

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091718\
 Data File : VV007589.D
 Acq On : 17 Sep 2018 15:48
 Operator : SY/MD
 Sample : J4918-15RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5RE

Quant Time: Sep 18 04:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 18 03:38:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22128	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.59	69	22044	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.14	63	53295	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.98	46	35583	39.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.64%
24) Chloroform-d	4.41	84	55803	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	28915	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	109634	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.13	67	32466	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.36	98	111098	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	13141	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.15	63	20220	36.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.56%
57) 1,1,1,2,2-Tetrachloroethane-	10.27	84	21246	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	48732	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

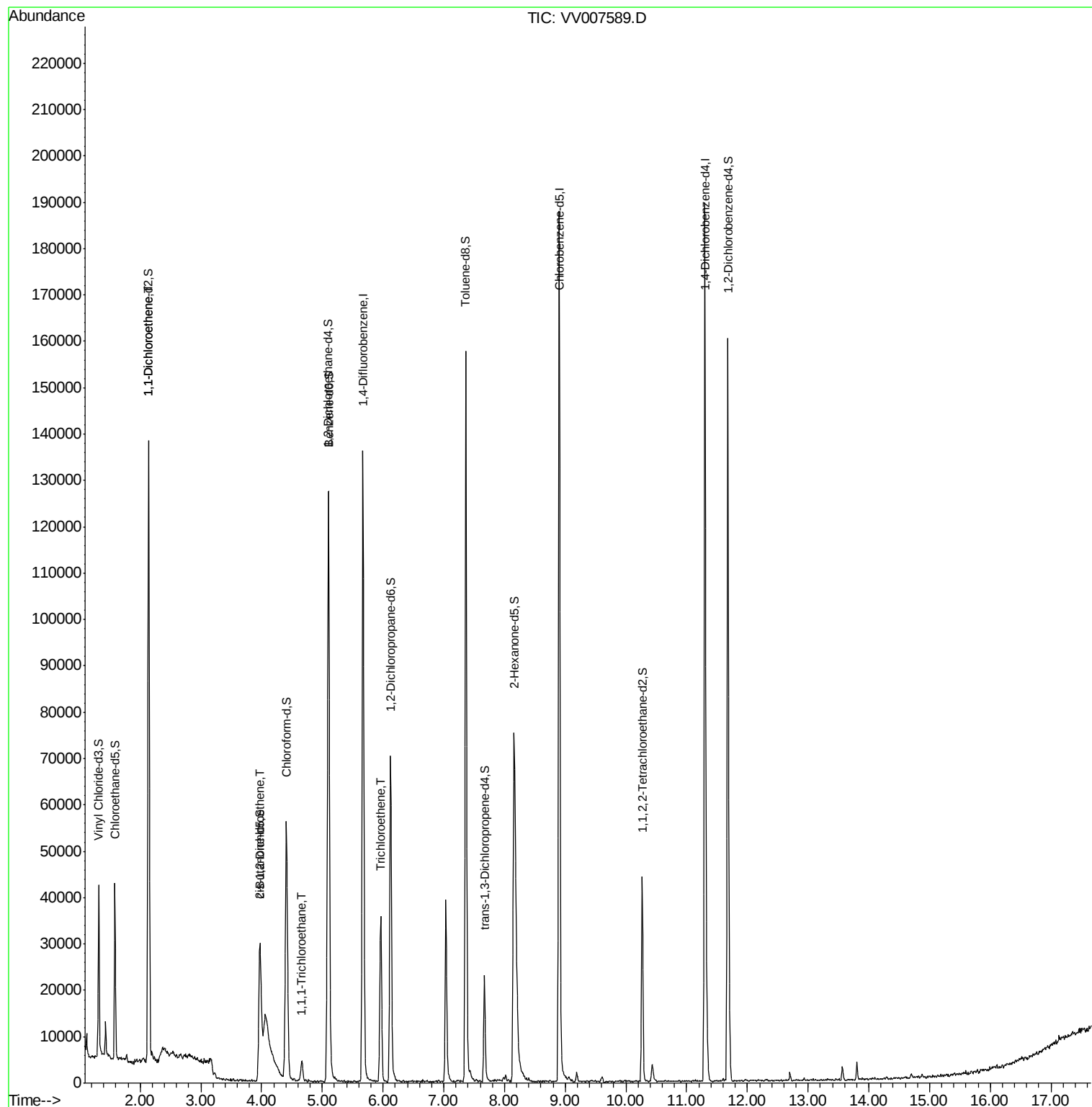
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	23308	3.74	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	8086	1.21	ug/L	91
29) 1,1,1-Trichloroethane	4.67	97	3853	0.36	ug/L	98
34) Trichloroethene	5.96	95	10762	1.54	ug/L	96

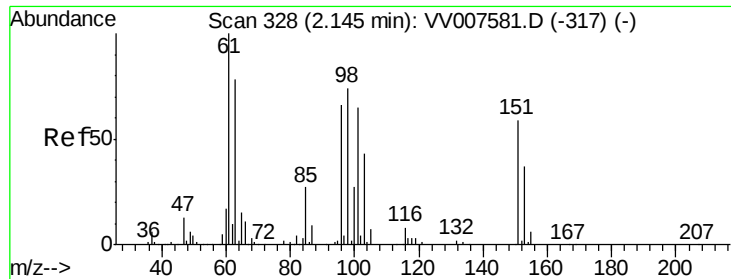
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.74 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0KY5RE

