

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007491.D
 Acq On : 12 Sep 2018 22:40
 Operator : SY/MD
 Sample : J4871-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KM6

Quant Time: Sep 13 07:00:11 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	123757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34751	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	26607	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	68580	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.96	46	71276	49.98	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.96%
24) Chloroform-d	4.41	84	65500	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	35652	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	132522	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.13	67	40538	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	133908	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	19128	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.14	63	37568	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28451	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51832	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

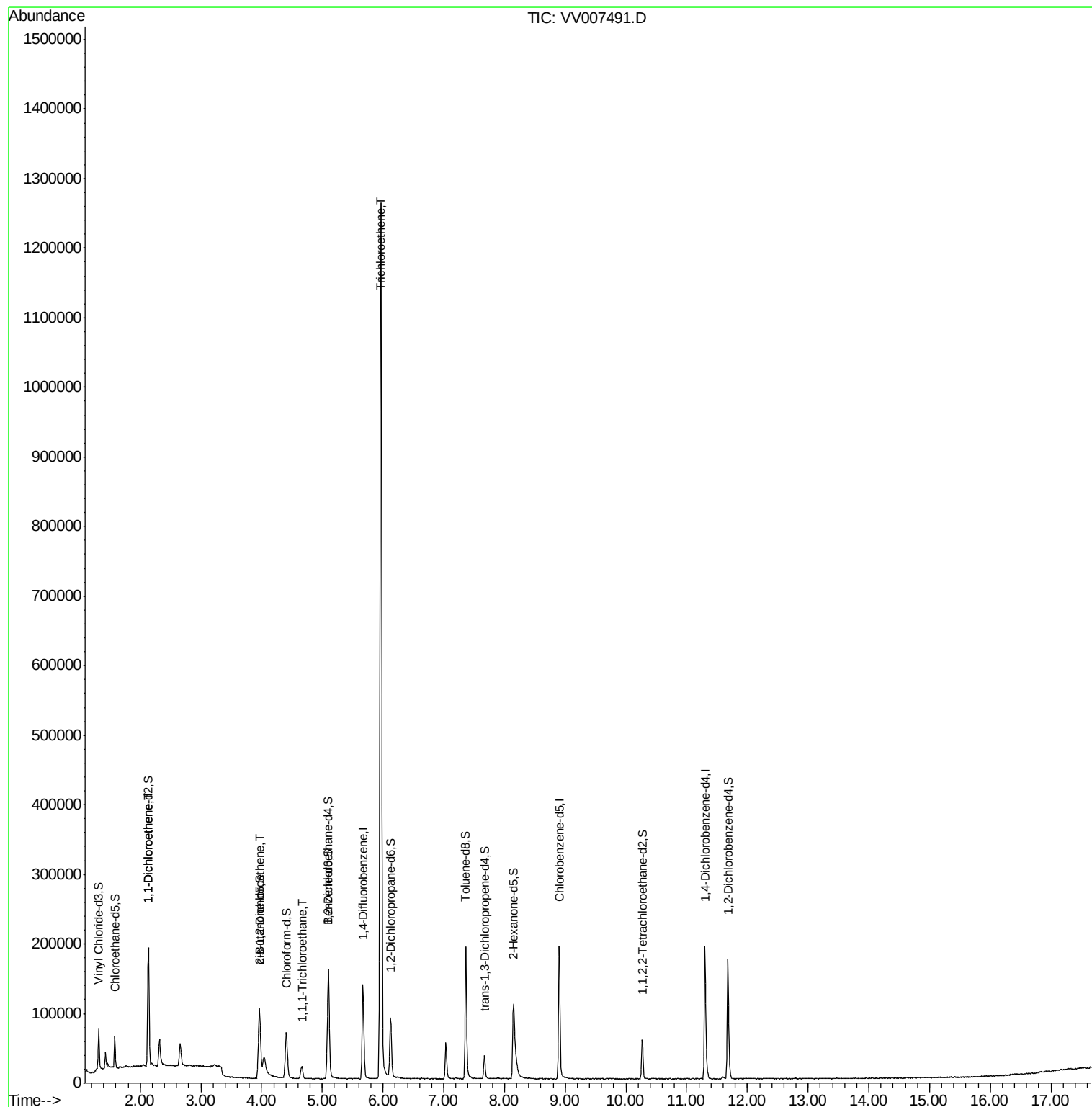
						Ovalue
12) 1,1-Dichloroethene	2.14	96	28514	4.47	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	36535	5.45	ug/L	# 100
29) 1,1,1-Trichloroethane	4.66	97	15033	1.32	ug/L	98
34) Trichloroethene	5.96	95	421417	58.15	ug/L	93

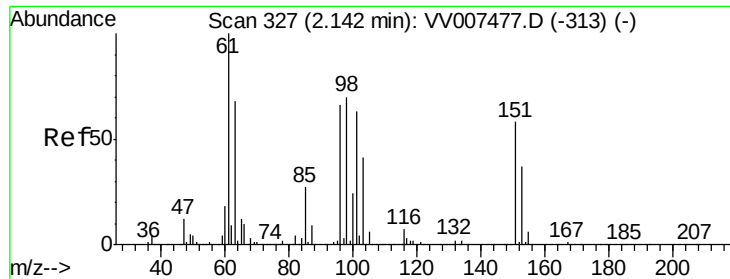
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.47 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

