

Data File : VV007109.D
Acq On : 21 Aug 2018 18:50
Operator : SY/MD
Sample : J4515-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0333

Quant Time: Aug 22 04:09:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 22 03:46:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	273421	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97854	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	82246	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	164575	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.97	46	237854	53.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.41	84	192770	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	96851	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	379918	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	124601	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.37	98	290850	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	39479	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.15	63	99914	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86022	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	101199	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

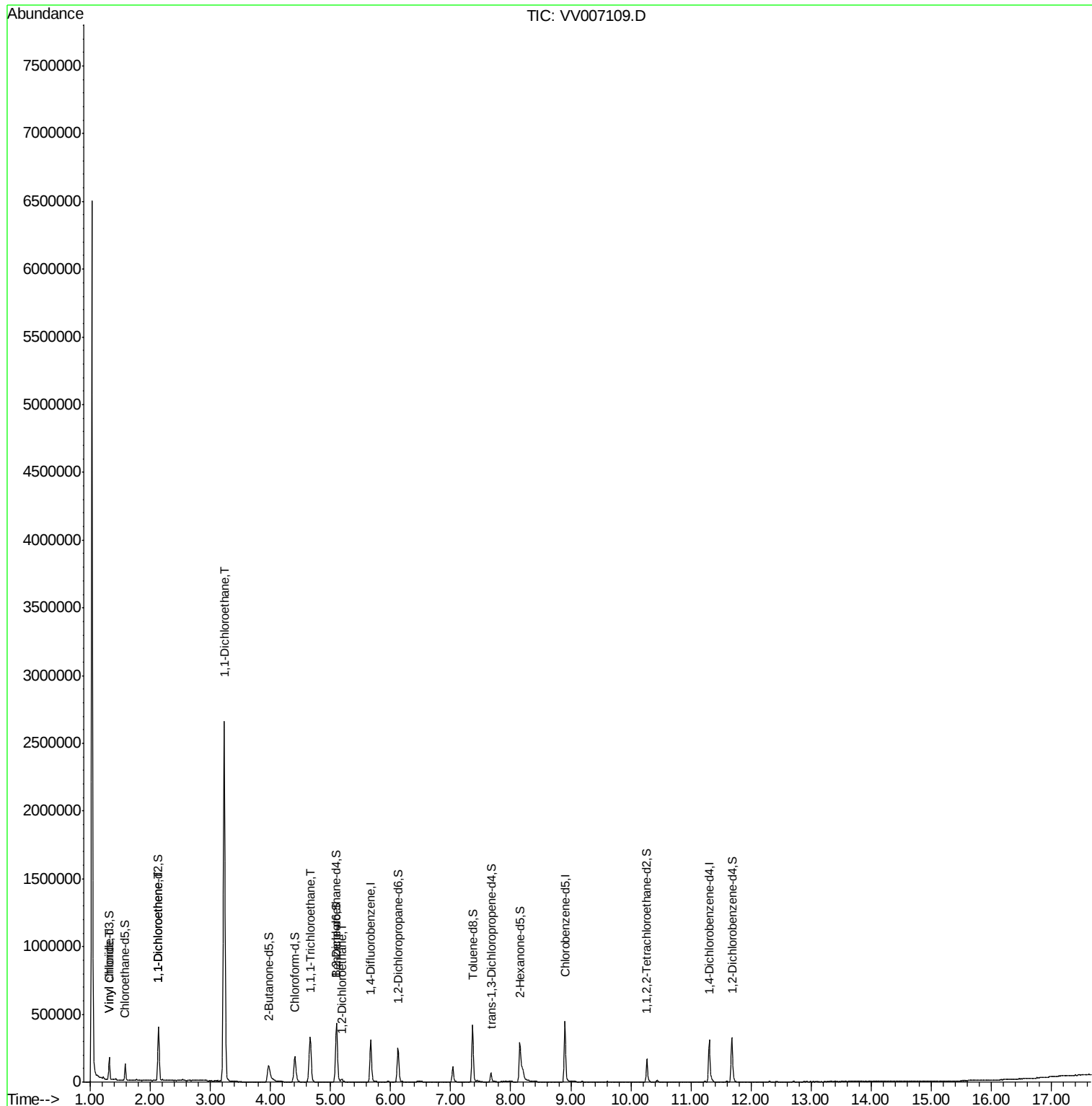
					Qvalue
5) Vinyl chloride	1.32	62	8624	0.361 ug/L	# 73
12) 1,1-Dichloroethene	2.14	96	68754	3.650 ug/L	96
19) 1,1-Dichloroethane	3.23	63	2744320	71.211 ug/L	99
27) 1,2-Dichloroethane	5.19	62	15225	0.652 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	269075	7.764 ug/L	98

