

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007052.D
 Acq On : 17 Aug 2018 14:09
 Operator : SY/MD
 Sample : J4487-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z0

Quant Time: Aug 18 04:11:30 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	201369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71838	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	62767	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.13	63	131569	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.97	46	188556	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.41	84	147444	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.09	65	74452	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	282185	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.12	67	93790	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.37	98	210381	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	28260	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.15	63	78655	32.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67029	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	72982	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

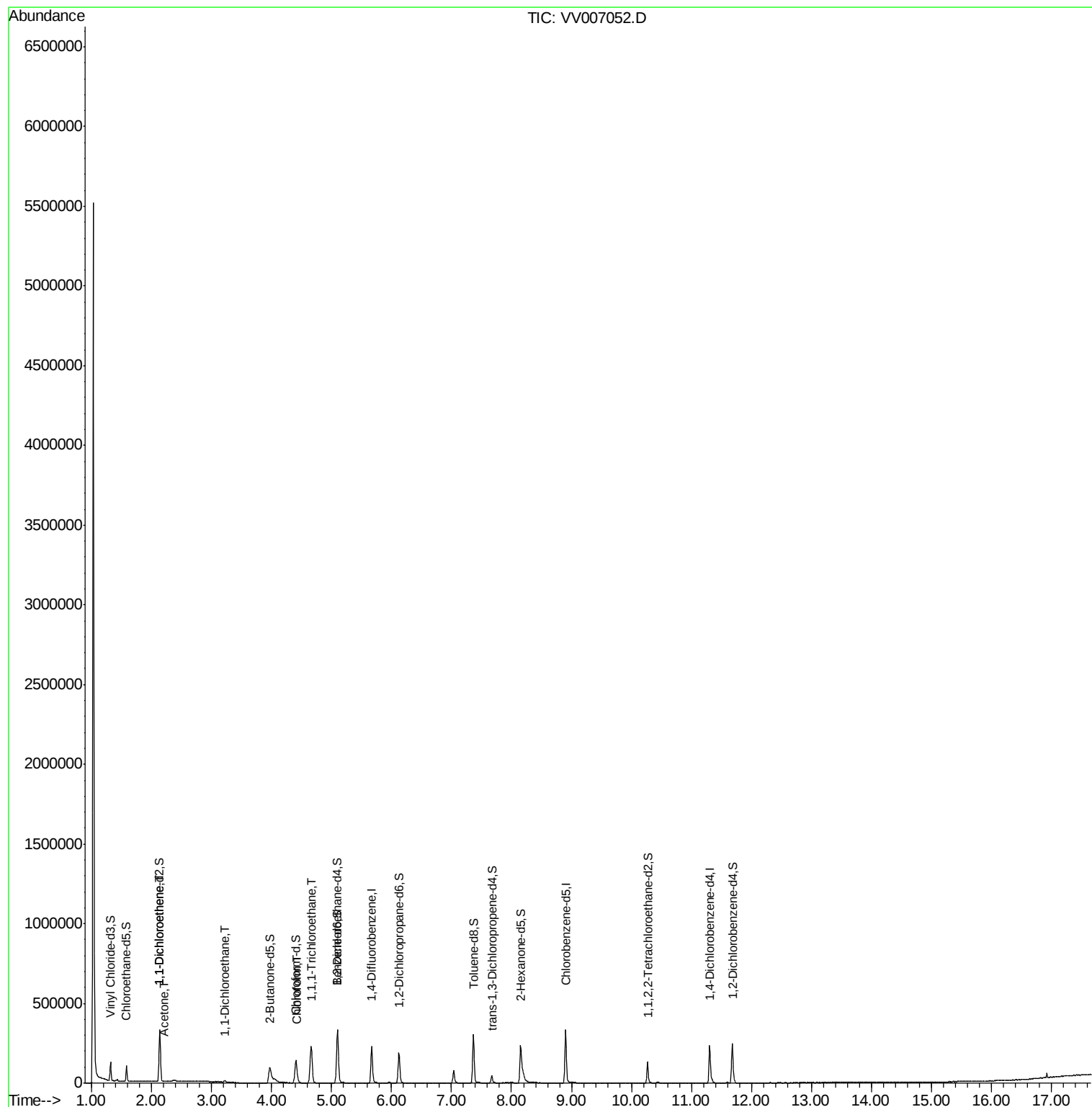
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	61435	4.25 ug/L	97
13) Acetone	2.21	43	2784	1.45 ug/L	97
19) 1,1-Dichloroethane	3.23	63	5722	0.20 ug/L	96
25) Chloroform	4.43	83	11402	0.37 ug/L	87
29) 1,1,1-Trichloroethane	4.66	97	186109	7.20 ug/L	99

