

Data File : VV006105.D
Acq On : 27 May 2018 23:51
Operator : SY/MD
Sample : J3090-16 2500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 00:51:18 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	241048	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94898	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.18%
7) Chloroethane-d5	1.55	69	35704	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	137471	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.16%
21) 2-Butanone-d5	3.95	46	103543	101.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.40	84	173990	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	118207	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
32) Benzene-d6	5.10	84	364310	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	121912	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.46%
41) Toluene-d8	7.36	98	318044	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.67	79	46909	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.14	63	91023	98.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	159969	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	124470	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%

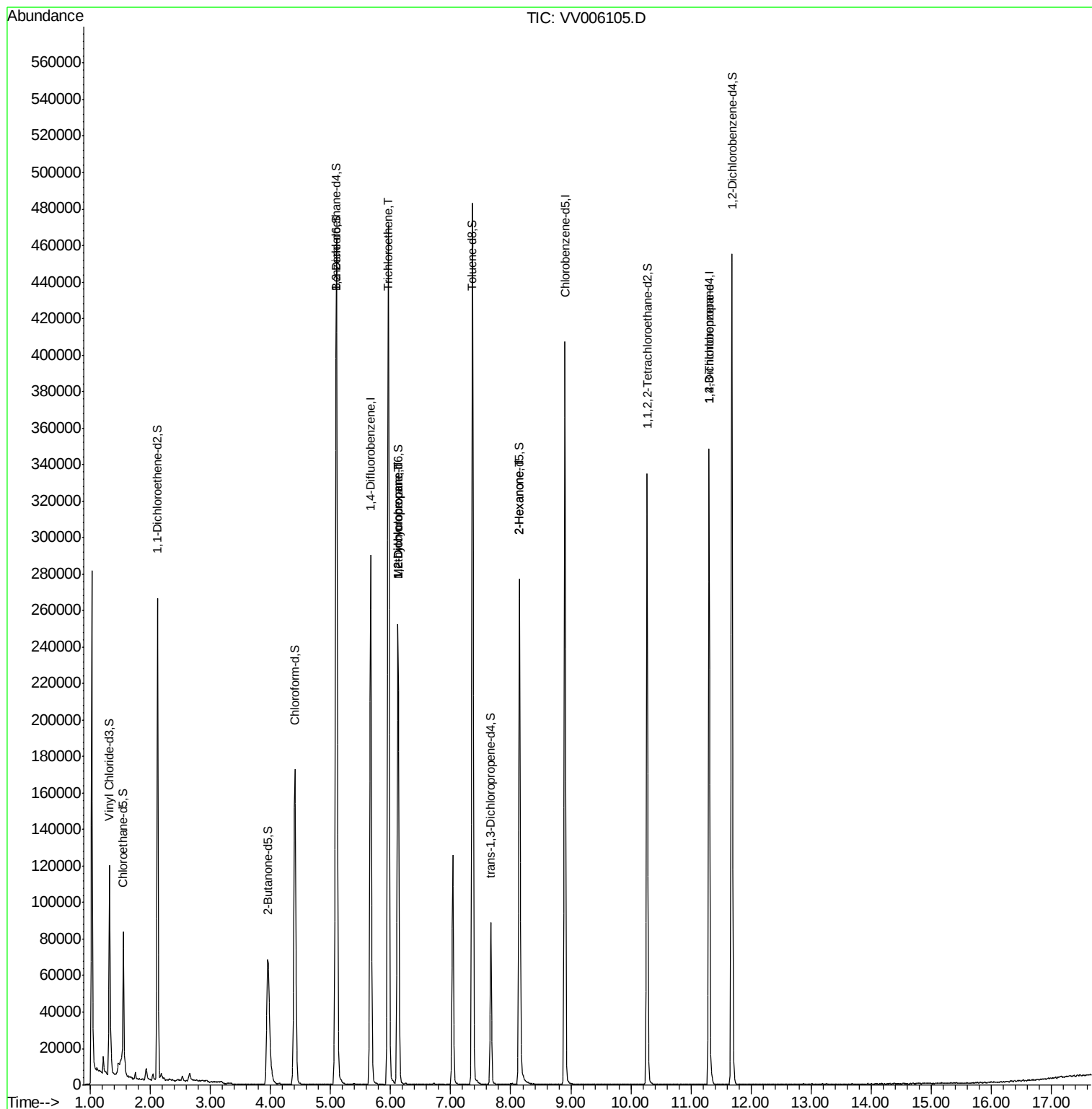
Target Compounds

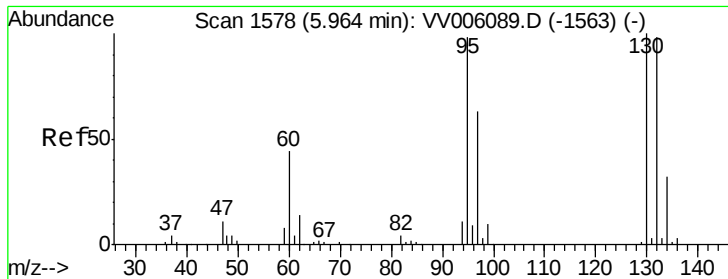
						Qvalue
34) Trichloroethene	5.96	95	164074	94.00	ug/L	99
35) Methylcyclohexane	6.12	83	28159	9.96	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12776	6.73	ug/L #	88
48) 2-Hexanone	8.14	43	12598	6.13	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	10536	4.46	ug/L	91

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

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#34

Trichloroethene

Concen: 94.00 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 164074

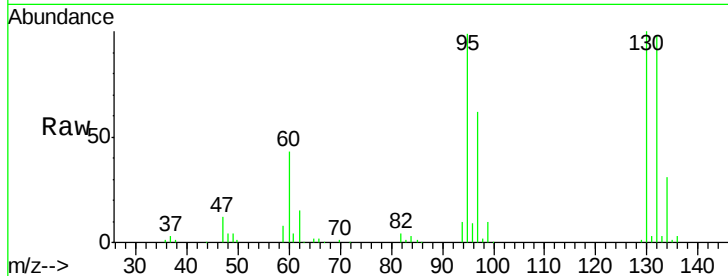
Ion Ratio Lower Upper

95 100

97 62.9 45.4 84.4

132 98.7 69.0 128.2

130 100.9 71.2 132.2

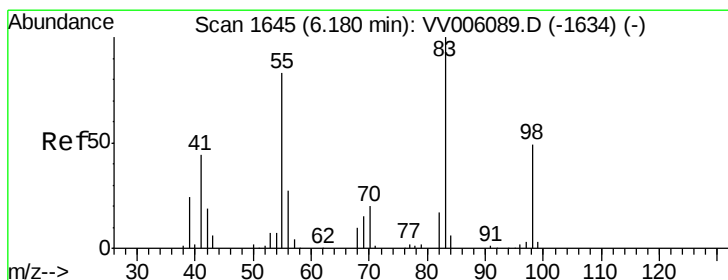
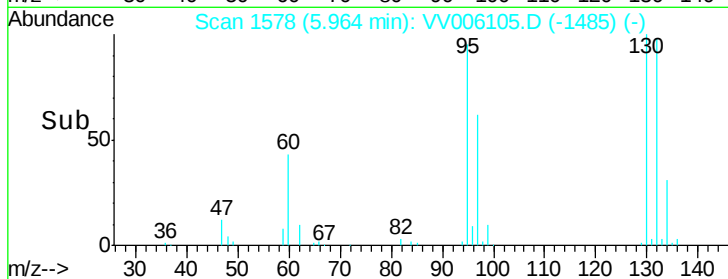
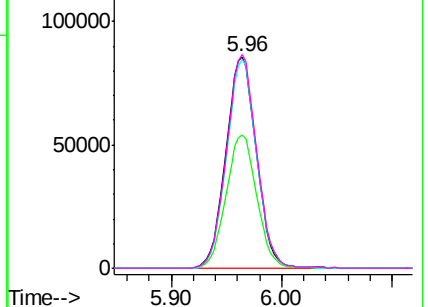


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 9.96 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

