

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008009.D
 Acq On : 01 Oct 2018 21:54
 Operator : SY/MD
 Sample : J5159-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC99

Quant Time: Oct 02 04:19:09 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	90434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24050	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.59	69	20231	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	37043	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.97	46	66543	45.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.26%
24) Chloroform-d	4.41	84	52480	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	28182	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	101927	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.13	67	32283	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	93732	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	10424	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	46494	41.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22234	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39382	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

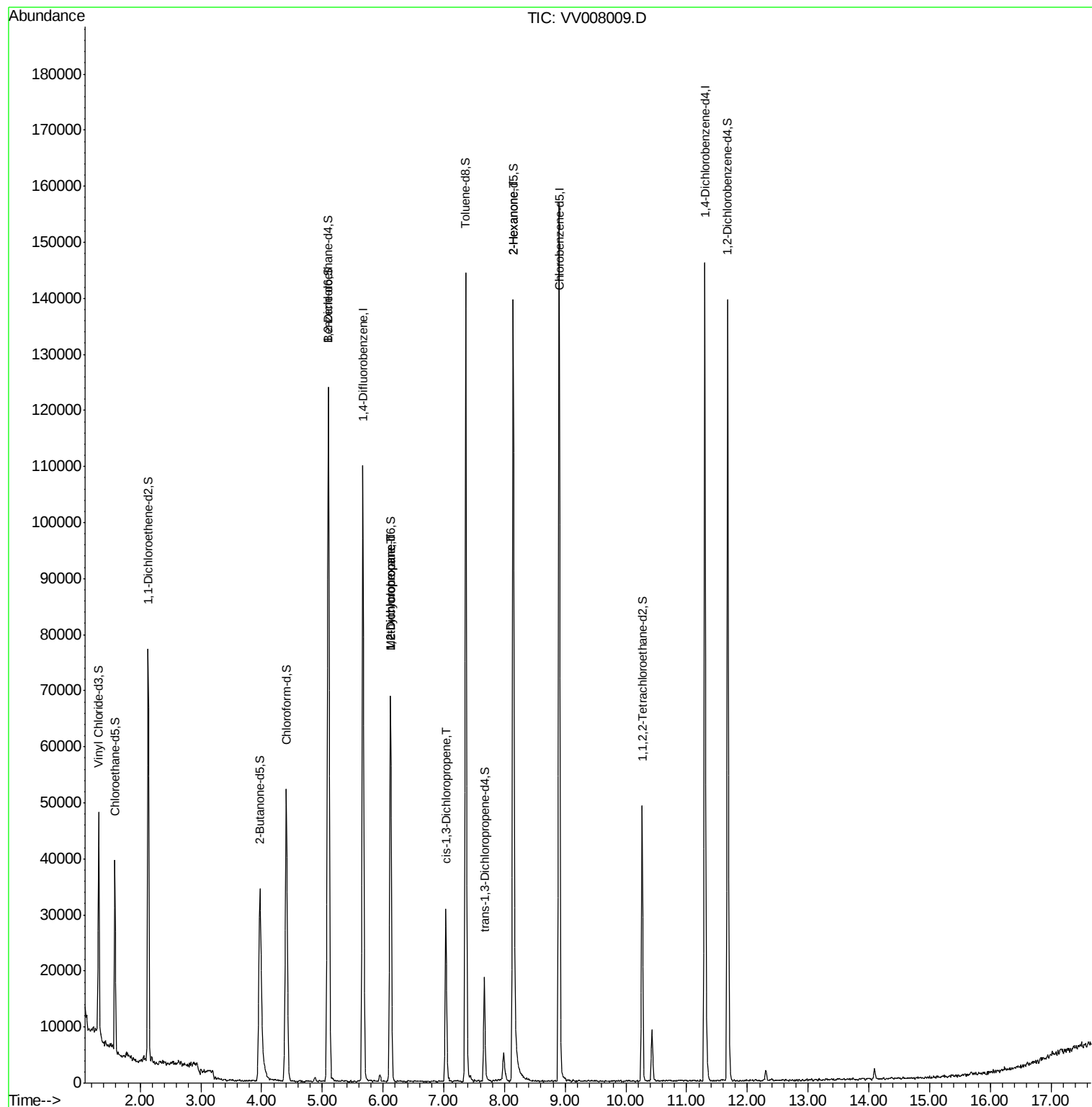
					Ovalue
35) Methylcyclohexane	6.12	83	8076	0.751 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3852	0.602 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	866	0.101 ug/L #	80
48) 2-Hexanone	8.14	43	6592	2.361 ug/L #	72

