

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008017.D
 Acq On : 02 Oct 2018 01:32
 Operator : SY/MD
 Sample : J5159-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA5

Quant Time: Oct 02 04:19:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22905	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.59	69	20356	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	36927	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.98	46	65895	46.36	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.72%
24) Chloroform-d	4.41	84	51436	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	27753	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	100387	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.13	67	32330	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	94139	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	10543	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	48756	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22796	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	38249	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

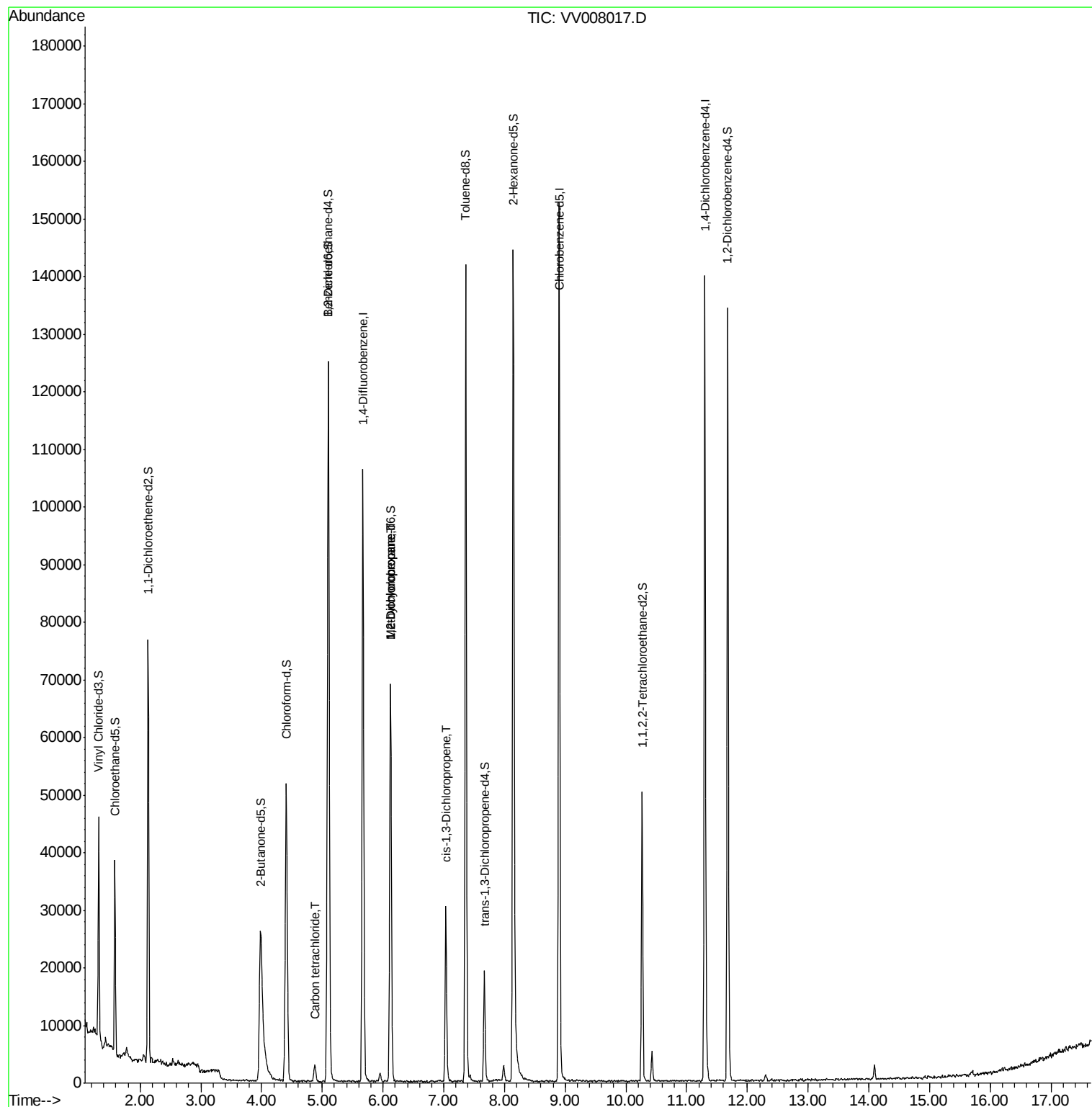
					Ovalue
31) Carbon tetrachloride	4.87	117	2244	0.254 ug/L	93
35) Methylcyclohexane	6.12	83	7846	0.764 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3936	0.644 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	775	0.095 ug/L #	78

