

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008010.D
 Acq On : 01 Oct 2018 22:21
 Operator : SY/MD
 Sample : J5159-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0

Quant Time: Oct 02 04:19:15 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	85122	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39218	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23446	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.59	69	20355	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	37106	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.98	46	66212	48.24	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.48%
24) Chloroform-d	4.41	84	51040	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	27840	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	99725	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.12	67	32096	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	93121	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	10391	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	47194	45.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22815	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	38005	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

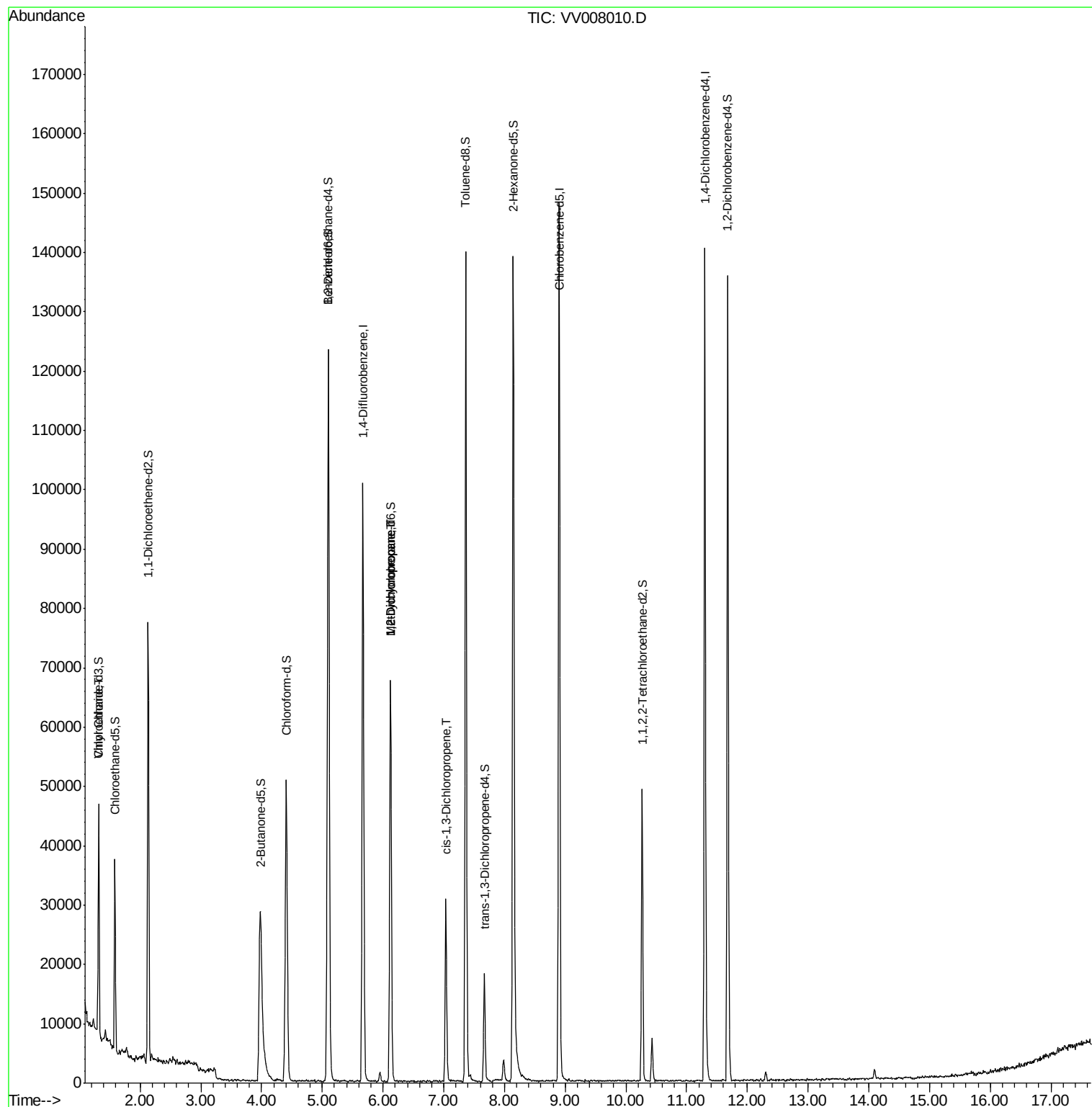
					Ovalue
8) Chloroethane	1.32	64	395	0.096 ug/L #	1
35) Methylcyclohexane	6.12	83	7646	0.771 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3600	0.610 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	888	0.113 ug/L #	78

