

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008598.D
 Acq On : 16 Nov 2018 22:32
 Operator : SY/MD
 Sample : J5988-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF2

Quant Time: Nov 17 05:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 04:38:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154022	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31742	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	26431	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	47162	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.98	46	119704	48.90	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.41	84	86943	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	47353	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	176117	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	56818	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	163169	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	19927	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	97236	48.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	38157	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	55864	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

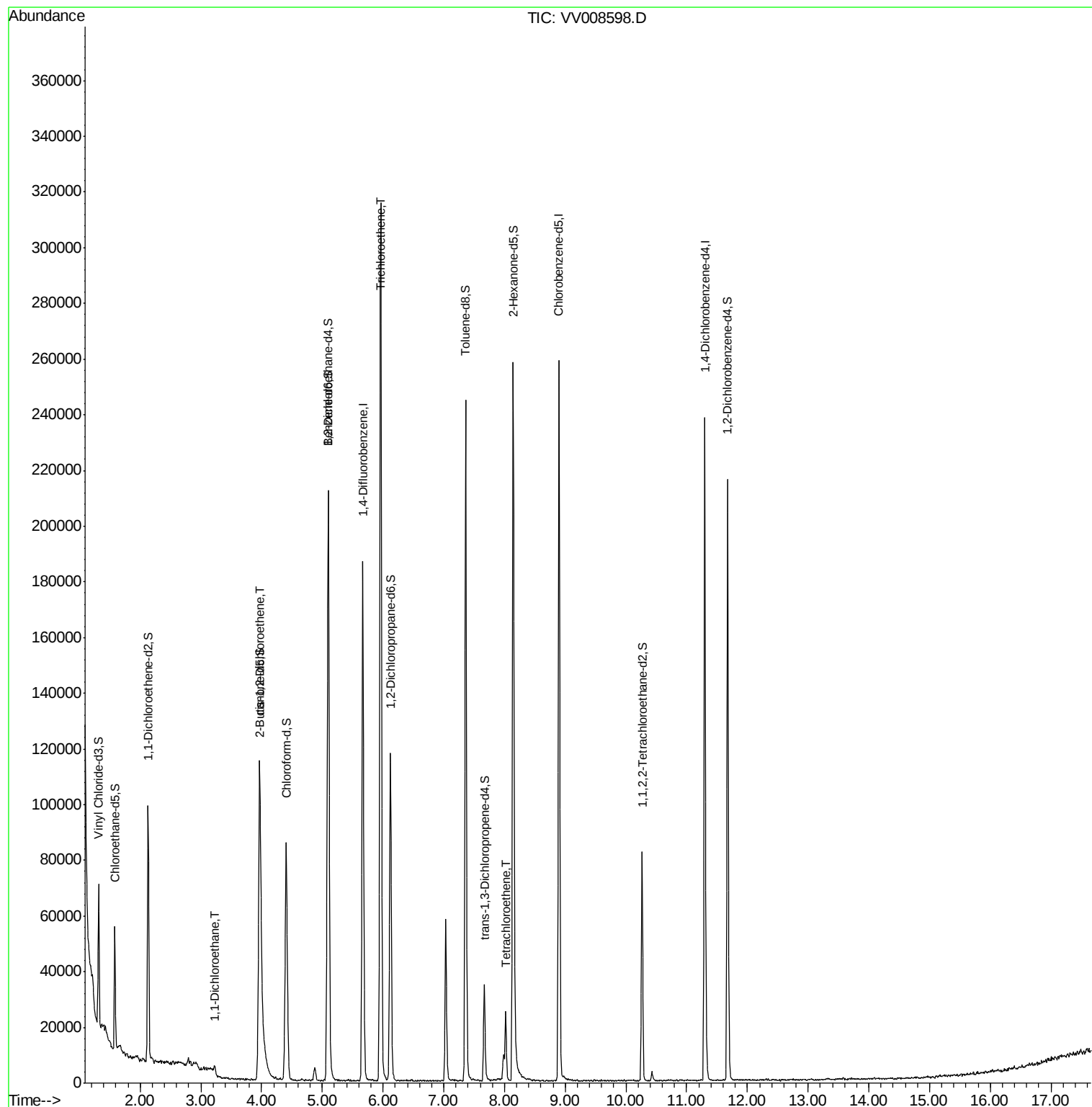
					Qvalue
19) 1,1-Dichloroethane	3.23	63	3258	0.166 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	45846	3.919 ug/L	98
34) Trichloroethene	5.96	95	114053	9.817 ug/L	98
47) Tetrachloroethene	8.02	164	5188	0.617 ug/L	96