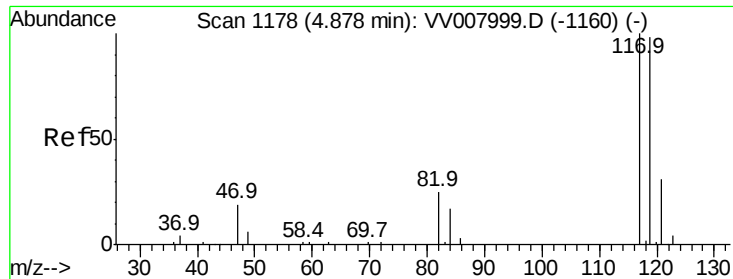
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#31

Carbon tetrachloride

Concen: 0.254 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

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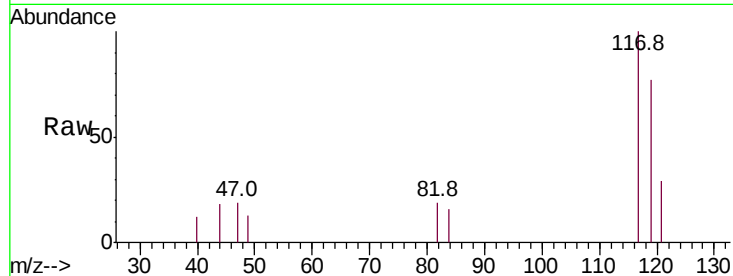
GACA5

Tot Ion:117 Resp: 2244

Ion Ratio Lower Upper

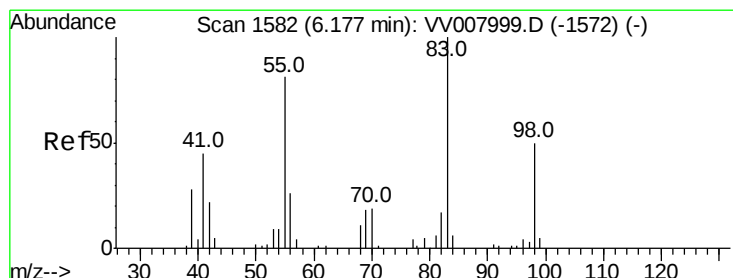
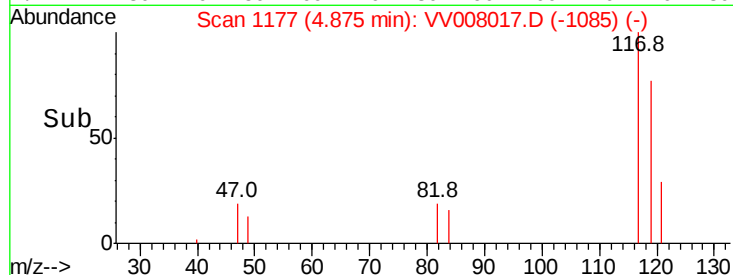
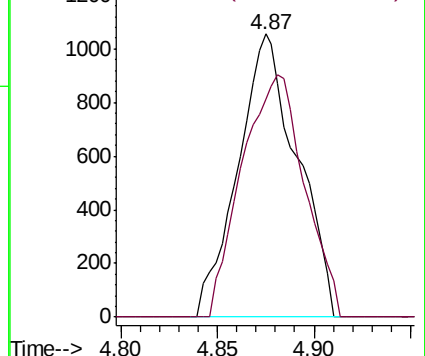
117 100

119 90.4 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008017.D

Acq: 02 Oct 2018 01:32

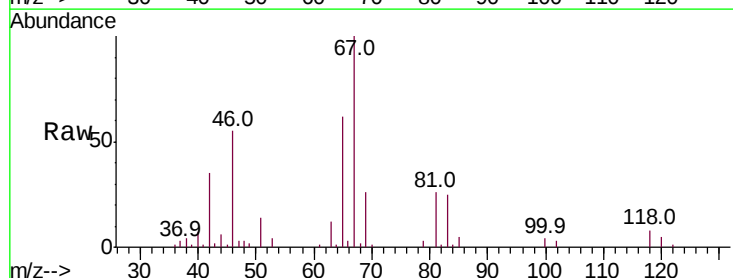
Tgt Ion: 83 Resp: 7846

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

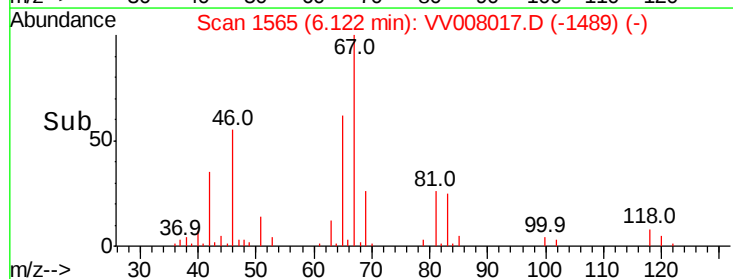
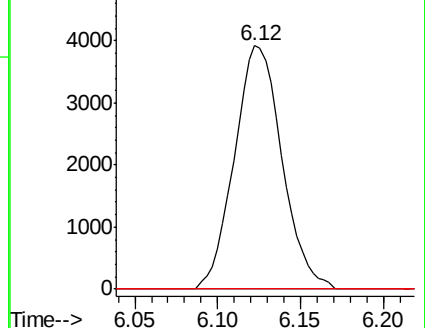
98 2.1 38.0 57.0#