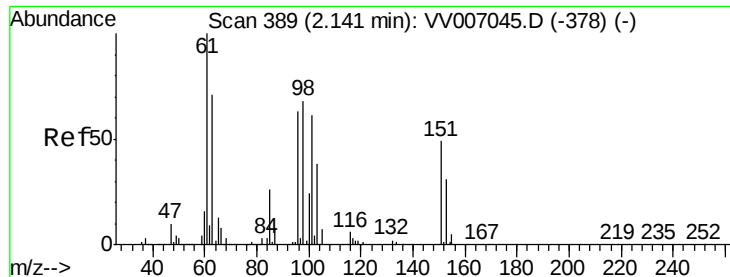
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 03:36:46 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.25 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007052.D

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Instrument :

MSVOA_V

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C02Z0

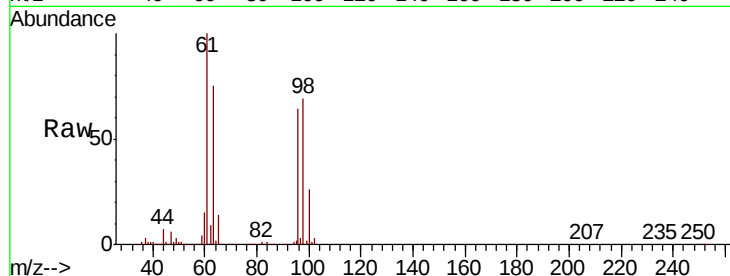
Tot Ion: 96 Resp: 61435

Ion Ratio Lower Upper

96 100

61 155.7 111.6 207.4

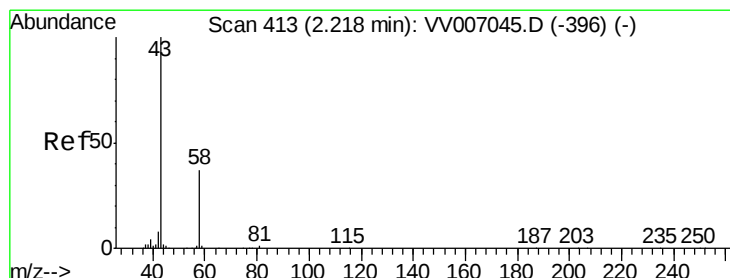
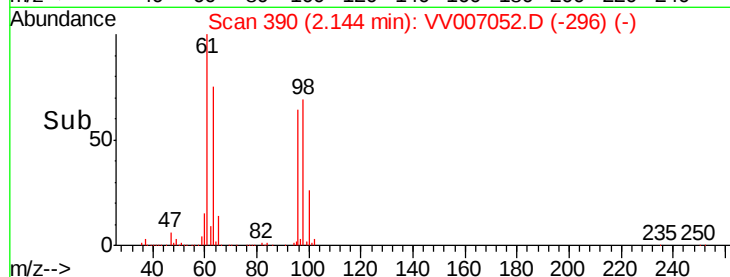
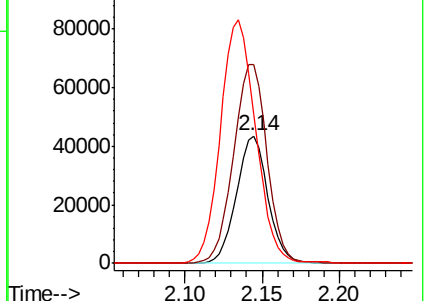
63 116.5 84.9 157.7



Abundance Ion 96.00 (95.70 to 96.70): VV007045.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV007045.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV007045.D (-378) (-)



