

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008008.D
 Acq On : 01 Oct 2018 21:26
 Operator : SY/MD
 Sample : J5159-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC98

Quant Time: Oct 02 04:19:03 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	83418	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37124	5.00	ug/L	0.00

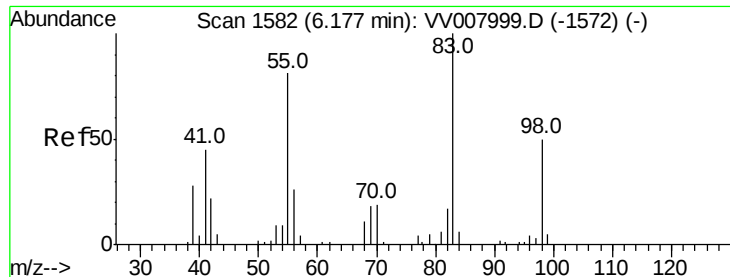
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22788	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.59	69	20038	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	35371	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.97	46	64790	48.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.41	84	49939	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	27967	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	99384	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.13	67	31128	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	90493	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	10350	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	47167	46.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21508	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	37932	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
35) Methylcyclohexane	6.12	83	7424	0.771 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3420	0.597 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	954	0.125 ug/L #	75
47) Tetrachloroethene	8.02	164	38302	6.440 ug/L	94
49) Dibromochloromethane	8.02	129	32140	6.813 ug/L #	12

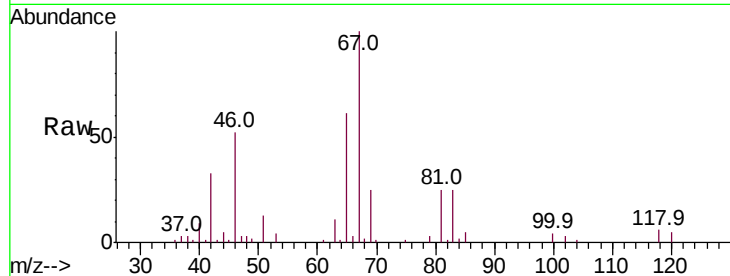
(#) = qualifier out of range (m) = manual integration (+) = signals summed



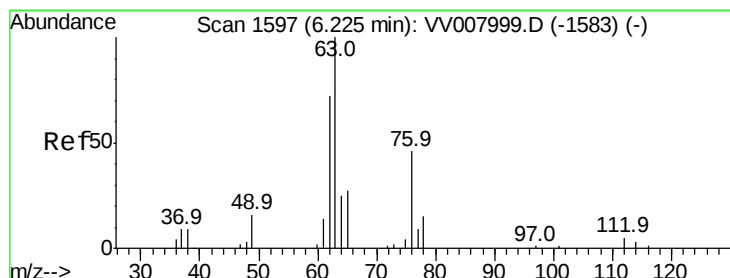
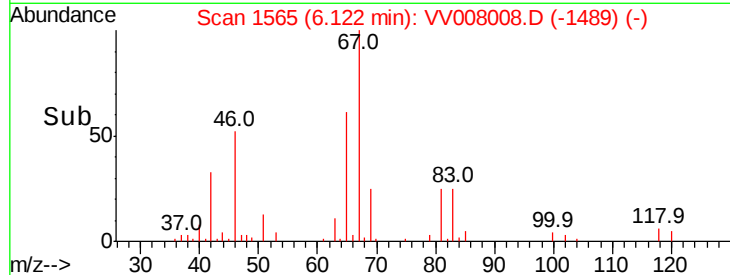
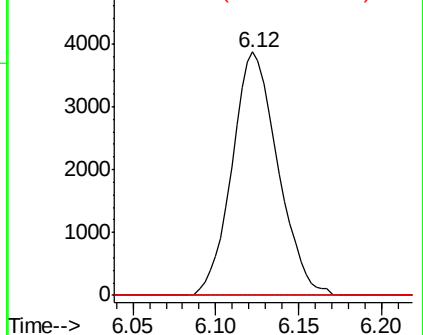
#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008008.D
Acq: 01 Oct 2018 21:26

