

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081618\
 Data File : VV007037.D
 Acq On : 16 Aug 2018 12:27
 Operator : SY/MD
 Sample : J4487-19DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0351DL

Quant Time: Aug 17 02:43:32 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	216700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67480	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	56714	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	139438	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	3.97	46	162563	40.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.82%
24) Chloroform-d	4.41	84	129307	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	65076	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	252920	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	85153	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	187029	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	25257	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.15	63	68368	26.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57569	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	63347	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

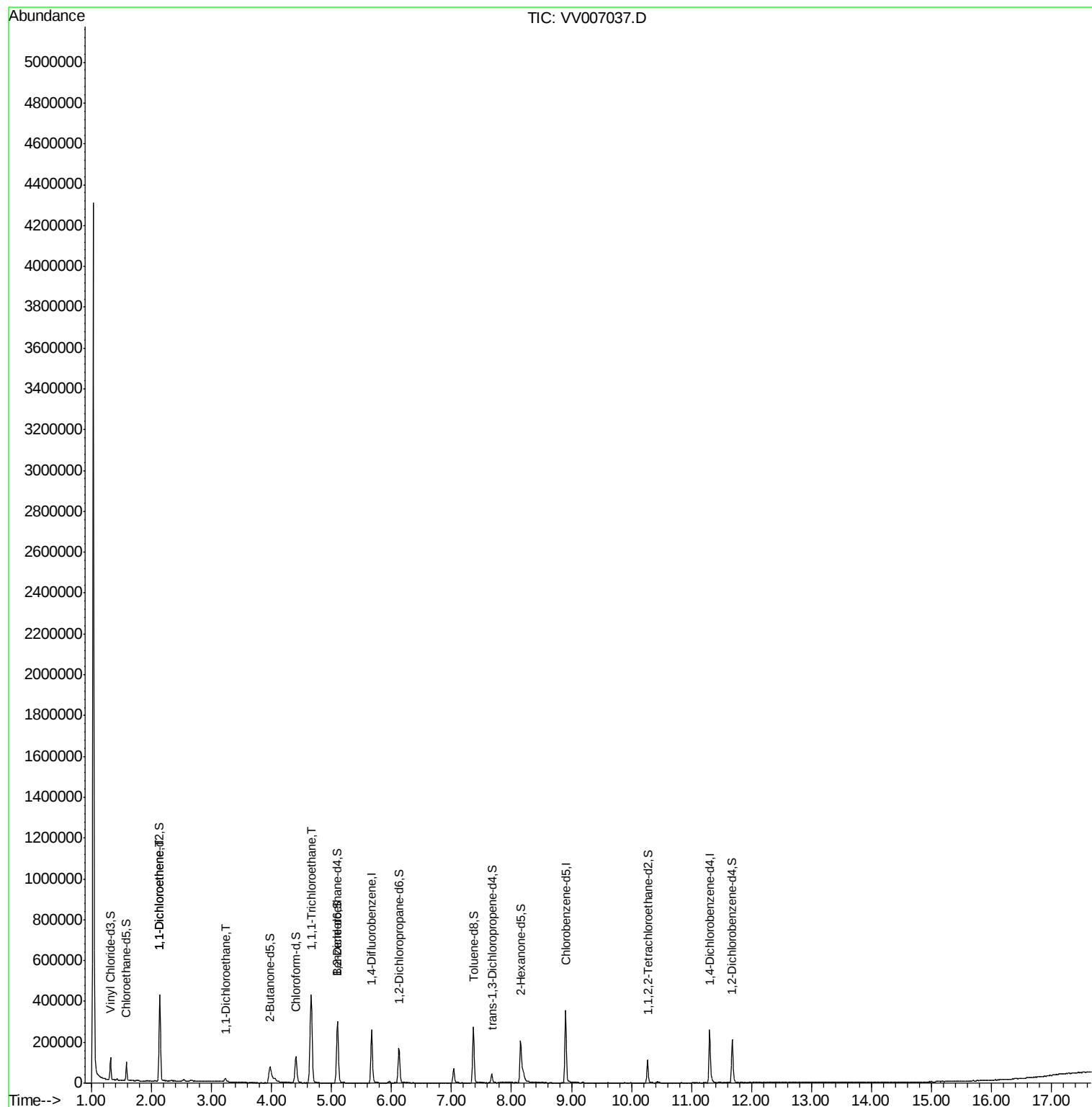
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	98588	6.34	ug/L	92
19) 1,1-Dichloroethane	3.23	63	13070	0.43	ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	344455	12.37	ug/L	99

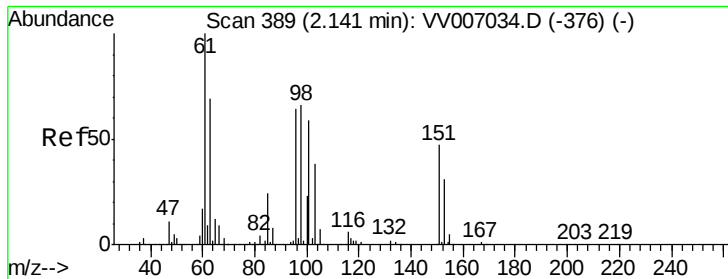
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.34 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

