

Data File : VV006074.D
Acq On : 27 May 2018 00:29
Operator : SY/MD
Sample : J3089-20 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 04:17:22 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	161386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58678	50.00	ug/L	0.00

System Monitoring Compounds

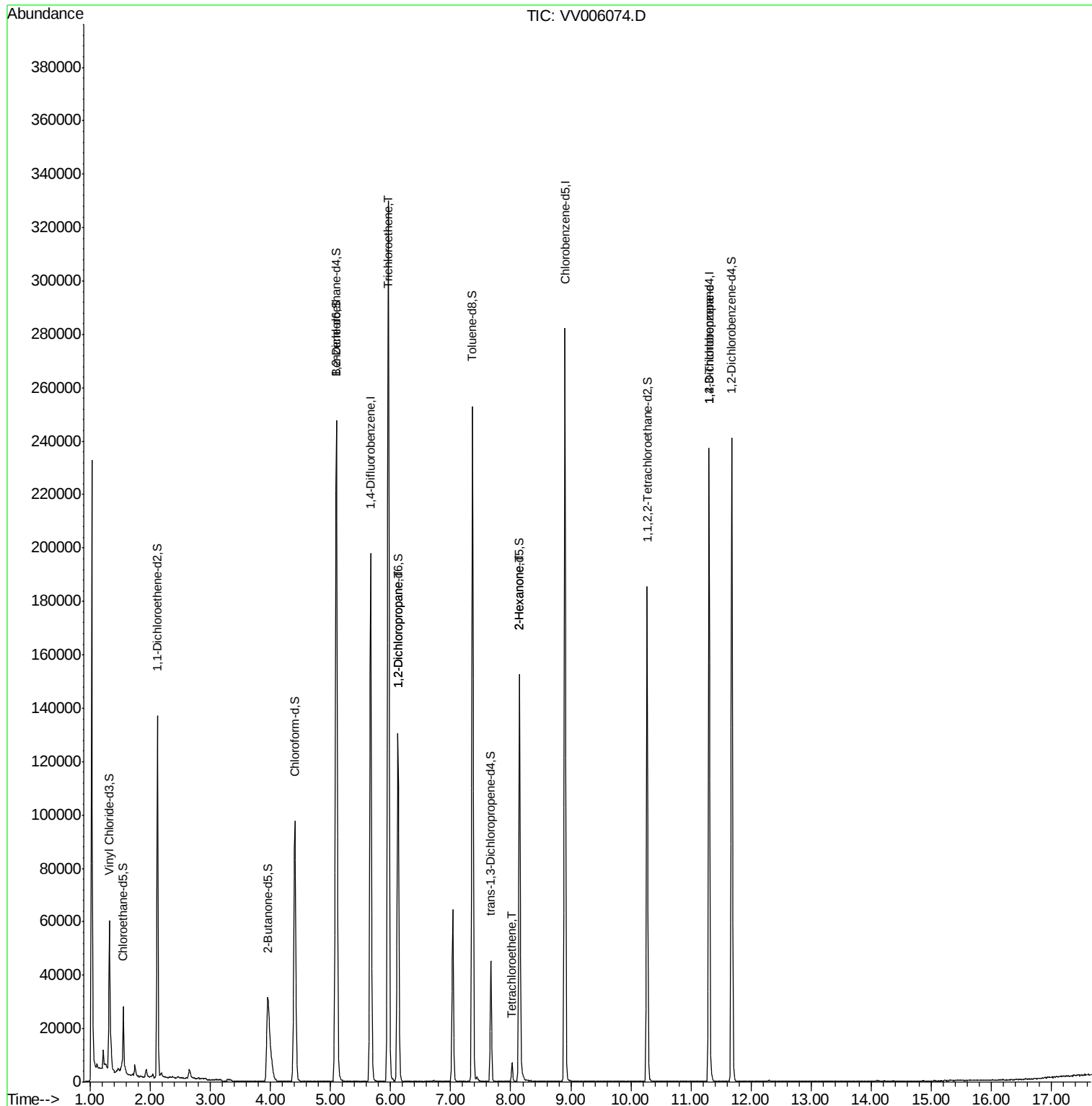
4) Vinyl Chloride-d3	1.32	65	49405	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.55	69	11560	14.50	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.00%#
11) 1,1-Dichloroethene-d2	2.12	63	70851	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.95	46	51554	79.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.85%
24) Chloroform-d	4.40	84	97670	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.09	65	67429	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.10	84	191509	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.12	67	62563	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.20%
41) Toluene-d8	7.36	98	164063	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	7.67	79	24674	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.94%
47) 2-Hexanone-d5	8.14	63	49533	99.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86728	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	61520	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