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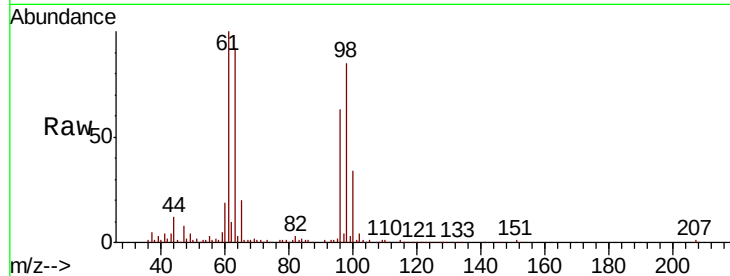
Tot Ion: 96 Resp: 28514

Ion Ratio Lower Upper

96 100

61 157.8 108.0 200.6

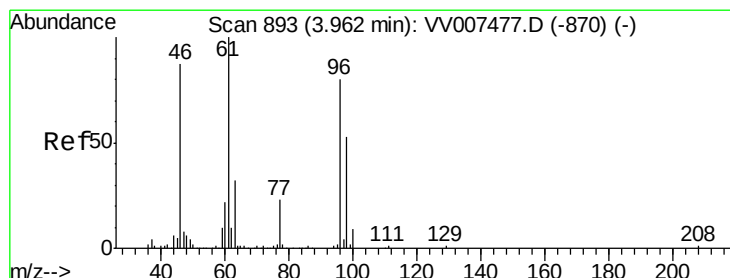
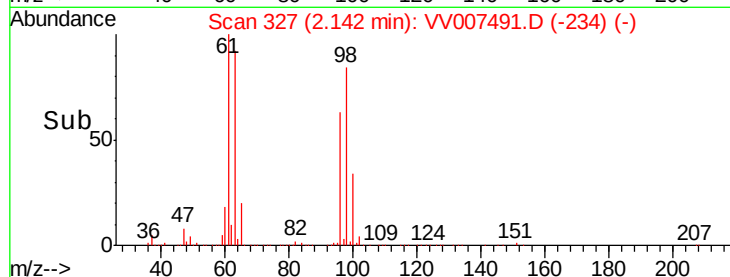
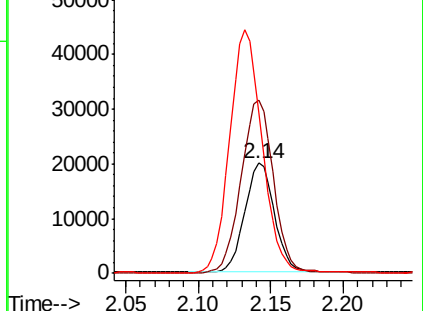
63 145.3 85.7 159.1



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: 5.45 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

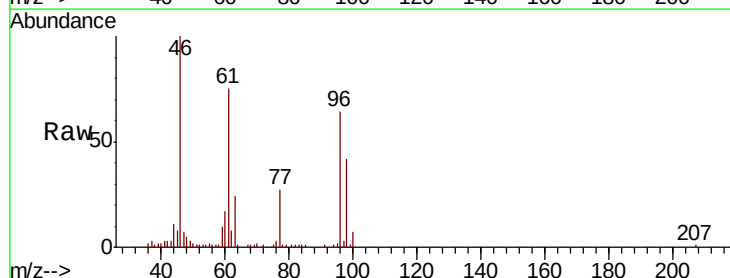
Tgt Ion: 96 Resp: 36535

Ion Ratio Lower Upper

96 100

61 118.0 82.6 153.4

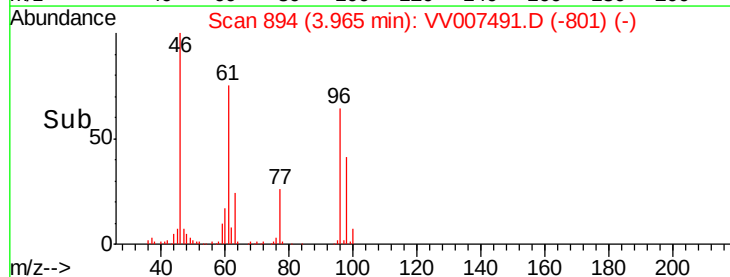
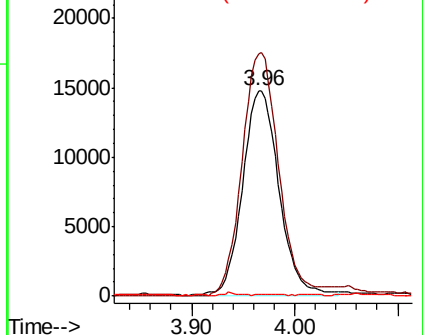
68 0.9 1.2 2.2#