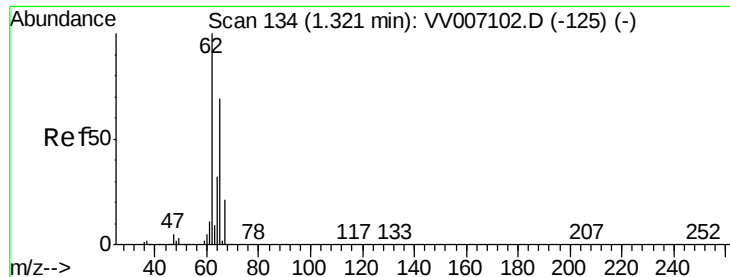
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.361 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

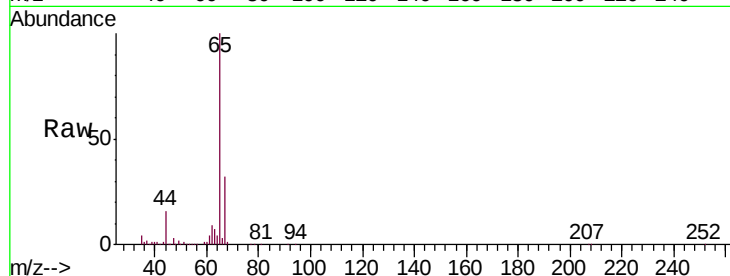
C0333

Tgt Ion: 62 Resp: 8624

Ion Ratio Lower Upper

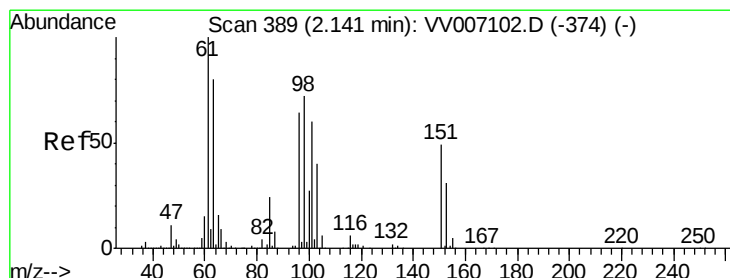
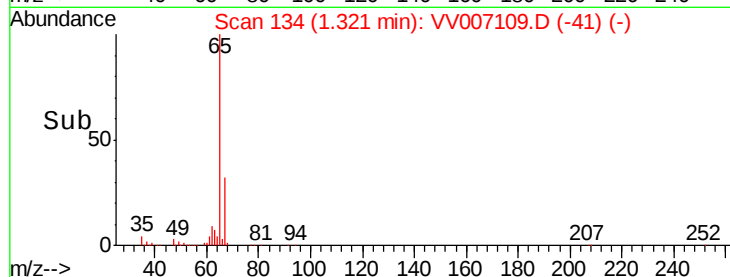
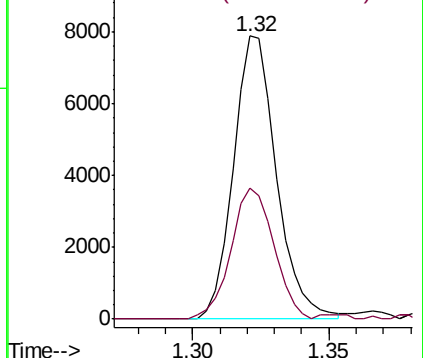
62 100

64 46.5 22.0 41.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 3.650 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007109.D