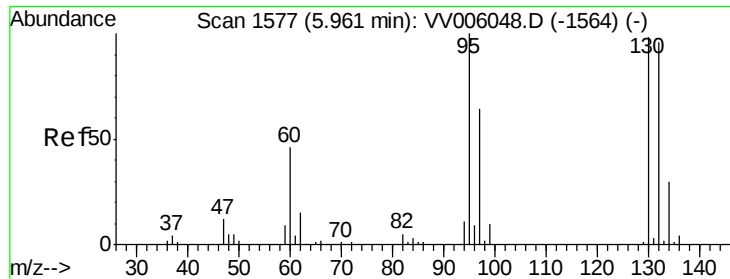
Target Compounds						Qvalue
34) Trichloroethene	5.96	95	114250	94.80	ug/L	98
37) 1,2-Dichloropropane	6.12	63	7227	5.76	ug/L #	87
46) Tetrachloroethene	8.03	164	1532	1.69	ug/L	98
48) 2-Hexanone	8.14	43	6900	5.43	ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	7192	4.49	ug/L #	84

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

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#34

Trichloroethene

Concen: 94.80 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

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Acq: 27 May 2018 00:29

Tgt Ion: 95 Resp: 114250

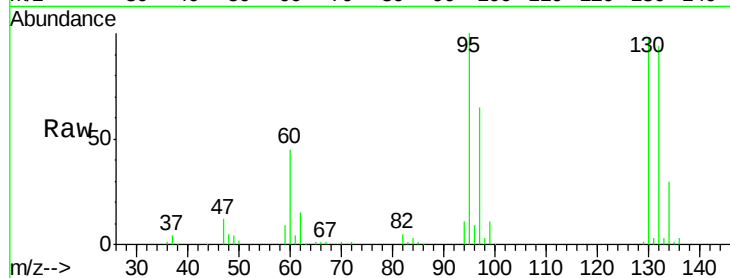
Ion Ratio Lower Upper

95 100

97 64.9 44.0 81.6

132 93.9 65.0 120.6

130 97.9 66.6 123.8

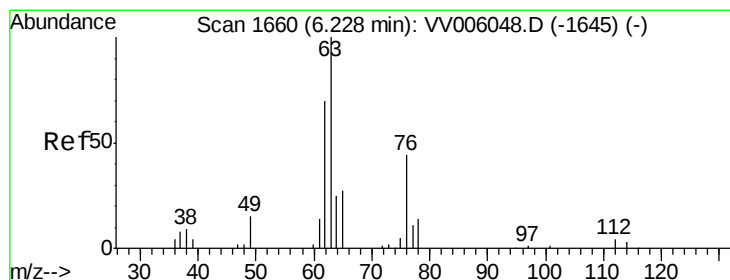
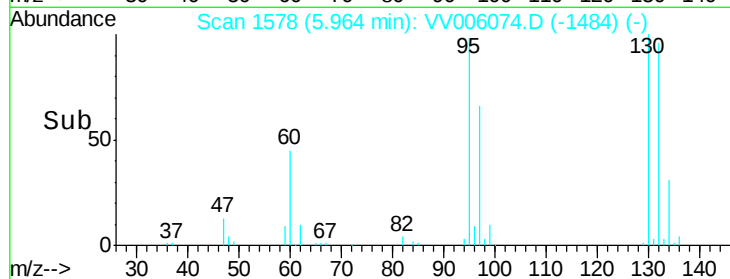
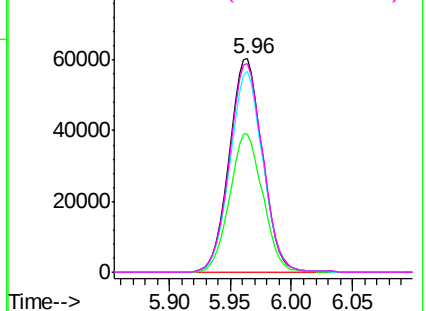


