

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081618\
 Data File : VV007042.D
 Acq On : 16 Aug 2018 14:40
 Operator : SY/MD
 Sample : J4487-17DL 20X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0349DL

Quant Time: Aug 17 02:52:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 01:13:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62737	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	54685	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	105208	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	161252	38.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.88%
24) Chloroform-d	4.41	84	127707	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	63847	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	245374	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	82028	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	179661	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.67	79	24763	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.15	63	69177	25.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	51.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	54636	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	61799	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

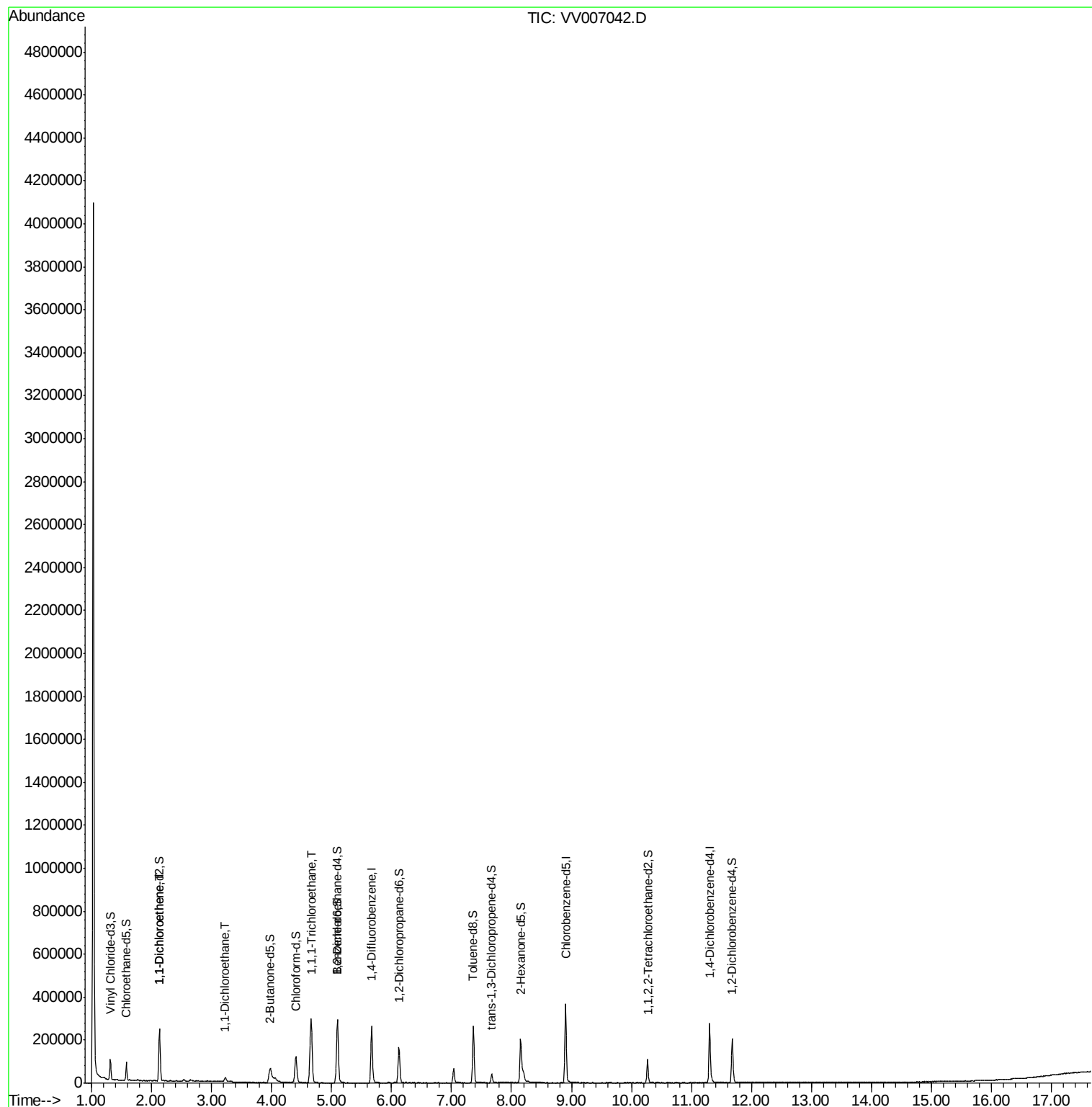
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	36927	2.31 ug/L	87
19) 1,1-Dichloroethane	3.23	63	18424	0.59 ug/L	93
29) 1,1,1-Trichloroethane	4.66	97	243835	8.51 ug/L	98

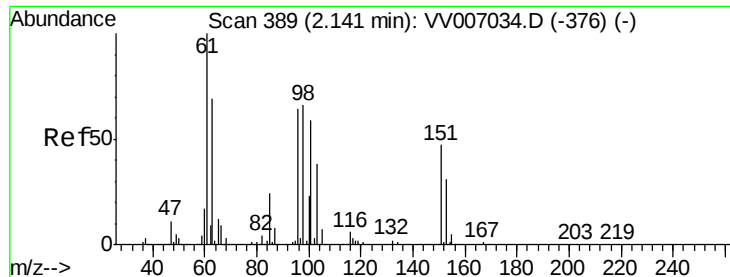
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.31 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

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ClientSampleID :

