

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007492.D
 Acq On : 12 Sep 2018 23:07
 Operator : SY/MD
 Sample : J4871-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KM7

Quant Time: Sep 13 07:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124157	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34851	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	27155	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	68509	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.96	46	67280	47.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.41	84	64796	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	34375	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	129553	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	38220	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	130532	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	17831	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	44891	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26936	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	51962	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

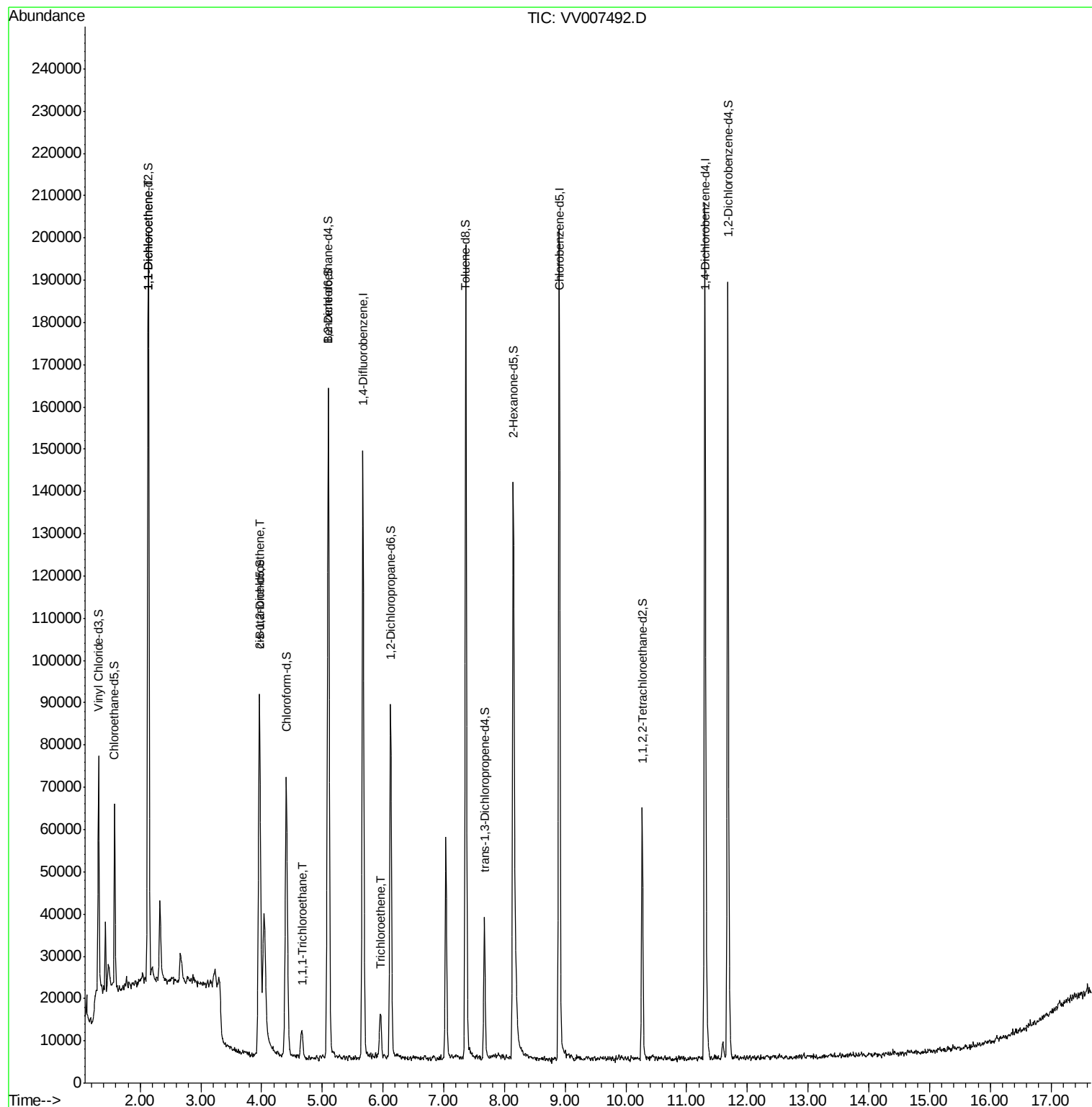
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	31249	4.88	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	24859	3.69	ug/L 95
29) 1,1,1-Trichloroethane	4.66	97	6406	0.56	ug/L 88
34) Trichloroethene	5.96	95	2673	0.36	ug/L 94