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.76 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

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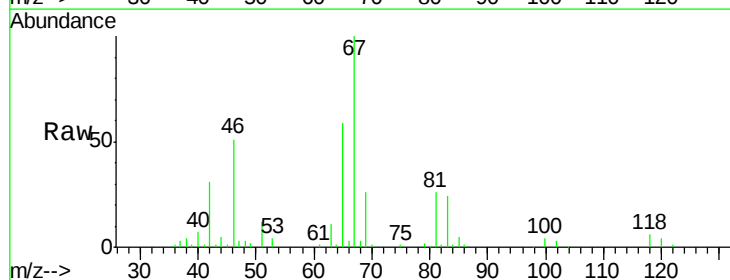
Acq: 27 May 2018 00:29

Tgt Ion: 63 Resp: 7227

Ion Ratio Lower Upper

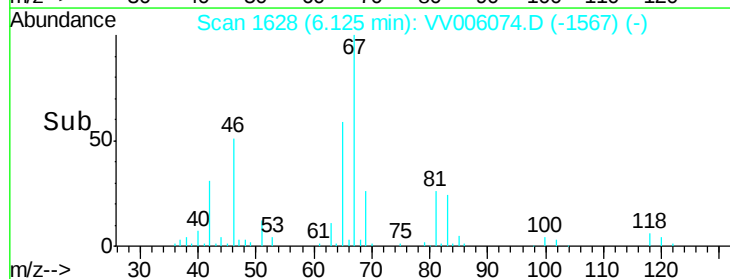
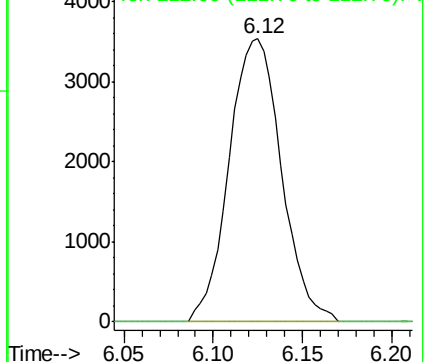
63 100

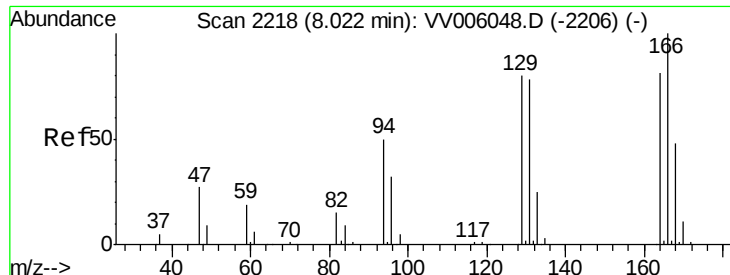
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.69 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006074.D