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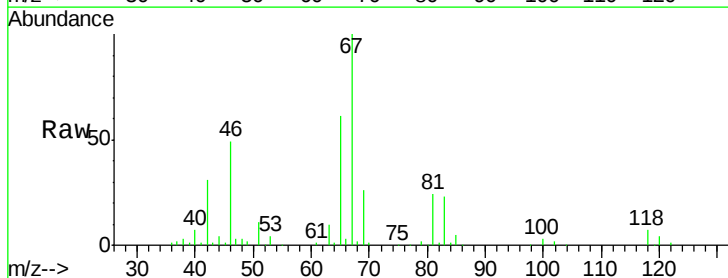
Tgt Ion: 83 Resp: 28159

Ion Ratio Lower Upper

83 100

55 0.1 62.8 94.2#

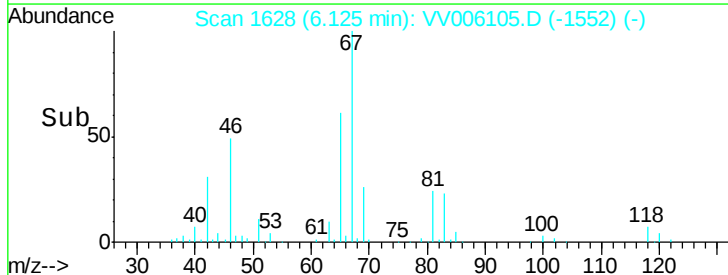
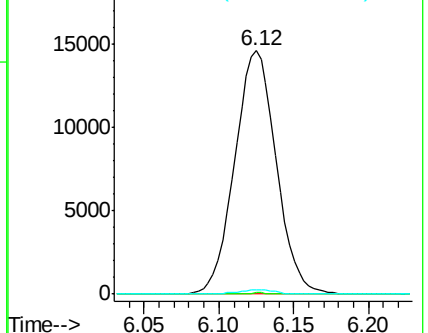
98 1.5 37.5 56.3#

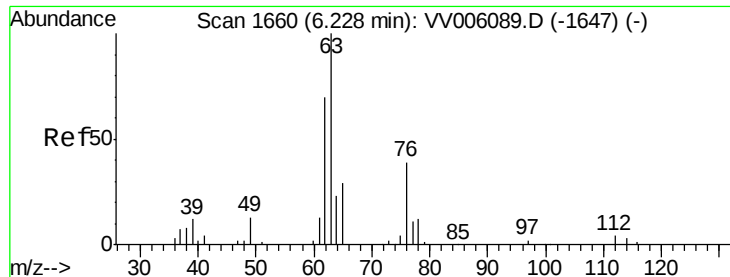


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

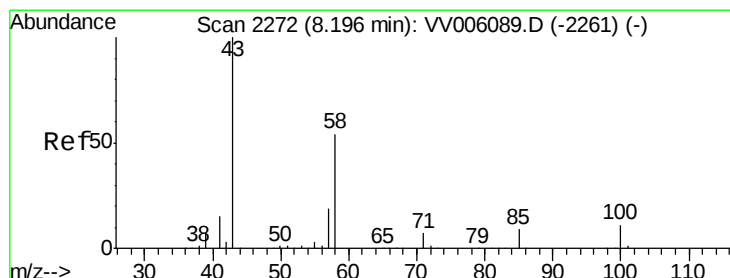
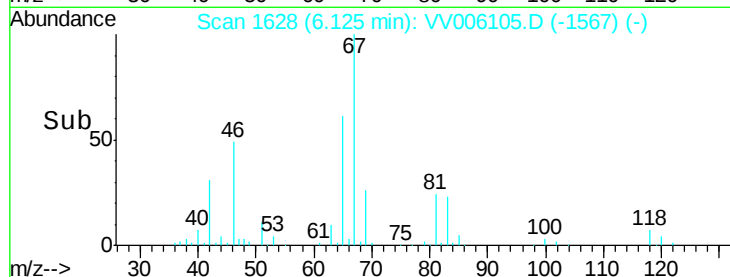
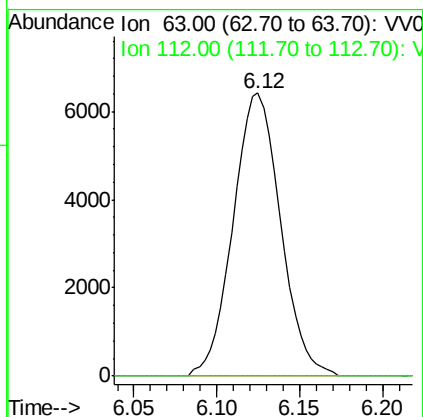
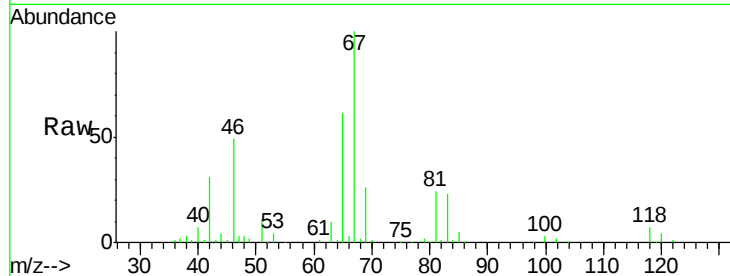
Ion 98.00 (97.70 to 98.70): VV0





