

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007059.D
 Acq On : 17 Aug 2018 17:16
 Operator : SY/MD
 Sample : J4488-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0300

Quant Time: Aug 18 04:37:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237986	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88361	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.58	69	76207	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.13	63	136130	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	232423	52.61	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	4.41	84	179607	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.09	65	93526	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.10	84	351231	6.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.60%
36) 1,2-Dichloropropane-d6	6.12	67	117488	5.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.00%
41) Toluene-d8	7.37	98	253379	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.67	79	35802	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.15	63	104435	37.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82749	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	90078	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

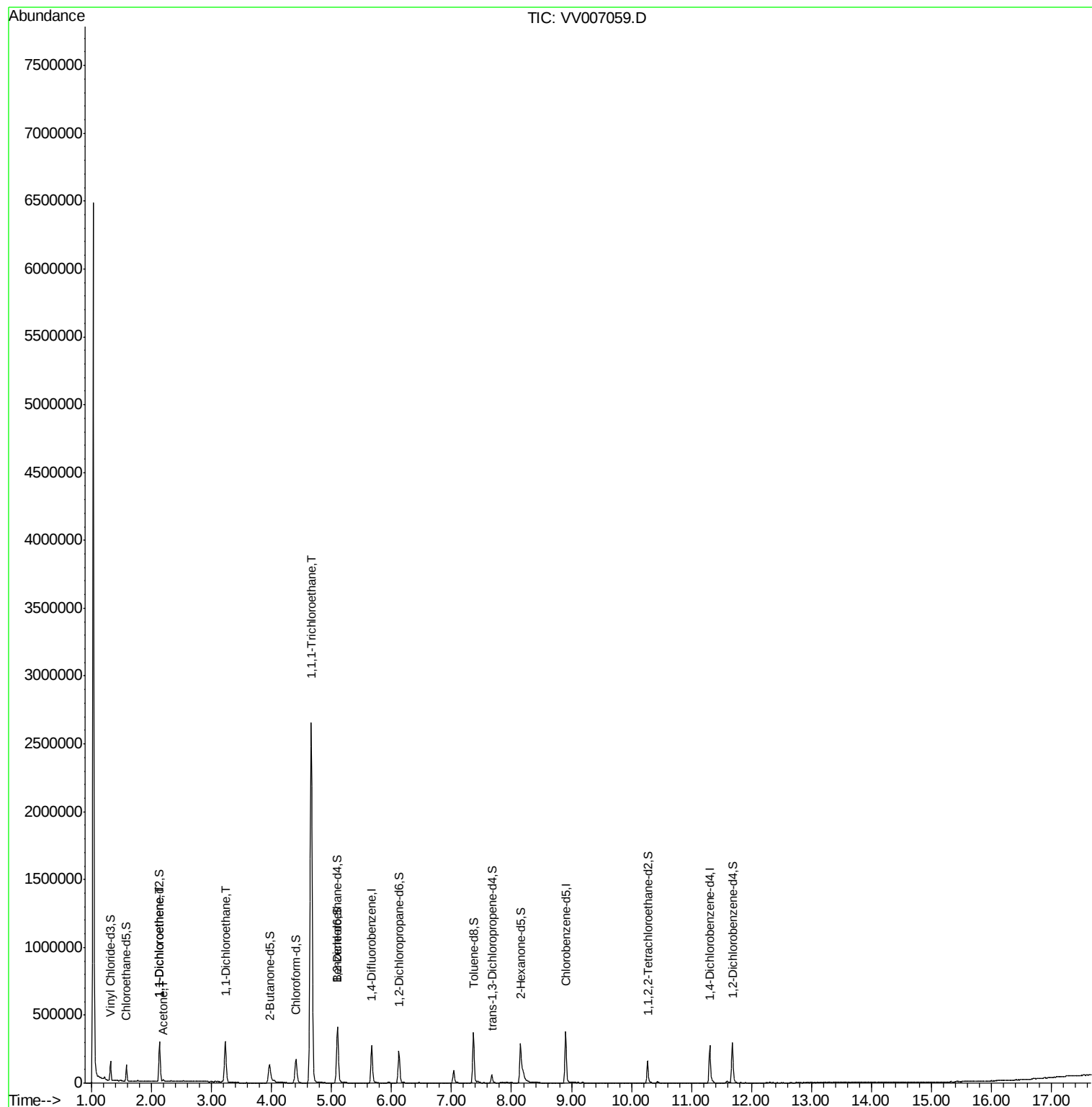
					Ovalue
12) 1,1-Dichloroethene	2.14	96	32664	1.91 ug/L	# 68
13) Acetone	2.20	43	9539	4.19 ug/L	98
19) 1,1-Dichloroethane	3.23	63	303030	9.17 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	2121927	70.75 ug/L	98