#13

Acetone

Concen: 1.45 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.01 min

Lab File: VV007052.D

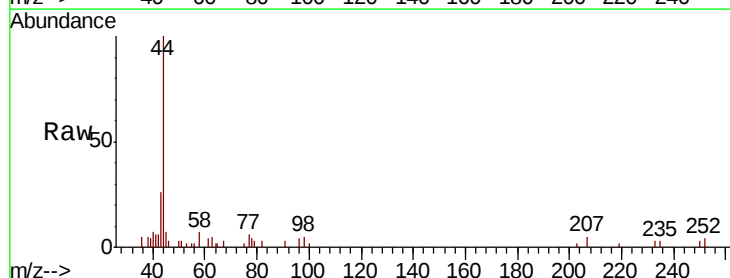
Acq: 17 Aug 2018 14:09

Tgt Ion: 43 Resp: 2784

Ion Ratio Lower Upper

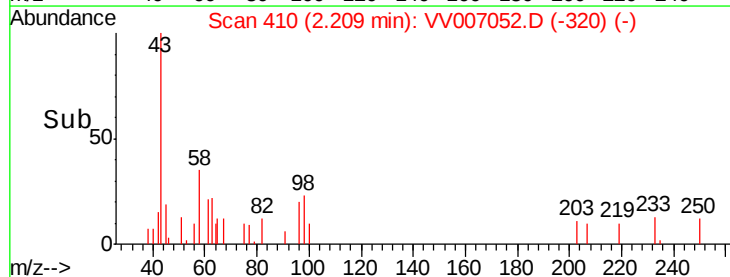
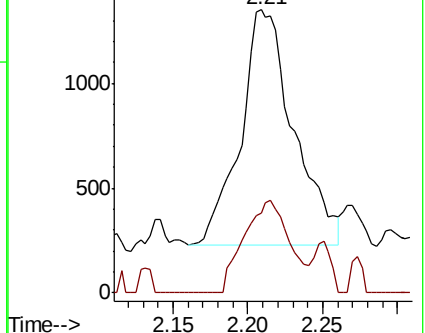
43 100

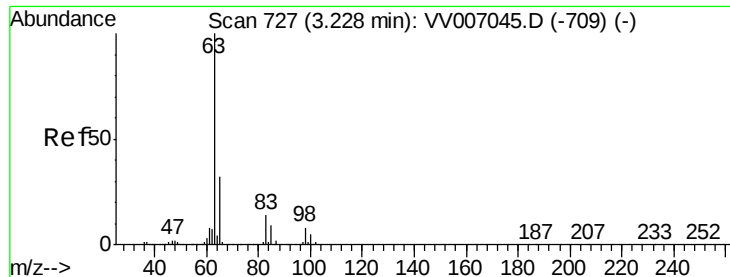
58 33.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007045.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007045.D (-396) (-)