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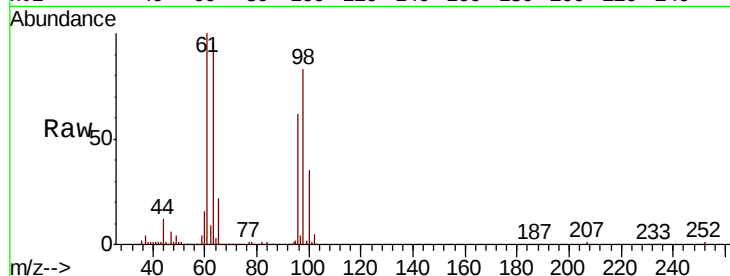
Tot Ion: 96 Resp: 36927

Ion Ratio Lower Upper

96 100

61 160.2 111.6 207.4

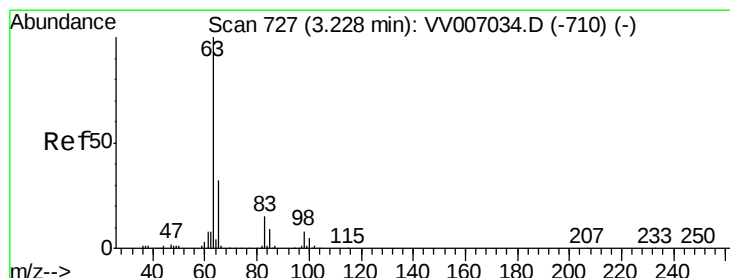
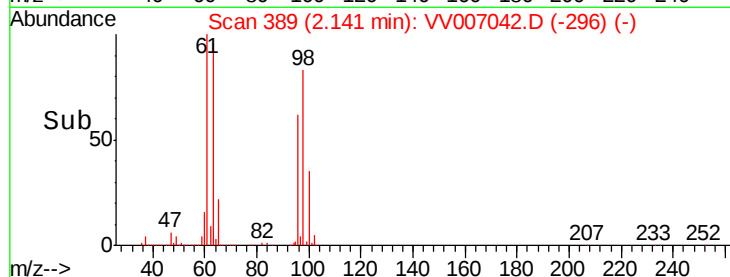
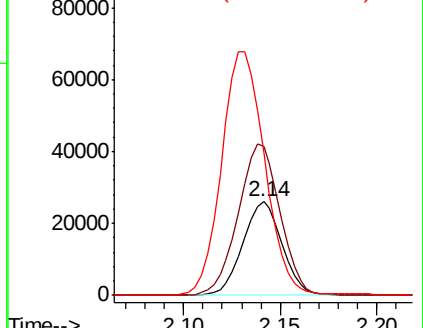
63 153.0 84.9 157.7



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



#19

1,1-Dichloroethane

Concen: 0.59 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV007042.D

Acq: 16 Aug 2018 14:40

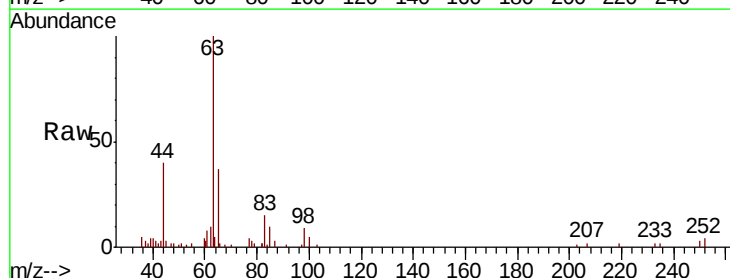
Tgt Ion: 63 Resp: 18424

Ion Ratio Lower Upper

63 100

65 36.6 21.7 40.3

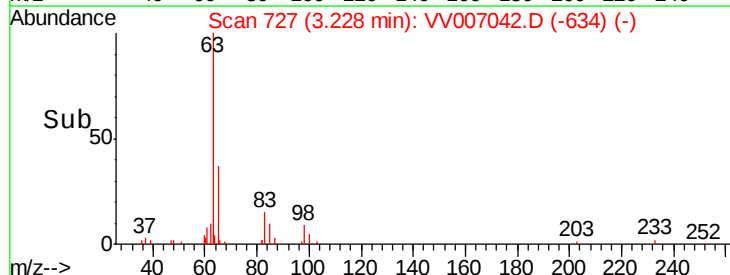
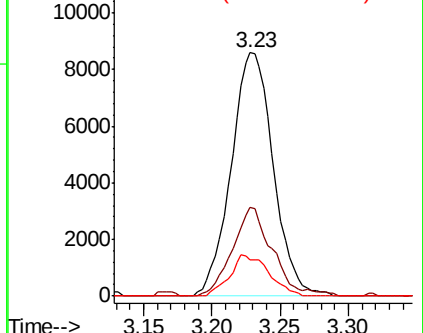
83 15.0 10.0 18.6

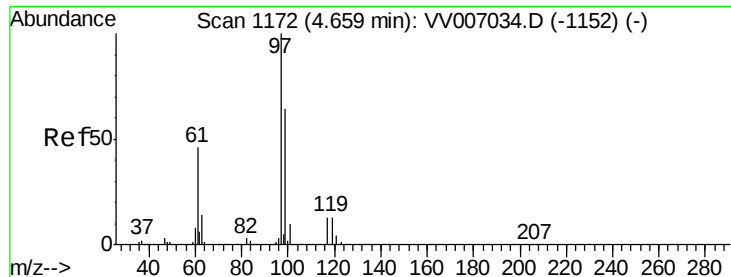


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#29

1,1,1-Trichloroethane

Concen: 8.51 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0349DL

Tot Ion: 97 Resp: 243835

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 43.7 36.6 54.8