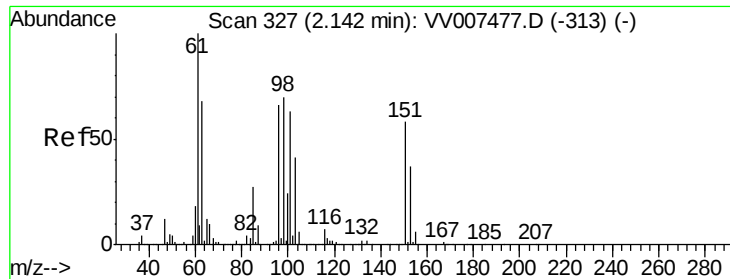
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.88 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

C0KM7

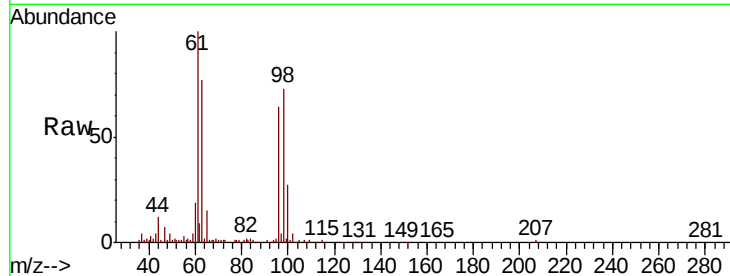
Tot Ion: 96 Resp: 31249

Ion Ratio Lower Upper

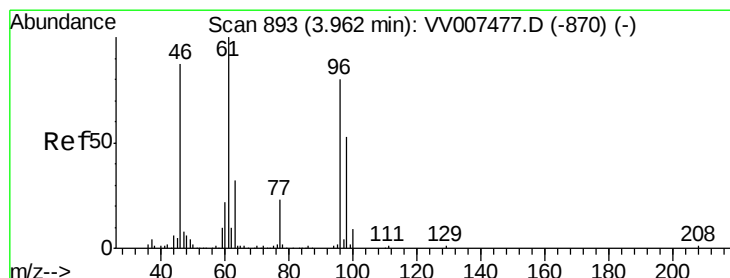
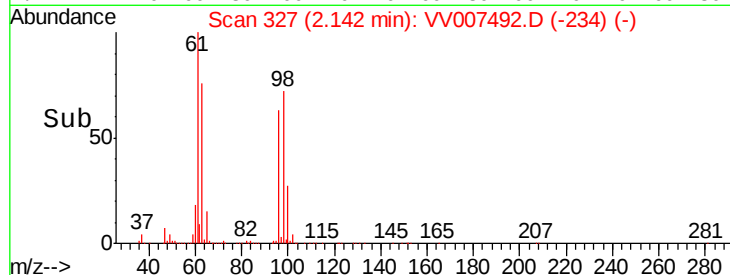
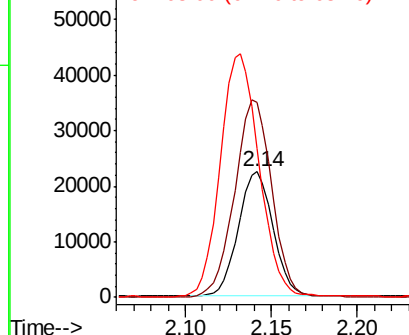
96 100

61 155.4 108.0 200.6

63 119.1 85.7 159.1



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



#22

cis-1,2-Dichloroethene

Concen: 3.69 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007492.D

Acq: 12 Sep 2018 23:07

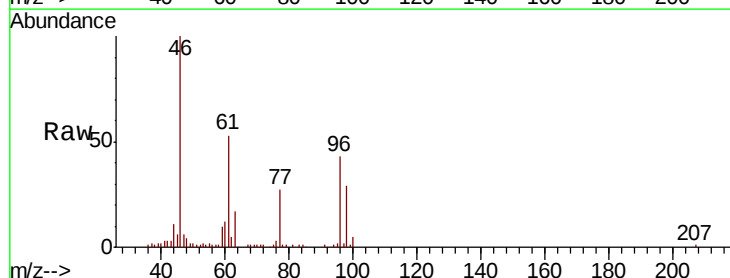
Tgt Ion: 96 Resp: 24859

Ion Ratio Lower Upper

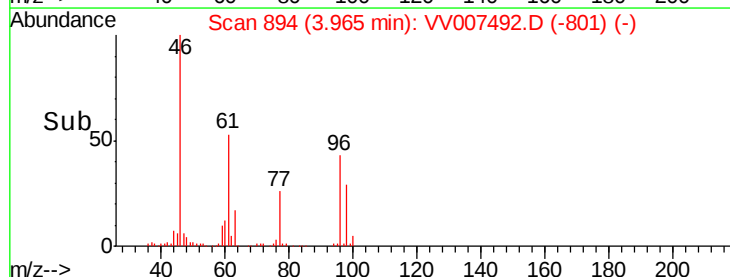
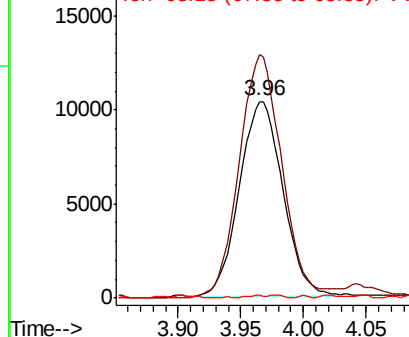
96 100