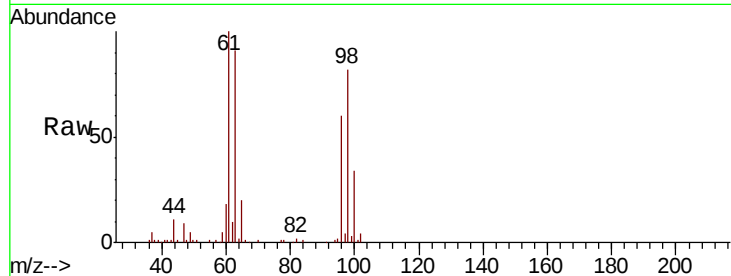
Tot Ion: 96 Resp: 23308

Ion Ratio Lower Upper

96 100

61 165.6 114.8 213.2

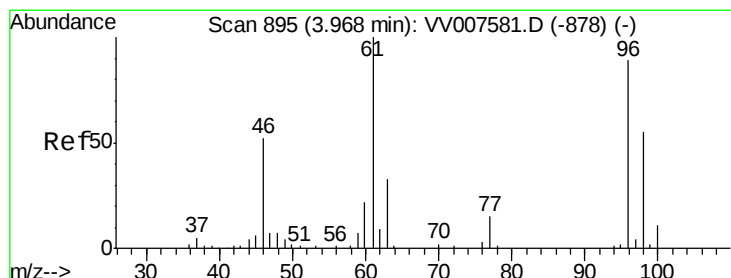
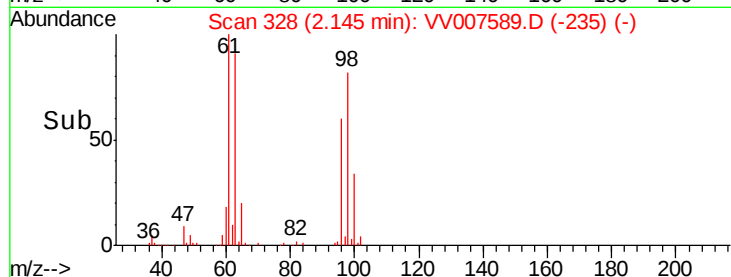
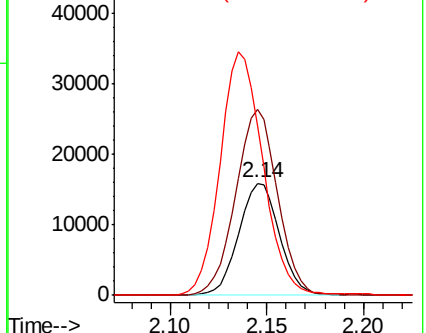
63 151.1 81.8 151.8



Abundance Ion 96.00 (95.70 to 96.70): VV007589.D (-801) (-)

Ion 61.05 (60.75 to 61.75): VV007589.D (-801) (-)

Ion 63.00 (62.70 to 63.70): VV007589.D (-801) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.21 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

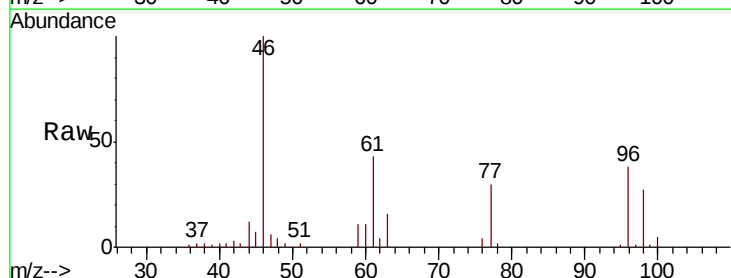
Tgt Ion: 96 Resp: 8086

Ion Ratio Lower Upper

96 100

61 112.1 85.3 158.5

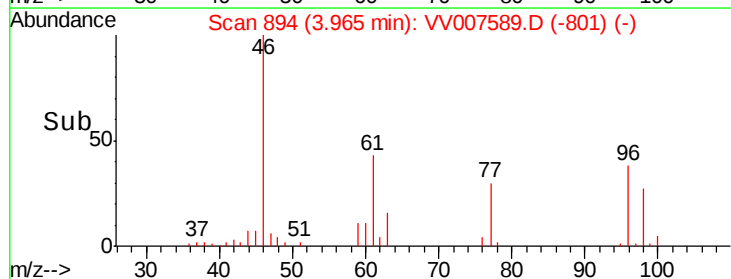
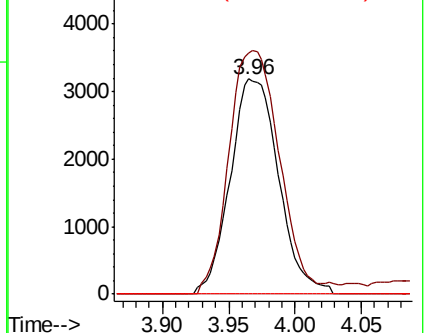
68 0.0 0.0 0.0