Acq: 27 May 2018 00:29

Tgt Ion: 164 Resp: 1532

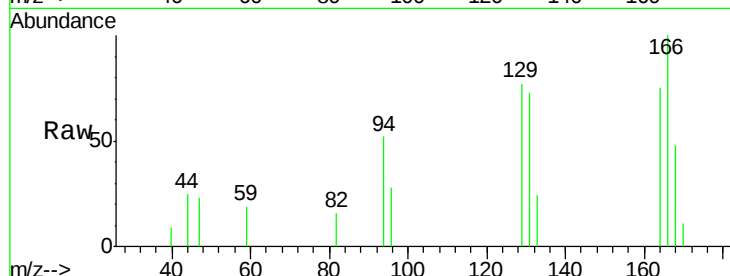
Ion Ratio Lower Upper

164 100

129 102.6 72.2 134.2

131 98.1 70.0 130.0

166 134.0 90.4 167.8

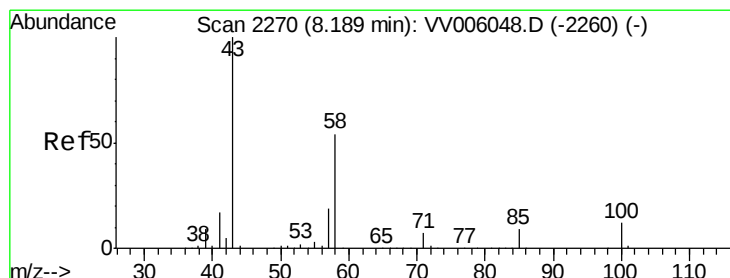
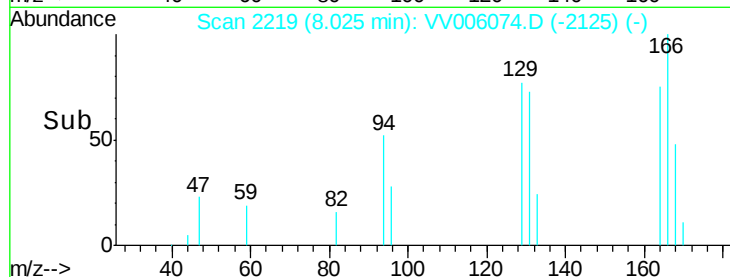
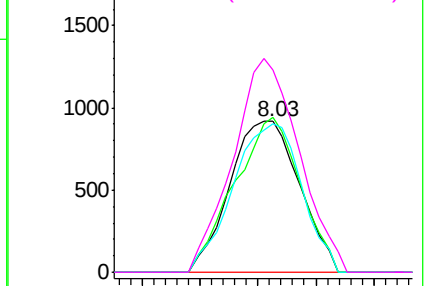


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.43 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.04 min

Lab File: VV006074.D

Acq: 27 May 2018 00:29

Tgt Ion: 43 Resp: 6900

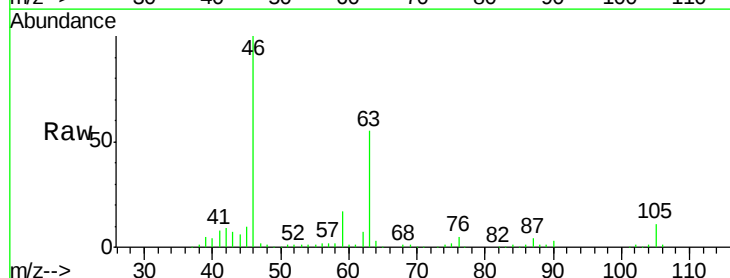
Ion Ratio Lower Upper

43 100

58 35.2 45.4 68.2#

57 30.1 15.9 23.9#

100 0.0 9.8 14.6#

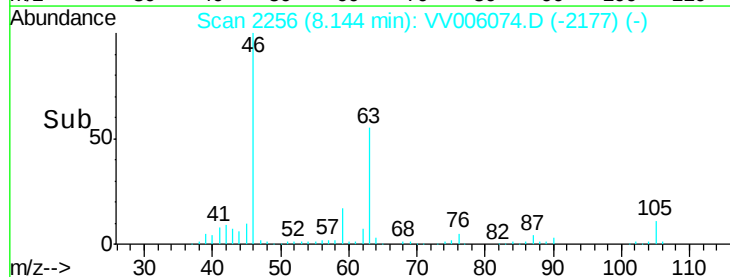
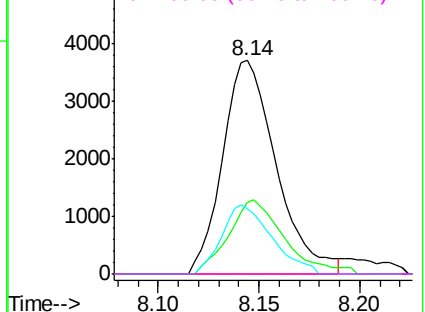


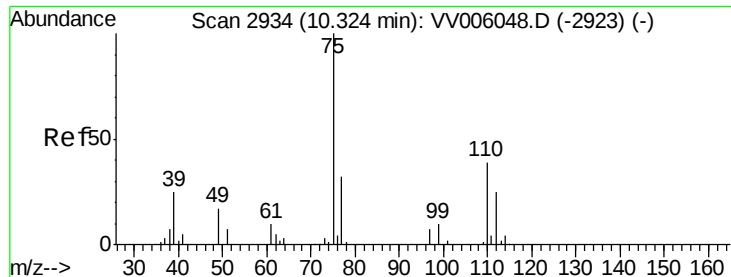
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 4.49 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006074.D

Acq: 27 May 2018 00:29

Tgt Ion: 75 Resp: 7192

Ion Ratio Lower Upper

75 100

77 41.3 25.8 38.6#