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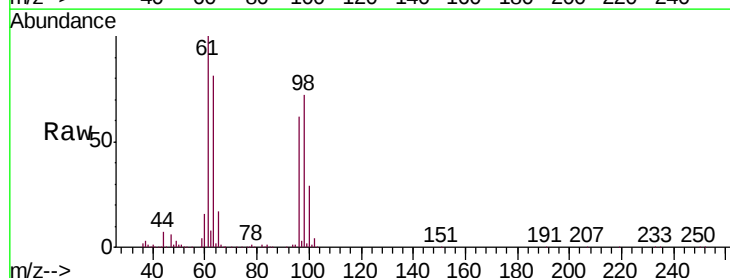
Tgt Ion: 96 Resp: 68754

Ion Ratio Lower Upper

96 100

61 161.1 108.7 201.9

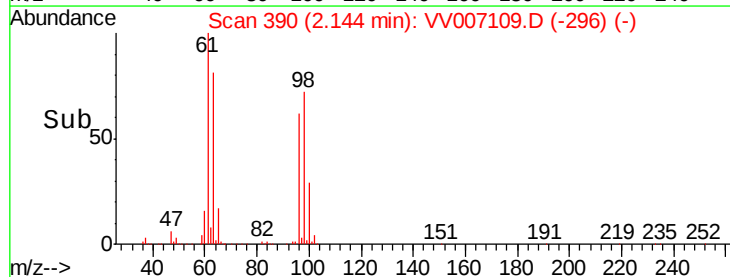
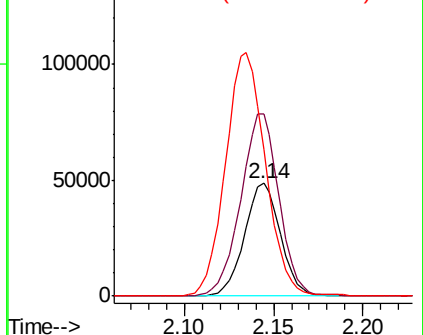
63 129.9 87.4 162.4

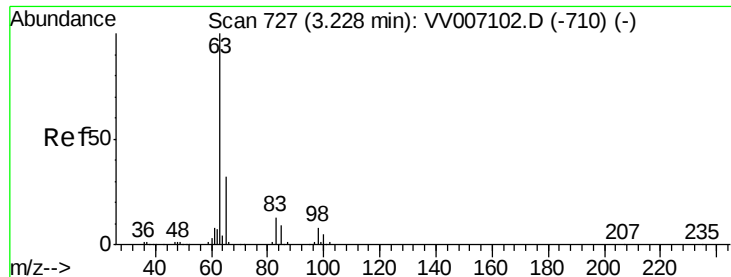


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



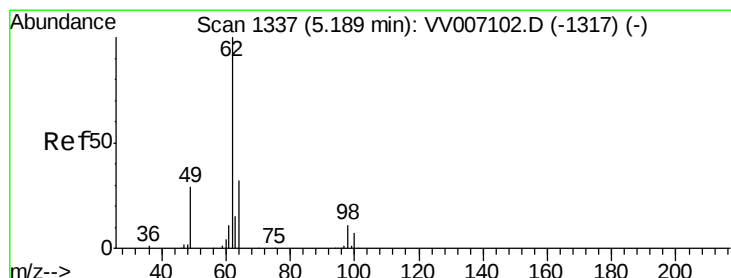
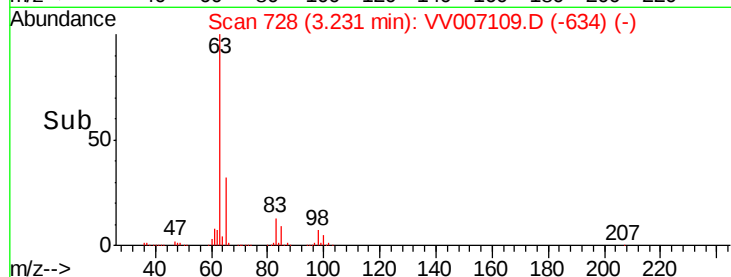
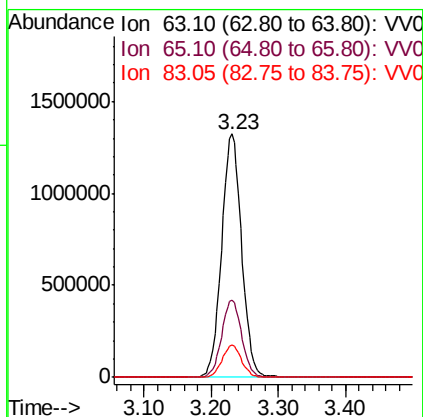
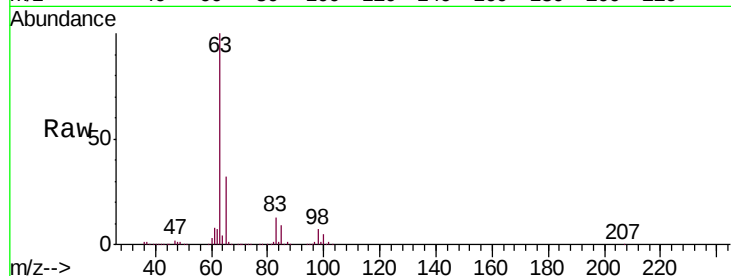