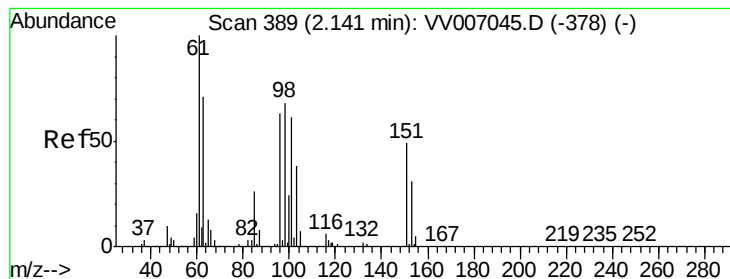
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.91 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007059.D

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Instrument :

MSVOA_V

ClientSampleId :

C0300

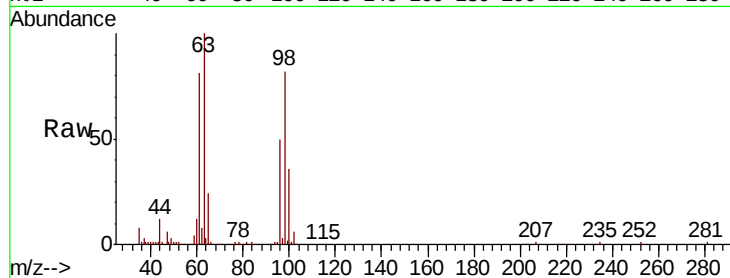
Tot Ion: 96 Resp: 32664

Ion Ratio Lower Upper

96 100

61 162.7 111.6 207.4

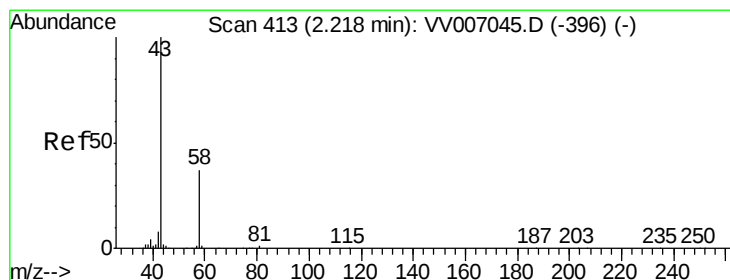
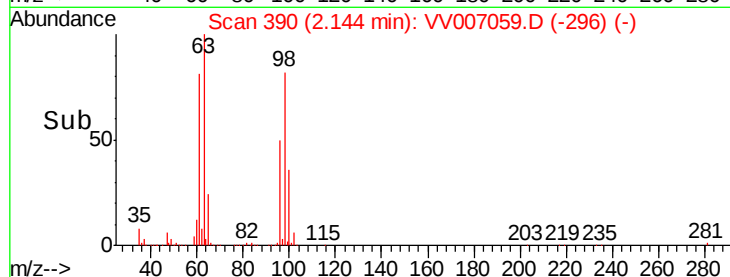
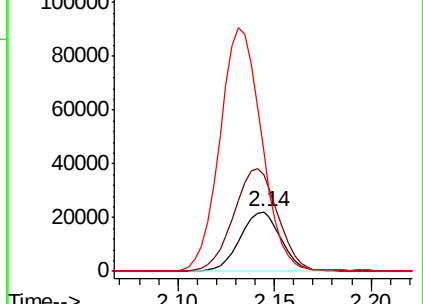
63 200.7 84.9 157.7#