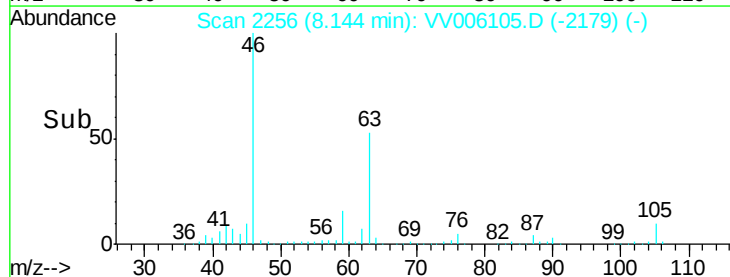
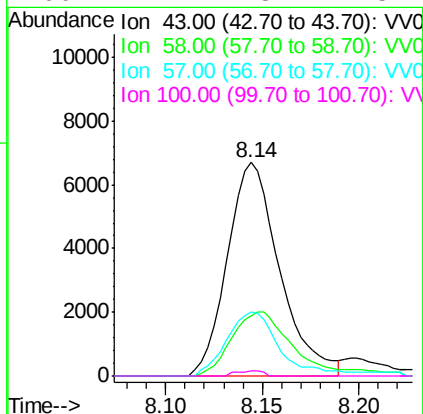
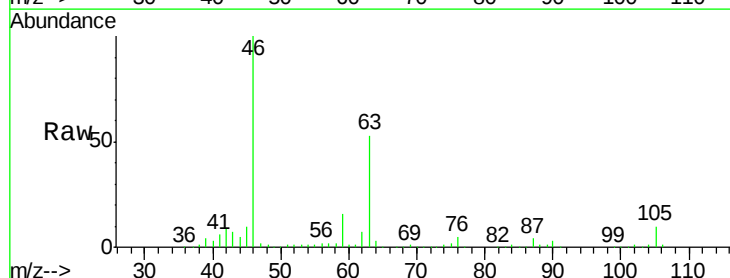
#37
 1,2-Dichloropropane
 Concen: 6.73 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
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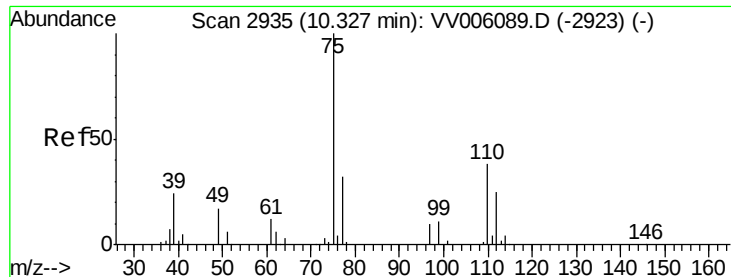
Tgt Ion: 63 Resp: 12776
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 6.13 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.05 min
 Lab File: VV006105.D
 Acq: 27 May 2018 23:51

Tgt Ion: 43 Resp: 12598
 Ion Ratio Lower Upper
 43 100
 58 33.9 42.2 63.4#
 57 30.3 14.5 21.7#
 100 1.2 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 4.46 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006105.D

Acq: 27 May 2018 23:51

Tgt Ion: 75 Resp: 10536

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8

