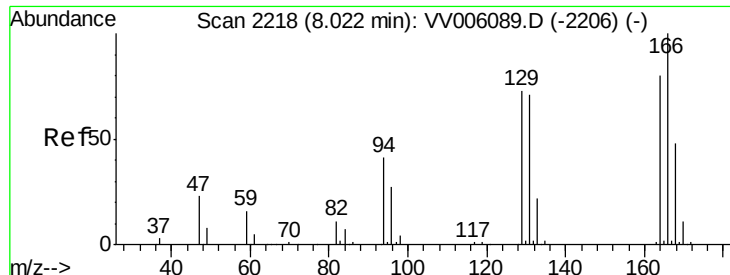


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 2.61 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006106.D

Acq: 28 May 2018 00:17

Tgt Ion:164 Resp: 3821

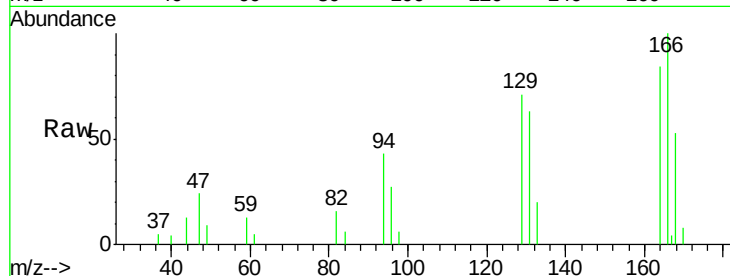
Ion Ratio Lower Upper

164 100

129 84.5 63.9 118.7

131 74.3 61.6 114.4

166 118.6 88.3 164.1

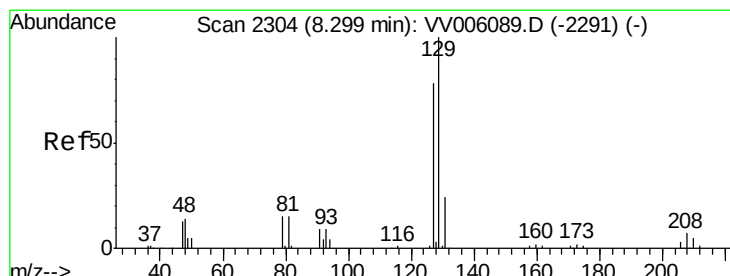
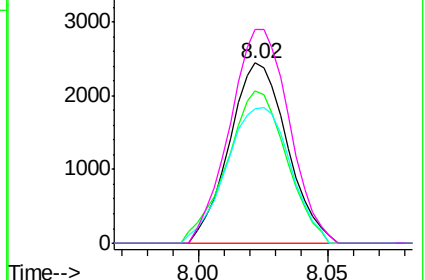
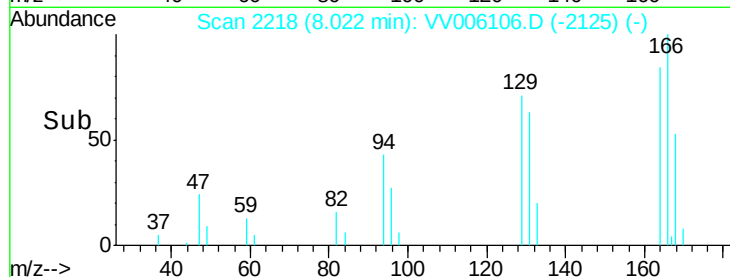


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 1.67 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006106.D

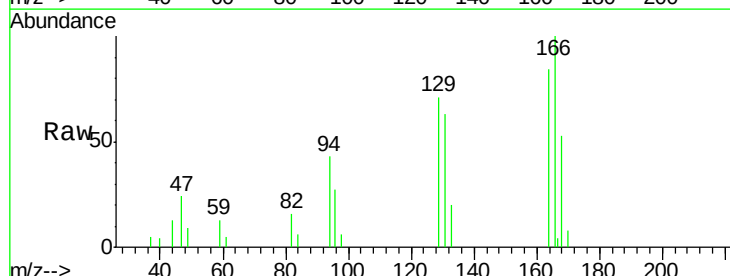
Acq: 28 May 2018 00:17

Tgt Ion:129 Resp: 3028

Ion Ratio Lower Upper

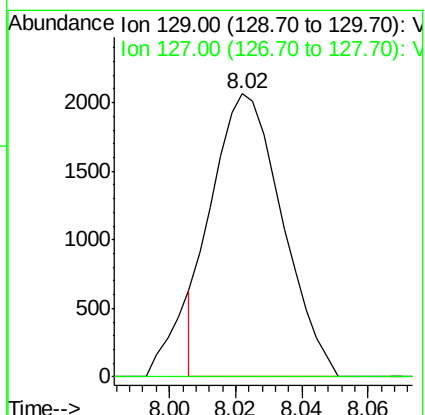
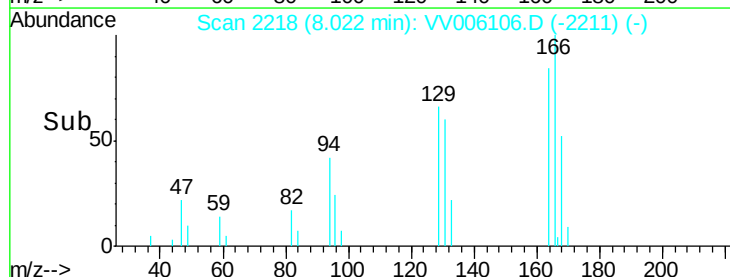
129 100

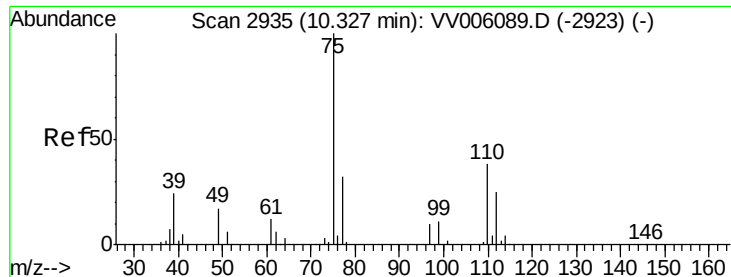
127 0.0 54.1 100.5#



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: 4.35 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006106.D

Acq: 28 May 2018 00:17

Tgt Ion: 75 Resp: 10352

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.8