Instrument :
MSVOA_V
ClientSampled :
GAC98

Tot Ion: 83 Resp: 7424
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#

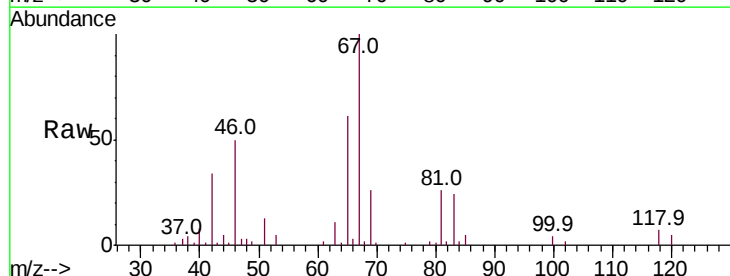


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

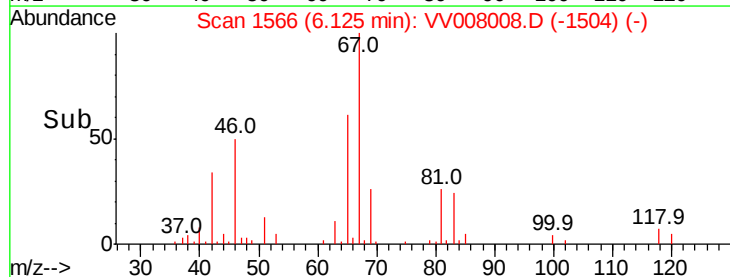
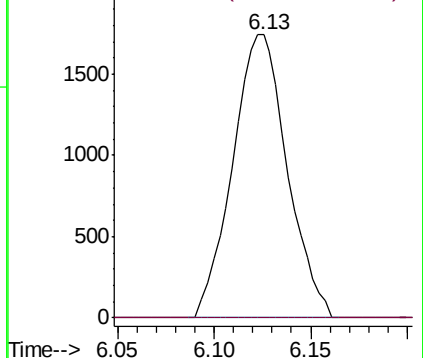


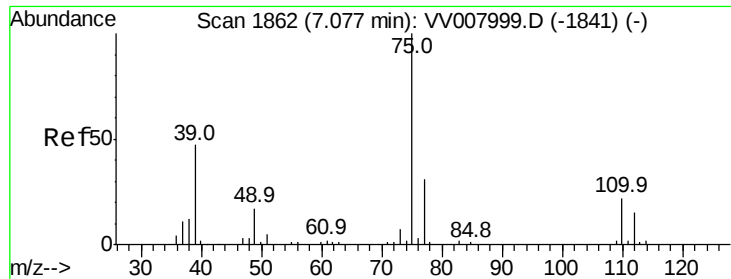
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008008.D
Acq: 01 Oct 2018 21:26

Tgt Ion: 63 Resp: 3420
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008008.D

Acq: 01 Oct 2018 21:26

Instrument :

MSVOA_V

ClientSampleId :

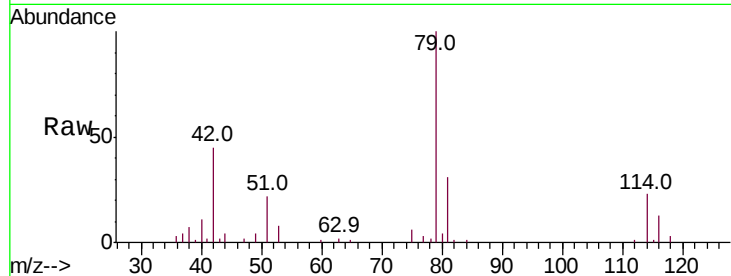
GAC98

Tot Ion: 75 Resp: 954

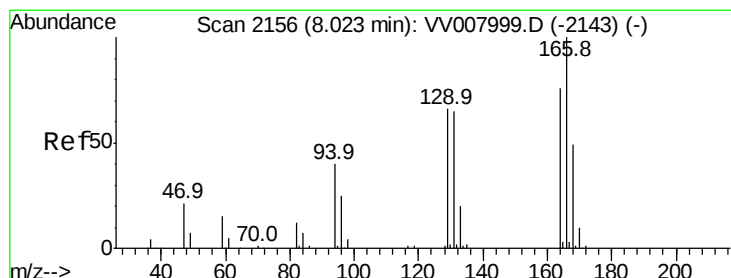
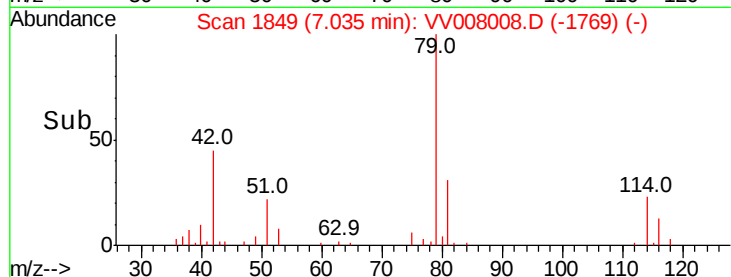
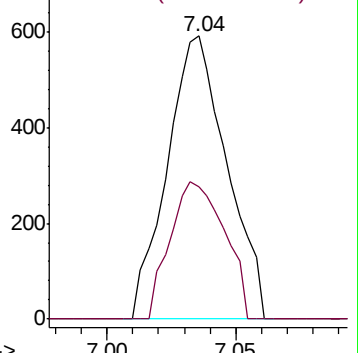
Ion Ratio Lower Upper