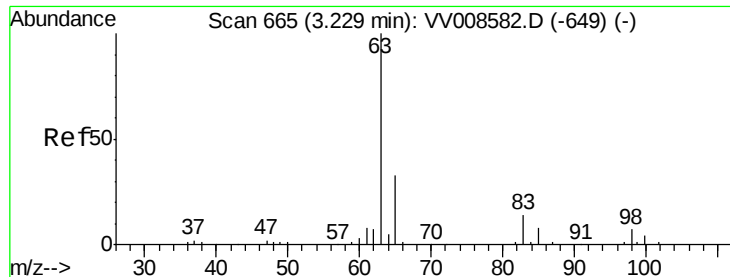
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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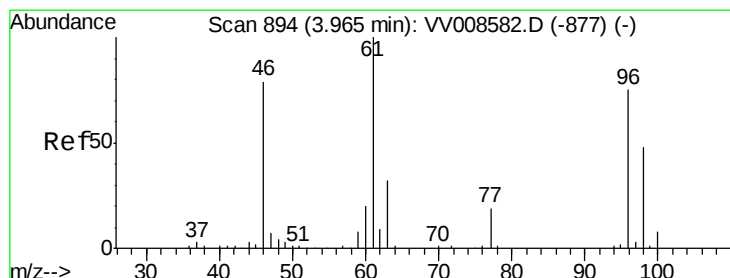
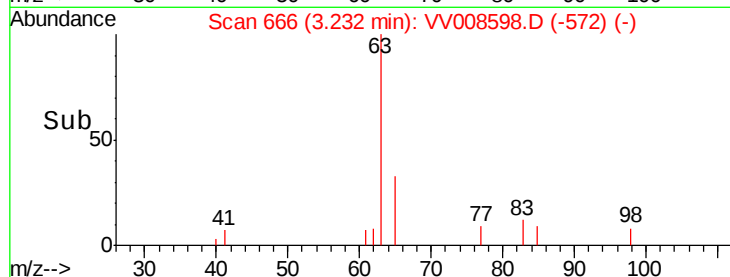
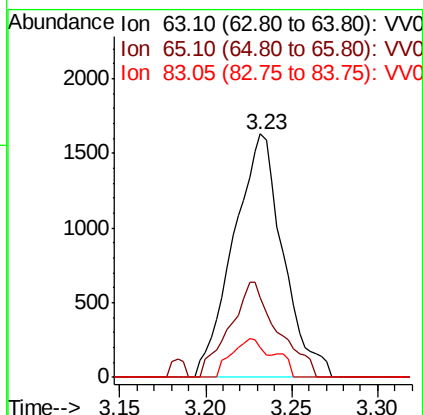
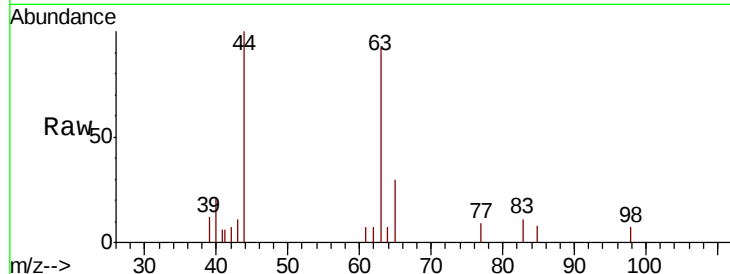




#19
 1,1-Dichloroethane
 Concen: 0.166 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008598.D
 Acq: 16 Nov 2018 22:32

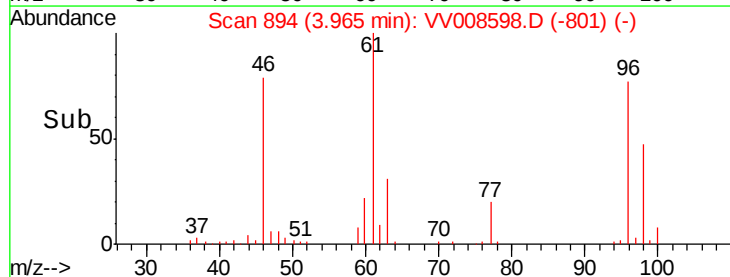
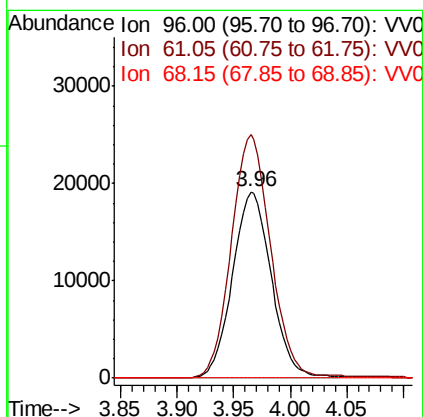
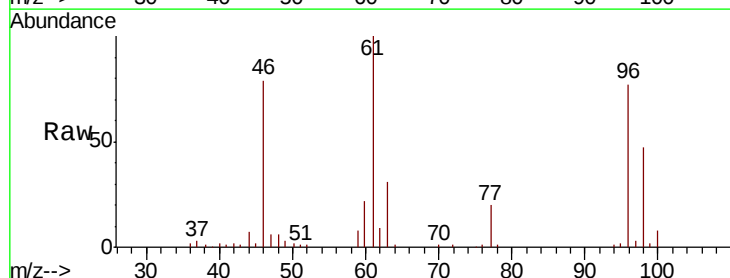
Instrument :
 MSVOA_V
 ClientSampled :
 C0JF2