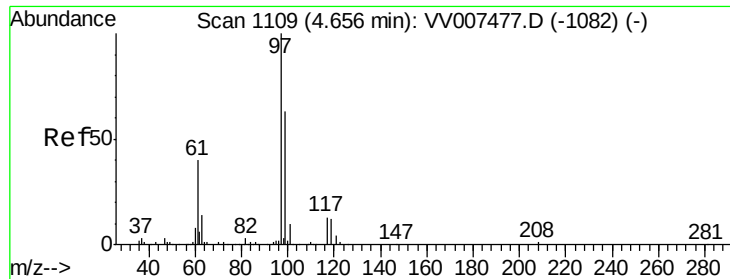


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#29

1,1,1-Trichloroethane

Concen: 1.32 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

C0KM6

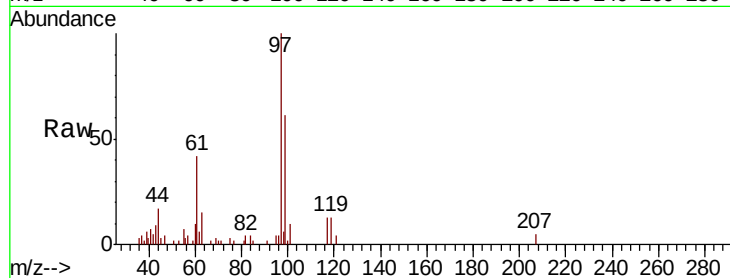
Tot Ion: 97 Resp: 15033

Ion Ratio Lower Upper

97 100

99 62.8 51.2 76.8

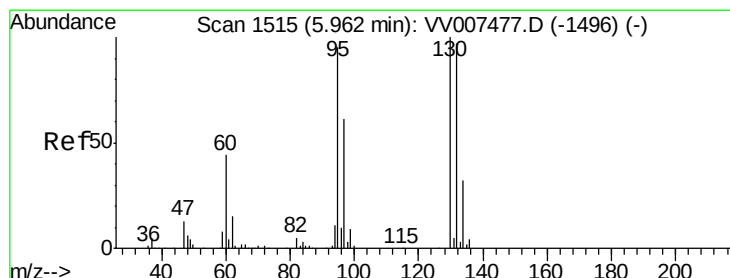
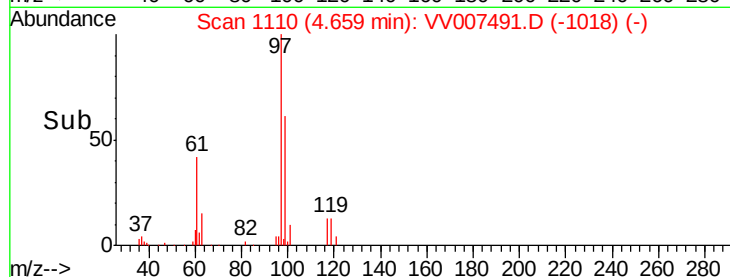
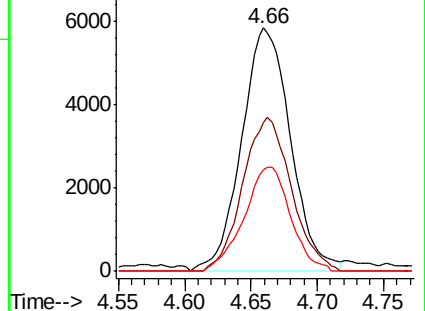
61 40.7 33.4 50.2



Abundance Ion 96.95 (96.65 to 97.65): VV007477.D (-1082) (-)

Ion 99.05 (98.75 to 99.75): VV007477.D (-1082) (-)

Ion 61.05 (60.75 to 61.75): VV007477.D (-1082) (-)



#34

Trichloroethene

Concen: 58.15 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Tgt Ion: 95 Resp: 421417

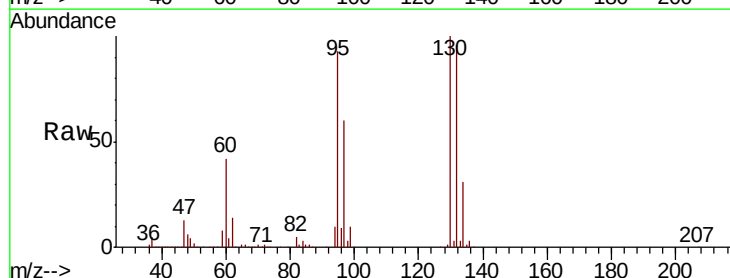
Ion Ratio Lower Upper

95 100

97 64.4 42.8 79.4

132 103.8 67.6 125.6

130 107.7 69.6 129.2



Abundance Ion 95.00 (94.70 to 95.70): VV007477.D (-1496) (-)

Ion 96.95 (96.65 to 97.65): VV007477.D (-1496) (-)

Ion 131.95 (131.65 to 132.65): VV007477.D (-1496) (-)

Ion 129.95 (129.65 to 130.65): VV007477.D (-1496) (-)