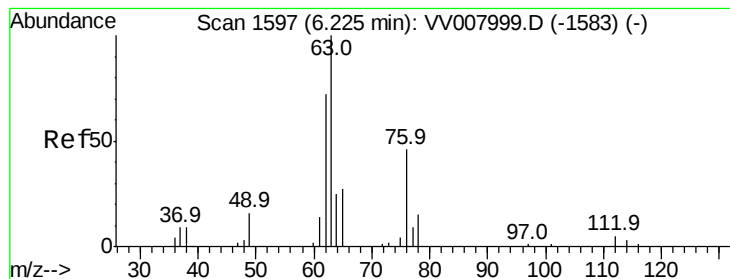


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

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Instrument :

MSVOA_V

ClientSampleId :

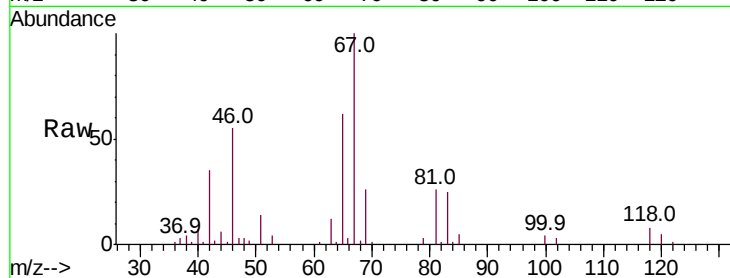
GACA5

Tot Ion: 63 Resp: 3936

Ion Ratio Lower Upper

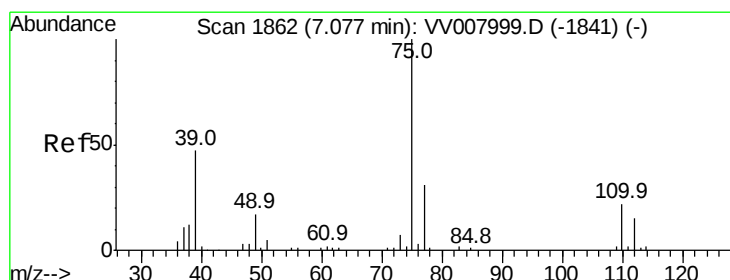
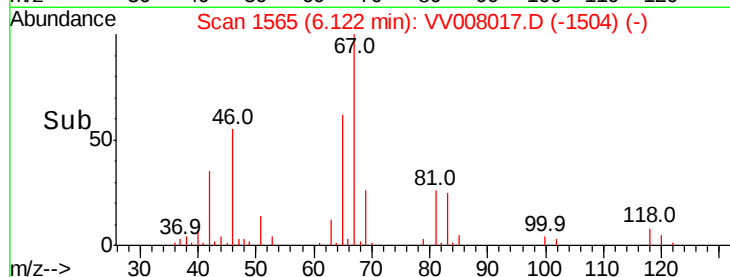
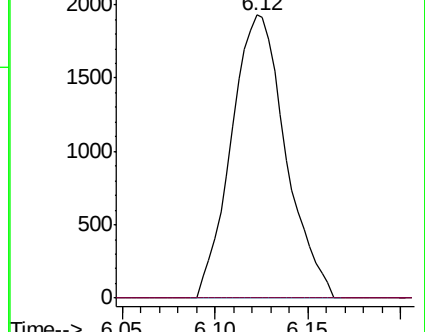
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007999.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV007999.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008017.D

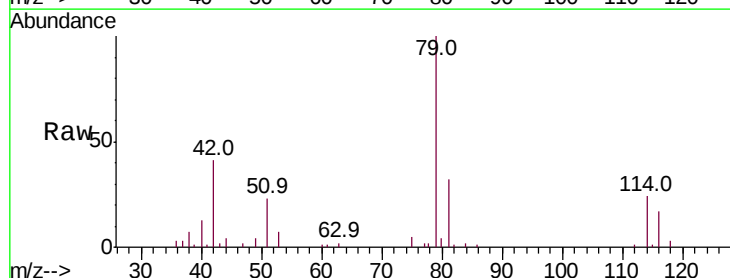
Acq: 02 Oct 2018 01:32

Tgt Ion: 75 Resp: 775

Ion Ratio Lower Upper

75 100

77 44.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007999.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007999.D (-1841) (-)