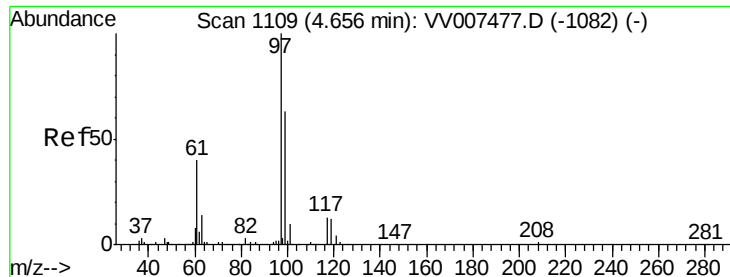
61 123.9 82.6 153.4

68 1.3 1.2 2.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#29

1,1,1-Trichloroethane

Concen: 0.56 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

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Acq: 12 Sep 2018 23:07

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C0KM7

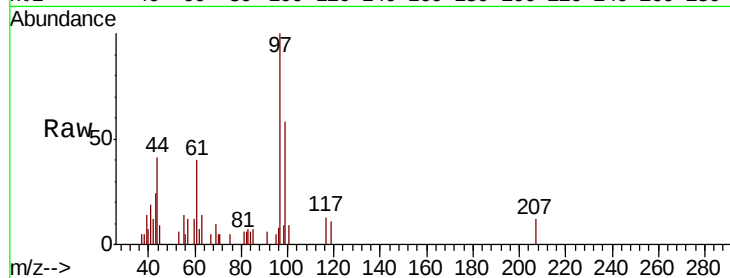
Tot Ion: 97 Resp: 6406

Ion Ratio Lower Upper

97 100

99 52.1 51.2 76.8

61 36.9 33.4 50.2

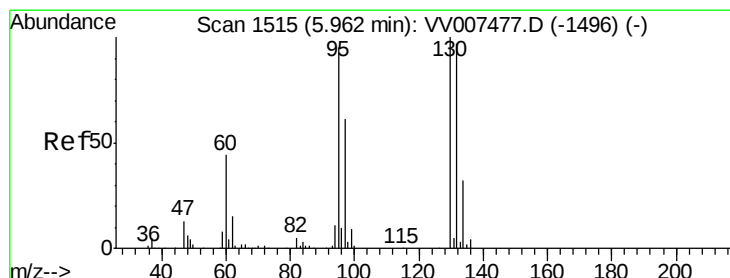
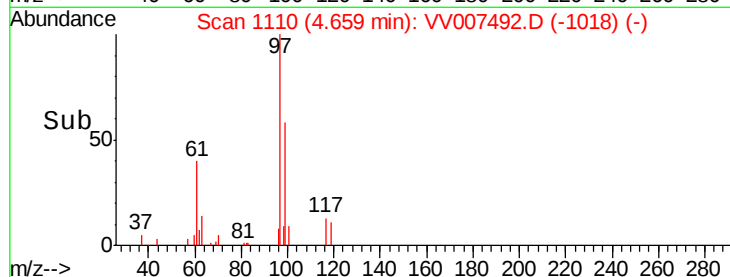
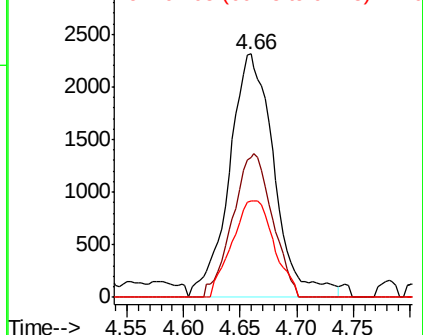


Abundance

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



#34

Trichloroethene

Concen: 0.36 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007492.D

Acq: 12 Sep 2018 23:07

Tgt Ion: 95 Resp: 2673

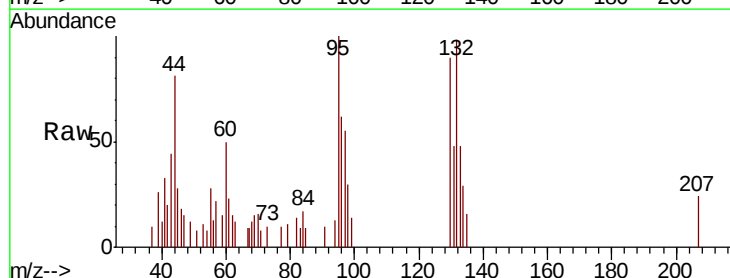
Ion Ratio Lower Upper

95 100

97 55.0 42.8 79.4

132 98.2 67.6 125.6

130 89.8 69.6 129.2



Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