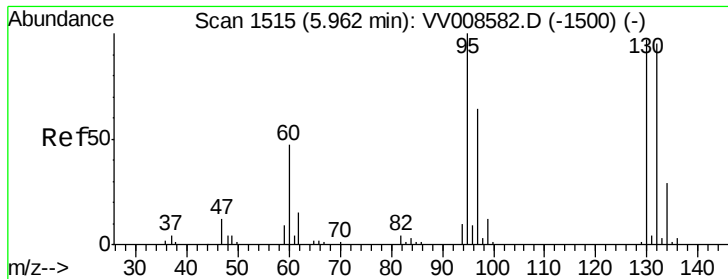
Tgt Ion: 63 Resp: 3258
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.2 43.0
 83 12.1 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 3.919 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008598.D
 Acq: 16 Nov 2018 22:32

Tgt Ion: 96 Resp: 45846
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.2 173.2
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.817 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008598.D

Acq: 16 Nov 2018 22:32

Instrument :

MSVOA_V

ClientSampleId :

C0JF2

Tgt Ion: 95 Resp: 114053

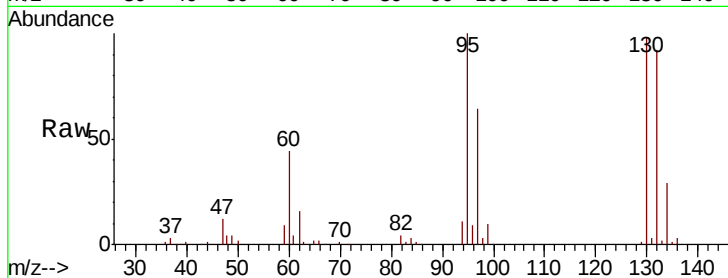
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.7

132 91.6 66.3 123.1

130 97.8 68.0 126.4

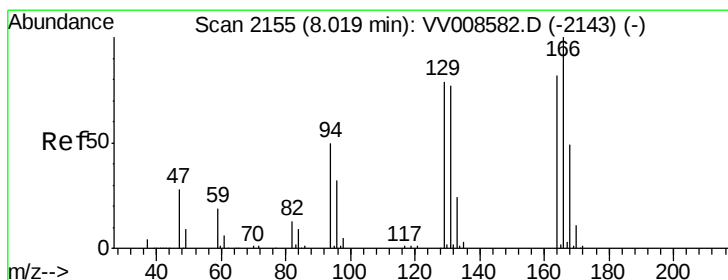
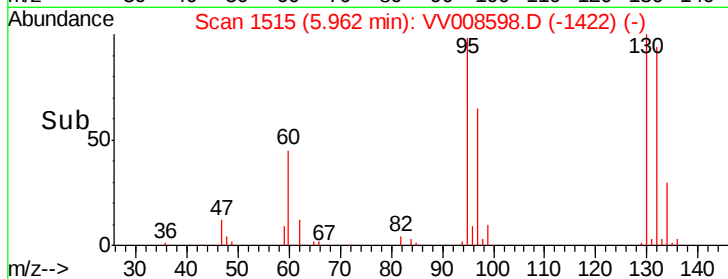
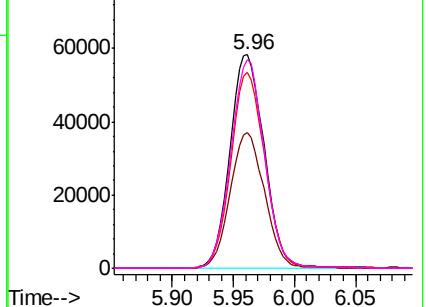


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 0.617 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008598.D

Acq: 16 Nov 2018 22:32

Tgt Ion:164 Resp: 5188

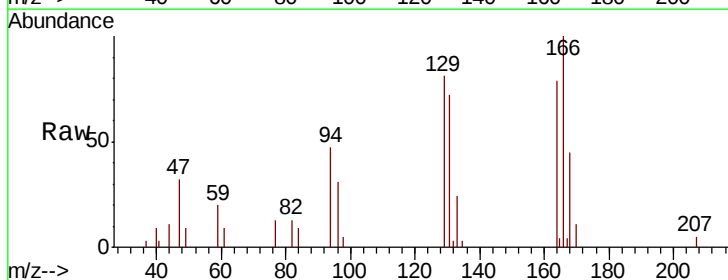
Ion Ratio Lower Upper

164 100

129 101.9 67.5 125.4

131 91.3 66.4 123.4

166 126.6 85.8 159.3



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