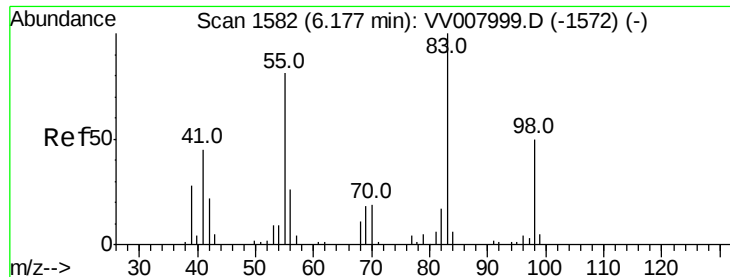
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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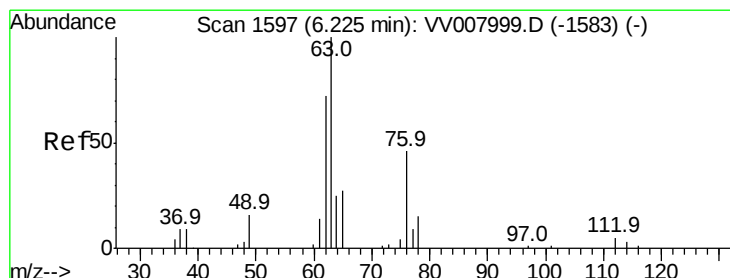
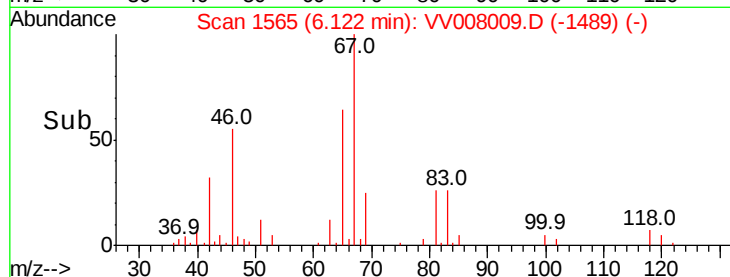
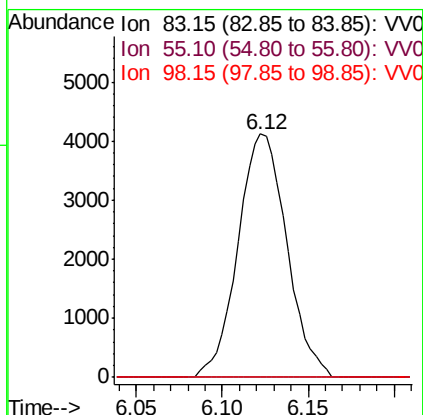
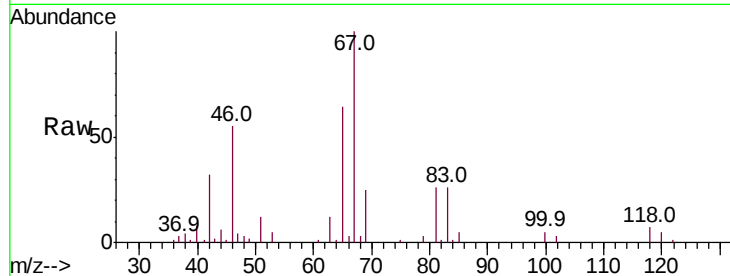




#35
Methvlcvclohexane
Concen: 0.751 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008009.D
Acq: 01 Oct 2018 21:54

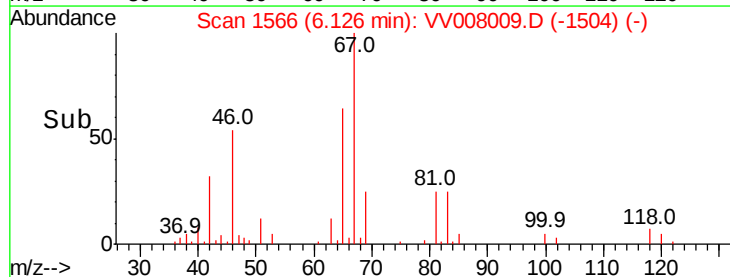
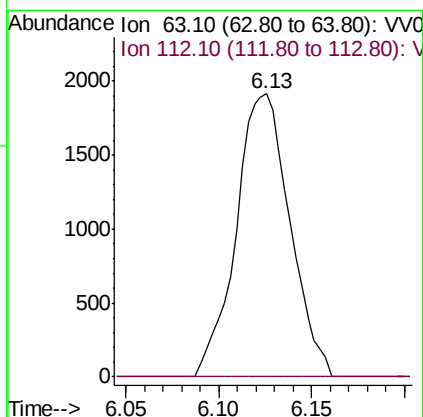
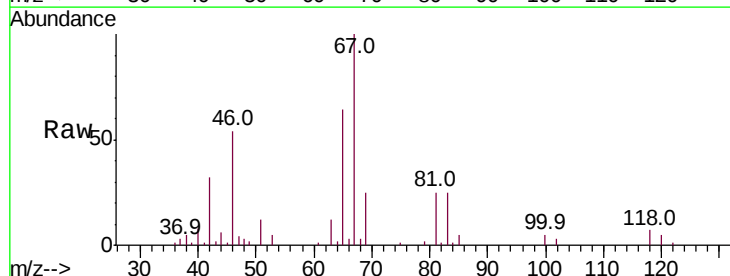
Instrument :
MSVOA_V
ClientSampled :
GAC99