#19

1,1-Dichloroethane

Concen: 0.20 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV007052.D

Acq: 17 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

C02Z0

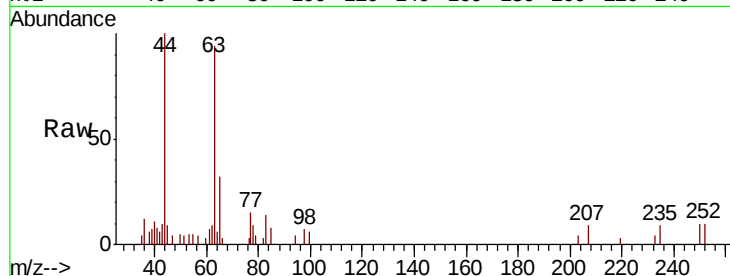
Tot Ion: 63 Resp: 5722

Ion Ratio Lower Upper

63 100

65 34.4 21.7 40.3

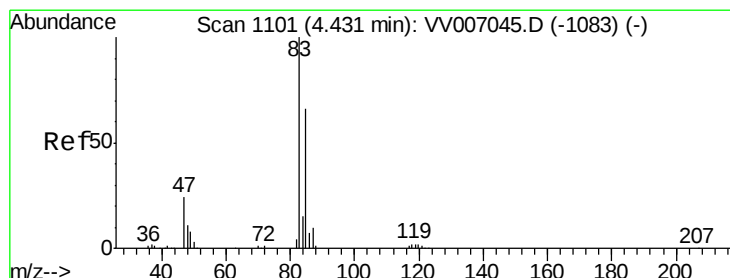
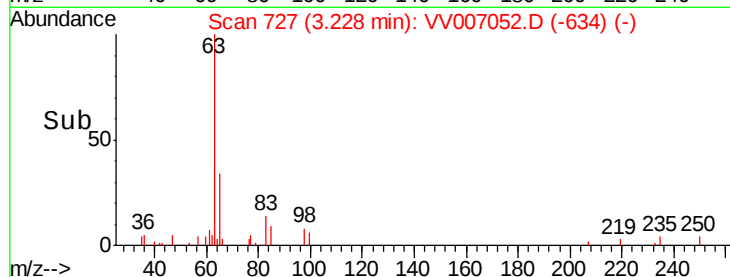
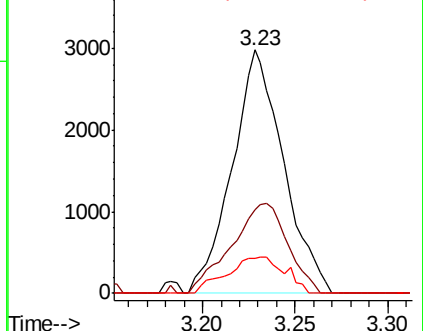
83 14.5 10.0 18.6



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



#25

Chloroform

Concen: 0.37 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007052.D

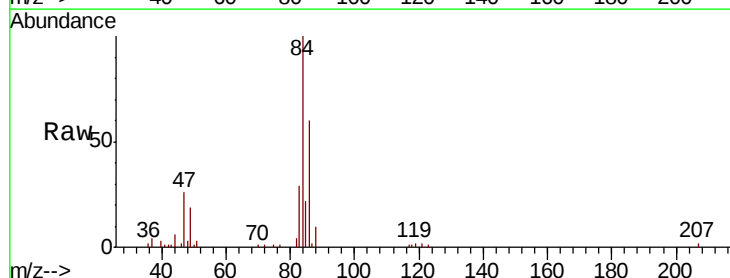
Acq: 17 Aug 2018 14:09

Tgt Ion: 83 Resp: 11402

Ion Ratio Lower Upper

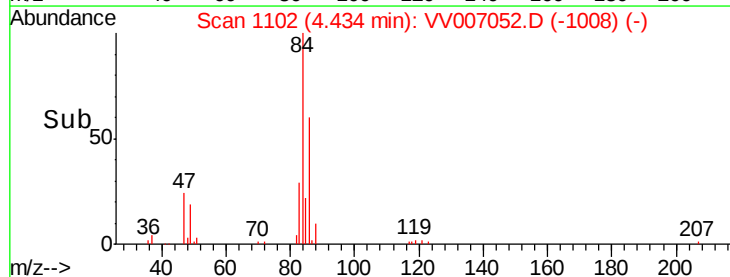
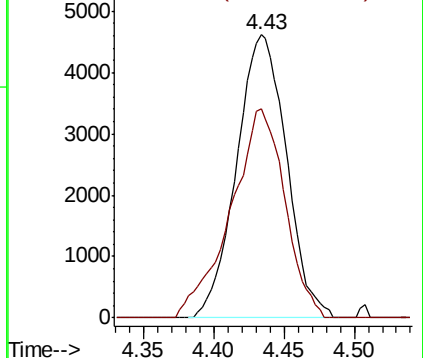
83 100

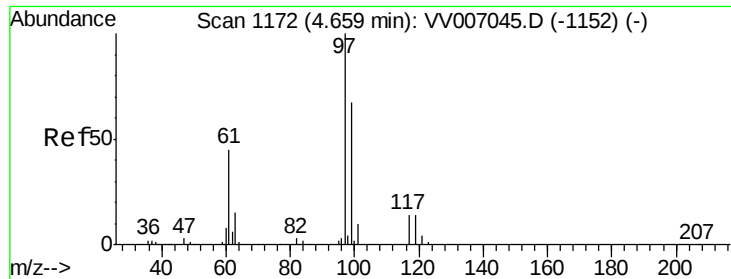
85 74.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#29

1,1,1-Trichloroethane

Concen: 7.20 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007052.D

Acq: 17 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

C02Z0

Tot Ion: 97 Resp: 186109

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 44.8 36.6 54.8