75 100

77 46.8 22.9 42.5#



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



#47

Tetrachloroethene

Concen: 6.440 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008008.D

Acq: 01 Oct 2018 21:26

Tgt Ion: 164 Resp: 38302

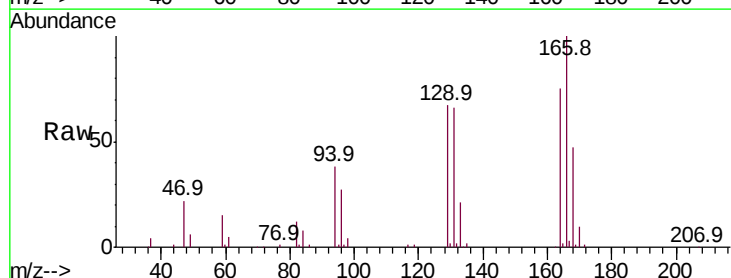
Ion Ratio Lower Upper

164 100

129 89.6 59.2 110.0

131 87.6 57.1 106.1

166 133.0 88.6 164.6

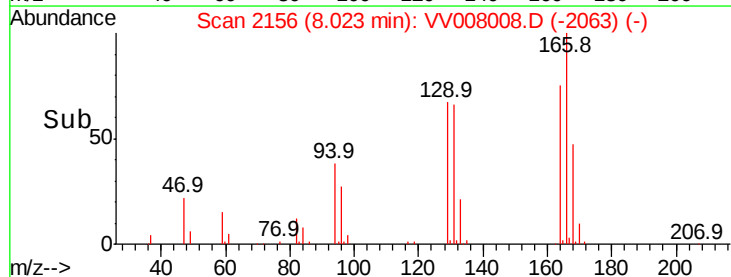
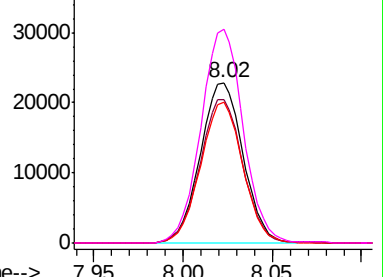


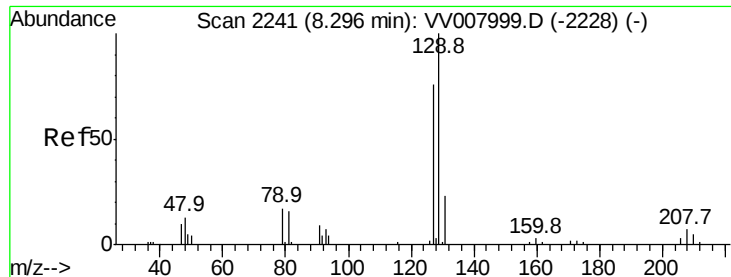
Abundance Ion 163.90 (163.60 to 164.60): VV007999.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV007999.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV007999.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV007999.D (-2143) (-)





#49

Dibromochloromethane

Concen: 6.813 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008008.D

Acq: 01 Oct 2018 21:26

Instrument :

MSVOA_V

ClientSampleId :

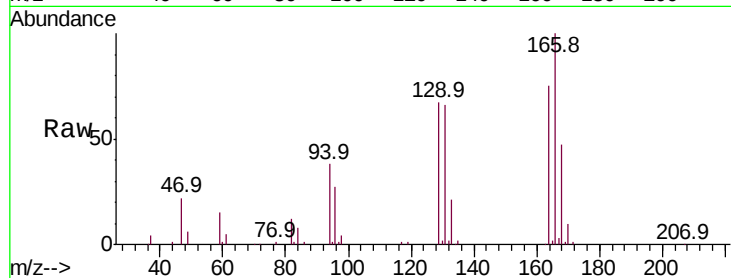
GAC98

Tot Ion:129 Resp: 32140

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