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



#13

Acetone

Concen: 4.19 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.02 min

Lab File: VV007059.D

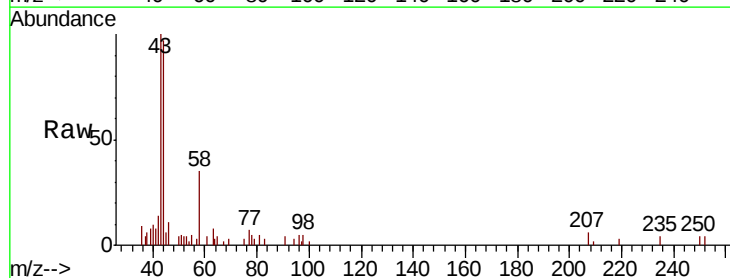
Acq: 17 Aug 2018 17:16

Tgt Ion: 43 Resp: 9539

Ion Ratio Lower Upper

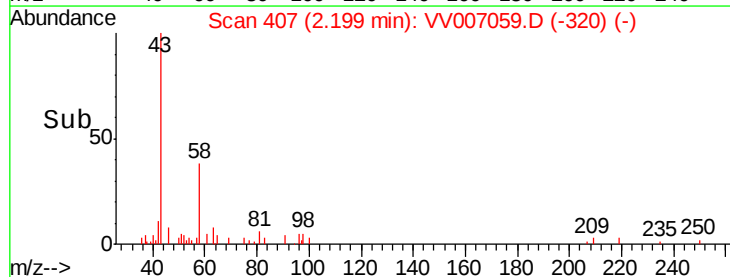
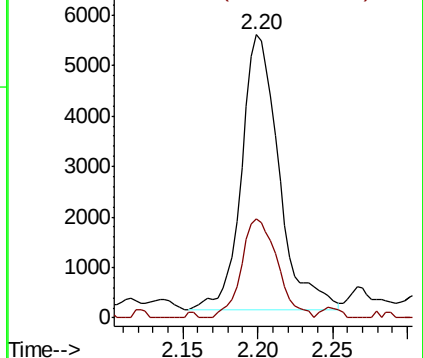
43 100

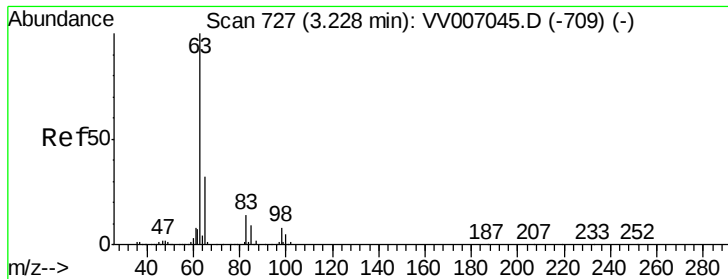
58 34.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#19

1,1-Dichloroethane

Concen: 9.17 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007059.D

Acq: 17 Aug 2018 17:16

Instrument :

MSVOA_V

ClientSampleId :

C0300

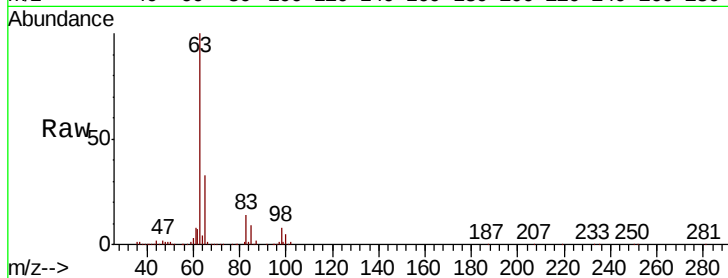
Tot Ion: 63 Resp: 303030

Ion Ratio Lower Upper

63 100

65 33.1 21.7 40.3

83 14.1 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

200000

150000

100000

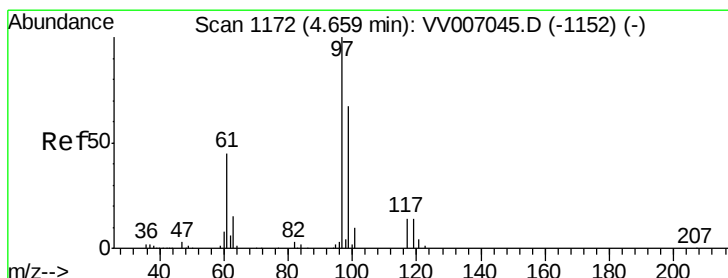
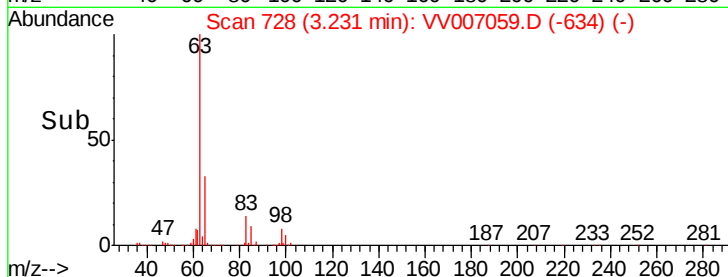
50000

0

3.23

3.15 3.20 3.25 3.30

Time-->



#29

1,1,1-Trichloroethane

Concen: 70.75 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007059.D

Acq: 17 Aug 2018 17:16

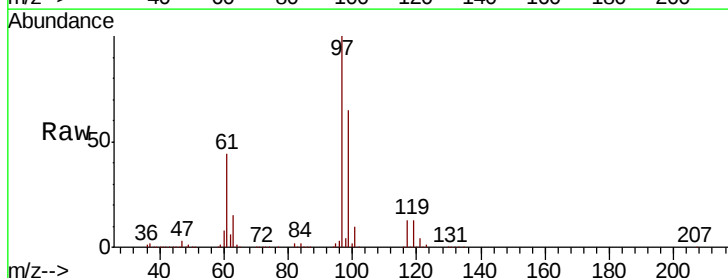
Tgt Ion: 97 Resp: 2121927

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.6

61 44.2 36.6 54.8



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

1200000

1000000

800000

600000

400000

200000

0

4.66

4.50 4.60 4.70 4.80

Time-->