#19
 1,1-Dichloroethane
 Concen: 71.211 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007109.D
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Tgt Ion: 63 Resp: 2744320

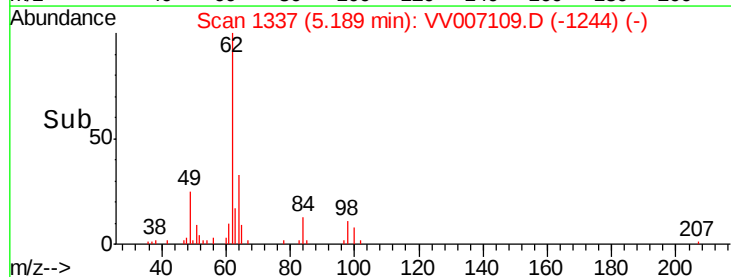
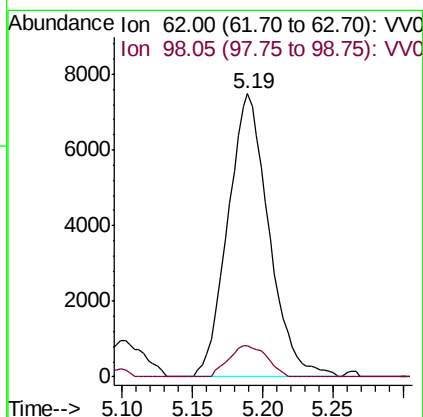
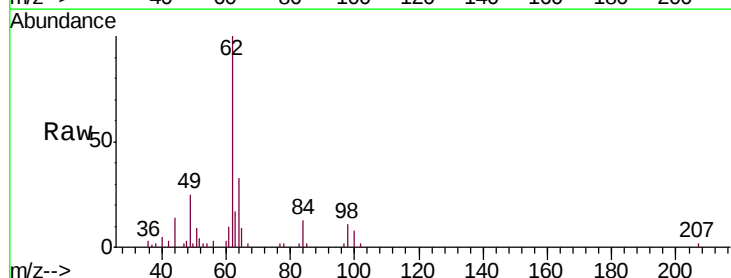
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.9
83	13.2	8.8	16.3

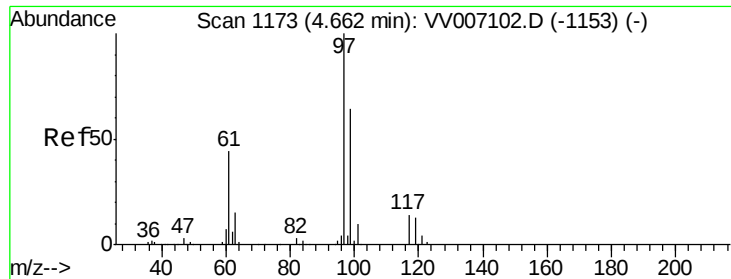


#27
 1,2-Dichloroethane
 Concen: 0.652 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VV007109.D
 Acq: 21 Aug 2018 18:50

Tgt Ion: 62 Resp: 15225

Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.4	12.6





#29
 1,1,1-Trichloroethane
 Concen: 7.764 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007109.D
 Acq: 21 Aug 2018 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0333

Tgt Ion: 97 Resp: 269075
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.3 76.9
 61 42.8 35.3 52.9