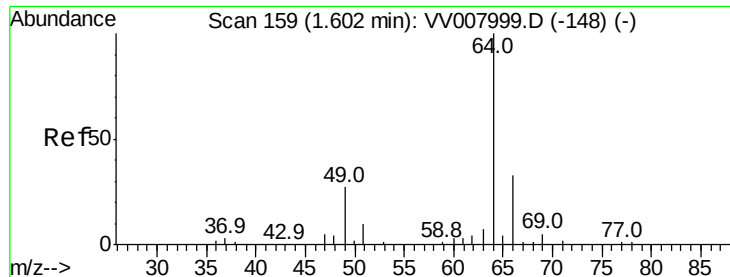
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

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Acq: 01 Oct 2018 22:21

Instrument :

MSVOA_V

ClientSampleId :

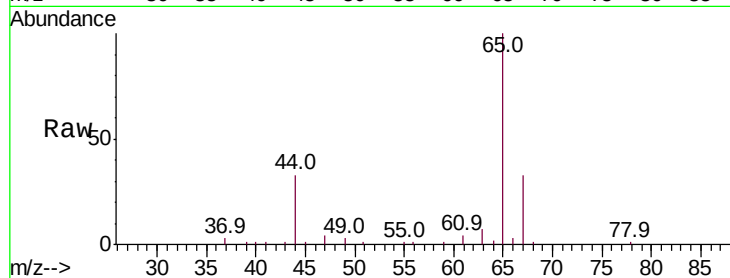
GACA0

Tot Ion: 64 Resp: 395

Ion Ratio Lower Upper

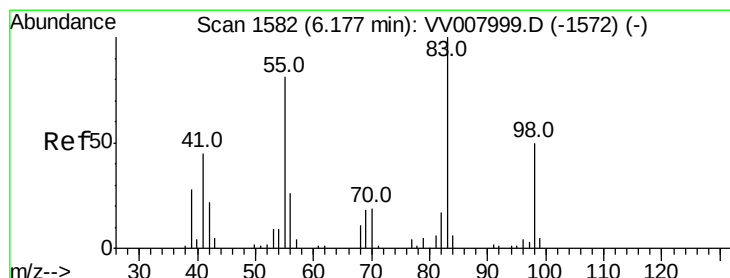
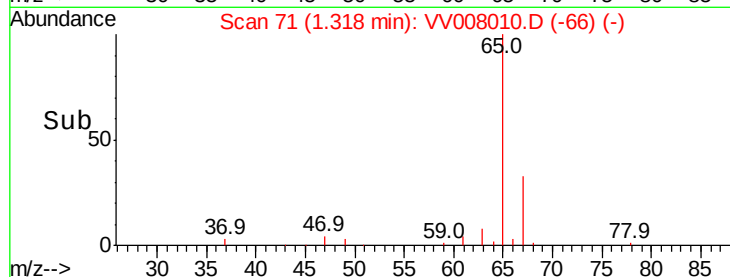
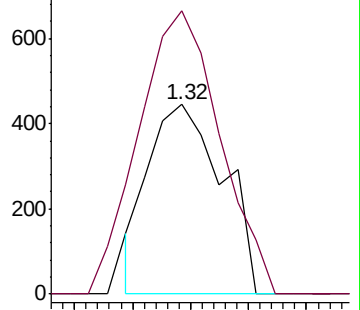
64 100

66 149.2 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008010.D

Acq: 01 Oct 2018 22:21

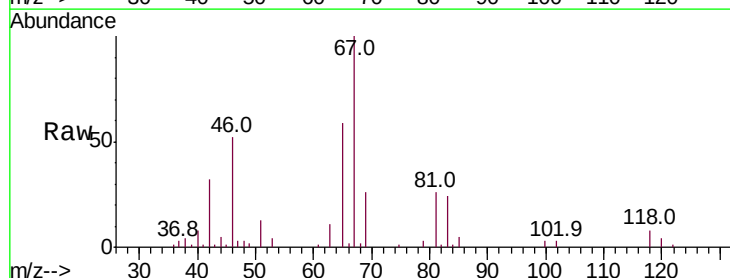
Tgt Ion: 83 Resp: 7646

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

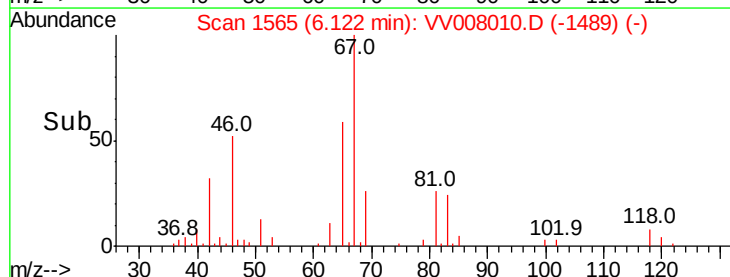
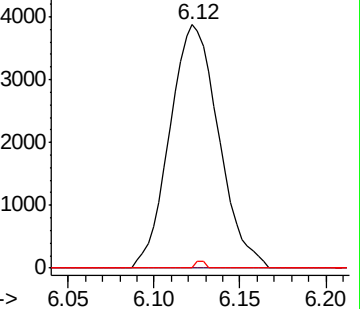
98 0.6 38.0 57.0#