C0351DL

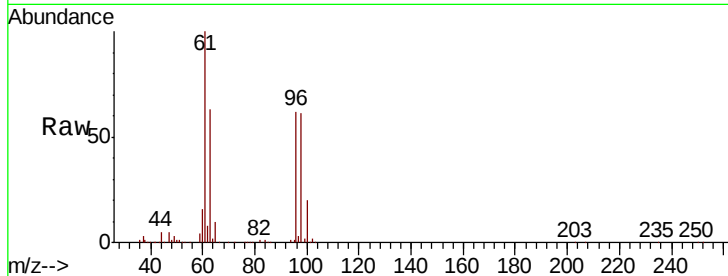
Tot Ion: 96 Resp: 98588

Ion Ratio Lower Upper

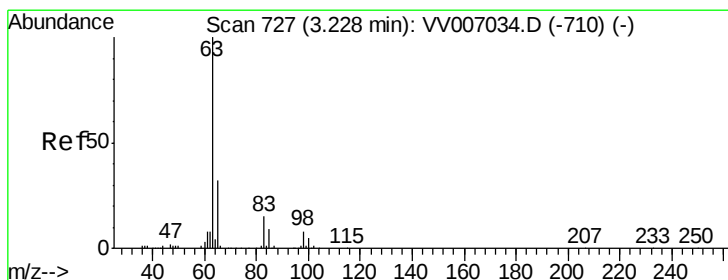
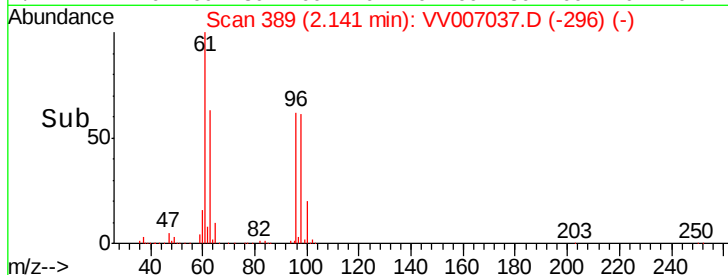
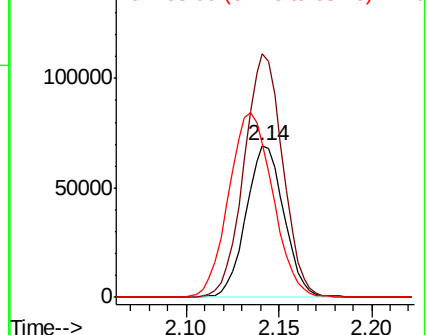
96 100

61 160.6 111.6 207.4

63 101.2 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: 0.43 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007037.D

Acq: 16 Aug 2018 12:27

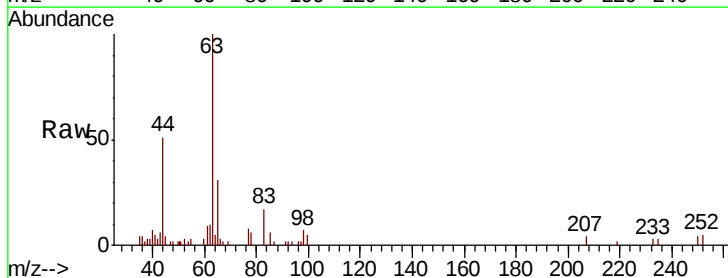
Tgt Ion: 63 Resp: 13070

Ion Ratio Lower Upper

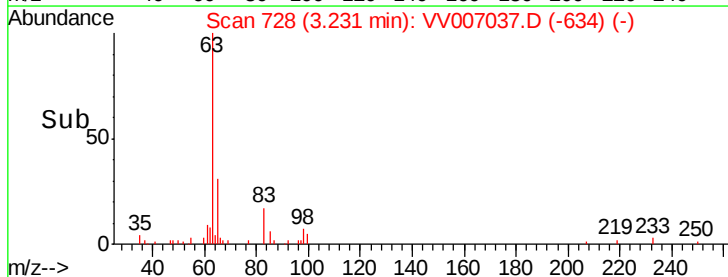
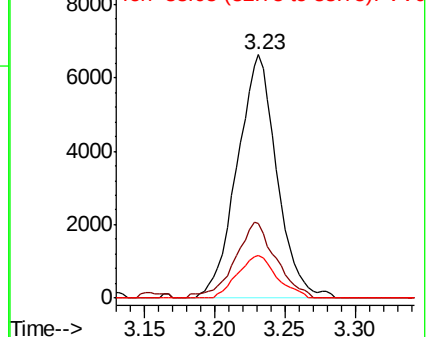
63 100

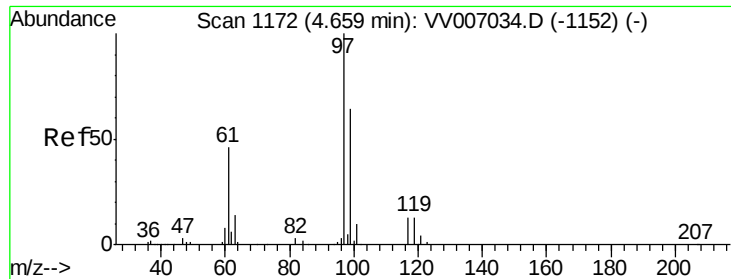
65 33.6 21.7 40.3

83 17.4 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: 12.37 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

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Acq: 16 Aug 2018 12:27

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MSVOA_V

ClientSampleId :

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Tot Ion: 97 Resp: 344455

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 45.1 36.6 54.8