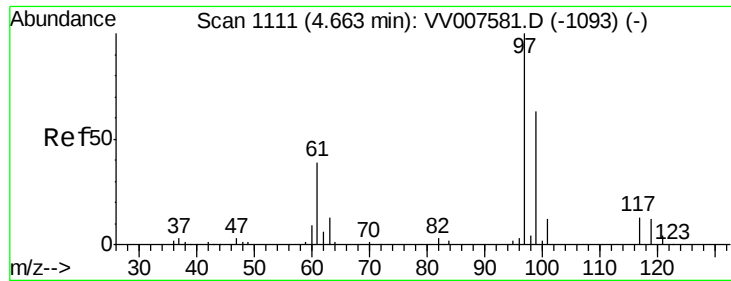


Abundance Ion 96.00 (95.70 to 96.70): VV007589.D (-801) (-)

Ion 61.05 (60.75 to 61.75): VV007589.D (-801) (-)

Ion 68.15 (67.85 to 68.85): VV007589.D (-801) (-)





#29

1,1,1-Trichloroethane

Concen: 0.36 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0KY5RE

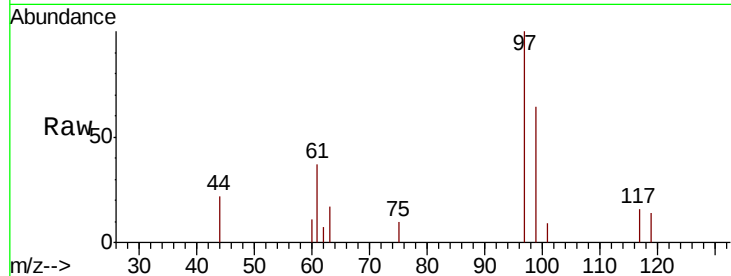
Tot Ion: 97 Resp: 3853

Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

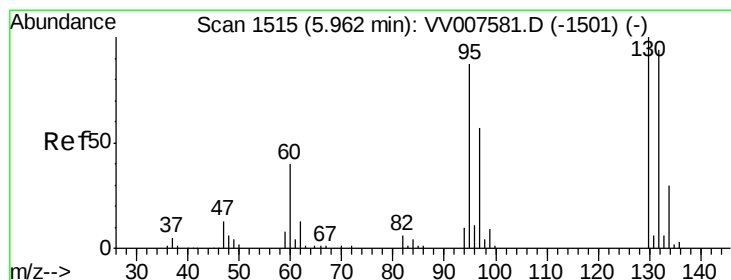
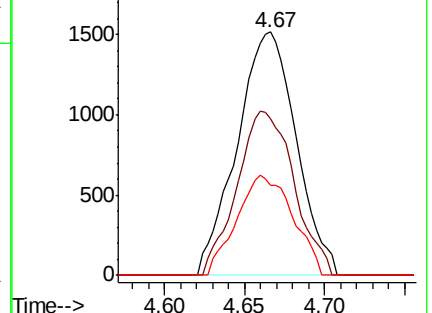
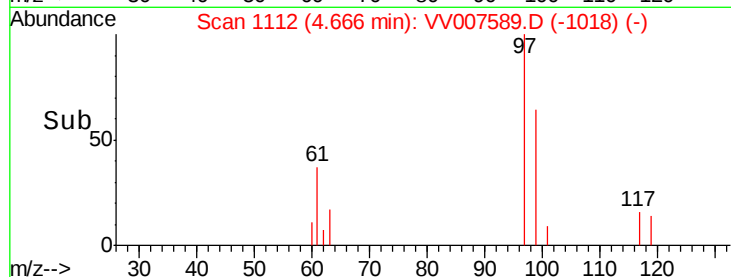
61 38.9 32.5 48.7



Abundance Ion 96.95 (96.65 to 97.65): VV007589.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VV007589.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VV007589.D (-1093) (-)



#34

Trichloroethene

Concen: 1.54 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Tgt Ion: 95 Resp: 10762

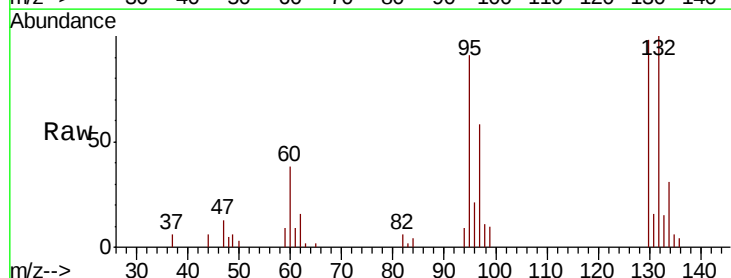
Ion Ratio Lower Upper

95 100

97 63.6 45.5 84.5

132 109.3 74.9 139.1

130 107.4 80.0 148.6



Abundance Ion 95.00 (94.70 to 95.70): VV007589.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007589.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007589.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007589.D (-1422) (-)