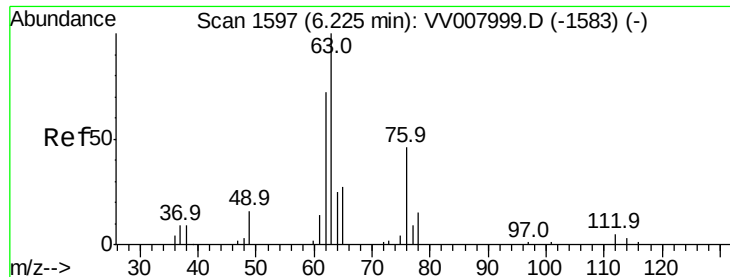


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

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Instrument :

MSVOA_V

ClientSampled :

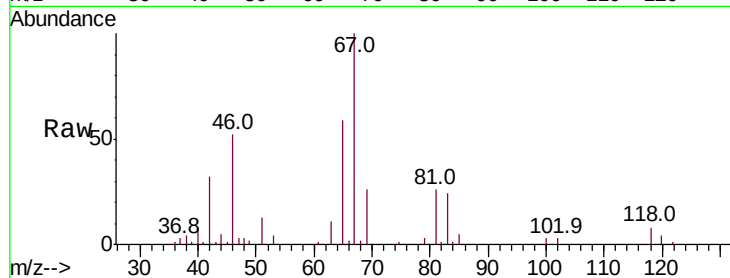
GACA0

Tot Ion: 63 Resp: 3600

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) (-)

6.12

2000

1500

1000

500

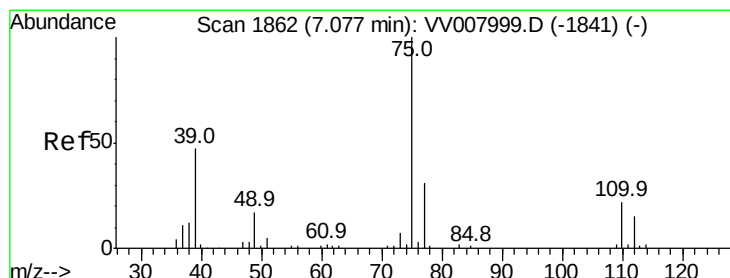
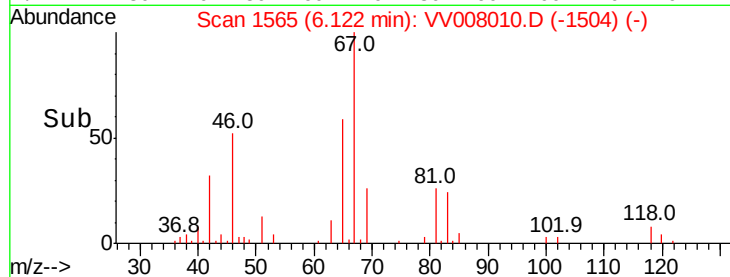
0

Time-->

6.05

6.10

6.15



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008010.D

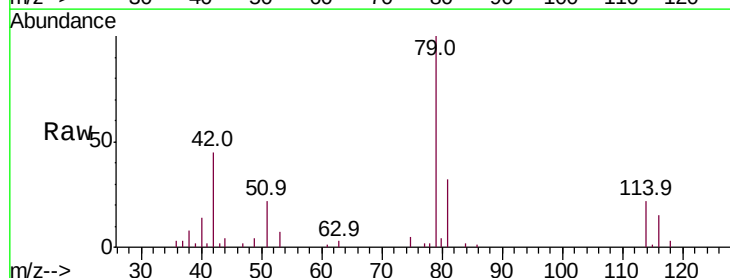
Acq: 01 Oct 2018 22:21

Tgt Ion: 75 Resp: 888

Ion Ratio Lower Upper

75 100

77 45.1 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) (-)

7.04

600

500

400

300

200

100

0

Time-->

7.00

7.05