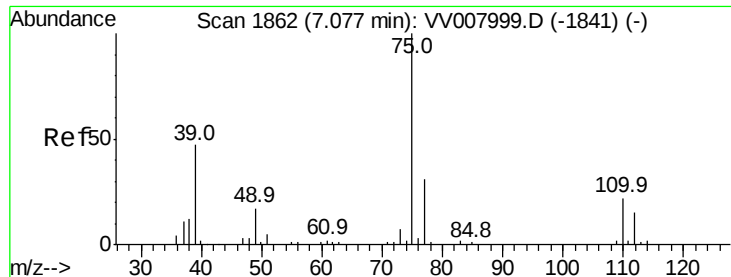
Tot Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 1.1 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008009.D
Acq: 01 Oct 2018 21:54

Tgt Ion: 63 Resp: 3852
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV008009.D

Acq: 01 Oct 2018 21:54

Instrument :

MSVOA_V

ClientSampleId :

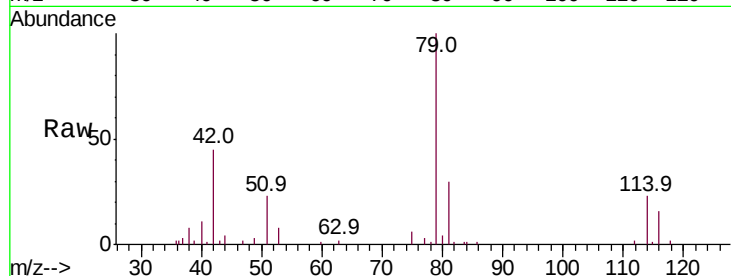
GAC99

Tot Ion: 75 Resp: 866

Ion Ratio Lower Upper

75 100

77 44.0 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) (-)

7.03

600

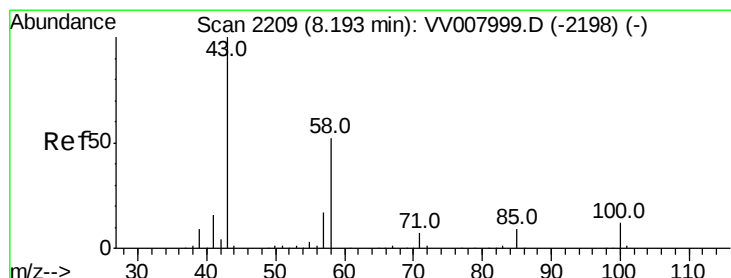
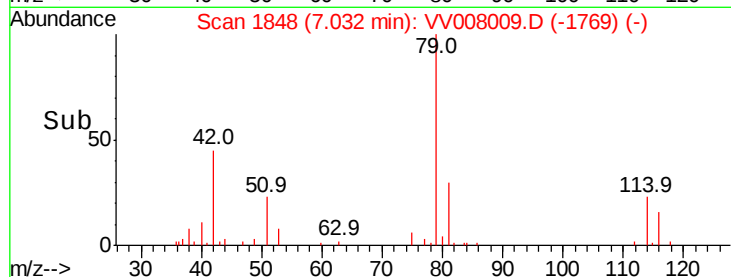
400

200

0

7.00 7.02 7.04 7.06

Time-->



#48

2-Hexanone

Concen: 2.361 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV008009.D

Acq: 01 Oct 2018 21:54

Tgt Ion: 43 Resp: 6592

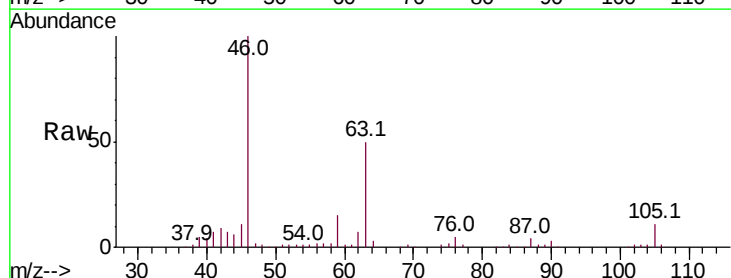
Ion Ratio Lower Upper

43 100

58 32.9 41.9 62.9#

57 29.4 14.3 21.5#

100 0.0 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VV007999.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007999.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007999.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007999.D (-2198) (-)

5000

4000

3000

2000

1000

0

8.10 8.15 8.20

Time-->

