

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008100.D
 Acq On : 05 Oct 2018 16:10
 Operator : SY/MD
 Sample : J5246-19
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J87

Quant Time: Oct 08 07:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 01:03:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27871	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.59	69	23957	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.14	63	42978	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	75094	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.41	84	57940	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	30568	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	113479	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	36333	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	103338	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.67	79	11962	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	52512	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25472	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42108	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

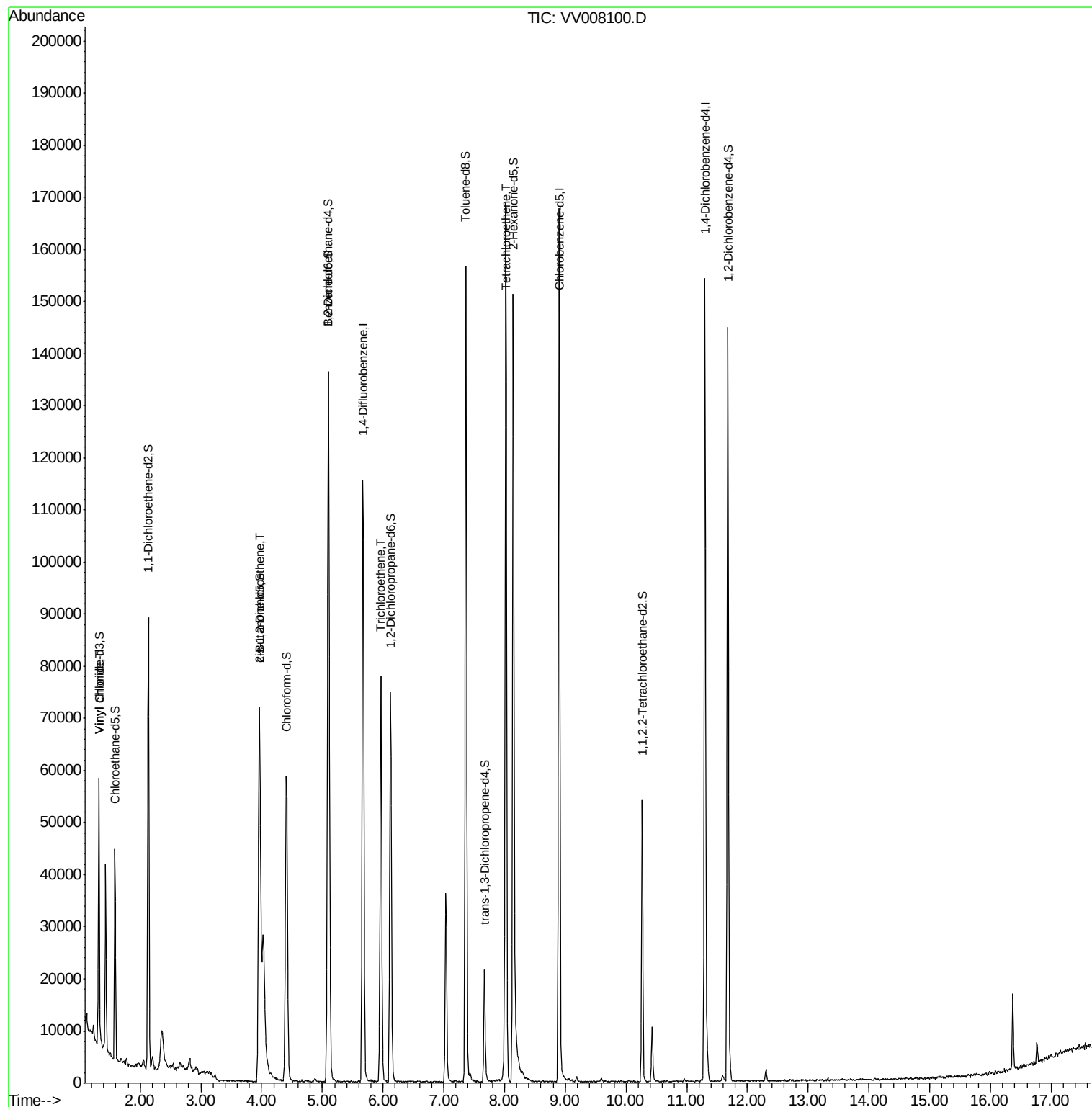
					Ovalue
5) Vinyl chloride	1.33	62	4045	0.642 ug/L	84
22) cis-1,2-Dichloroethene	3.97	96	17987	2.721 ug/L	99
34) Trichloroethene	5.96	95	26017	3.722 ug/L	99
47) Tetrachloroethene	8.02	164	40015	6.410 ug/L	96

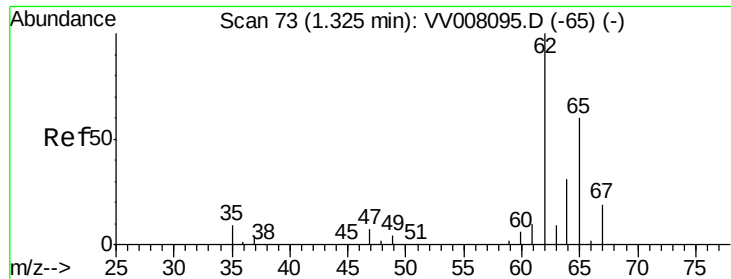
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.642 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

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Acq: 05 Oct 2018 16:10

Instrument :

MSVOA_V

ClientSampleId :

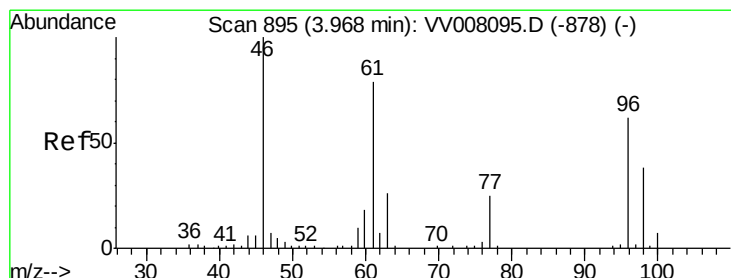
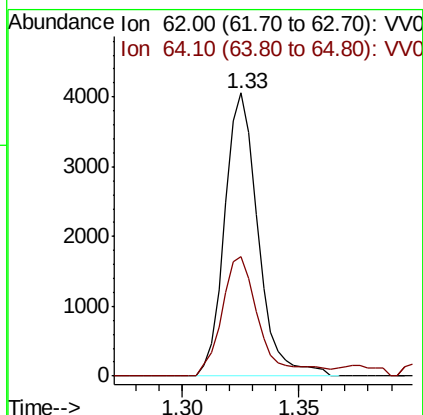
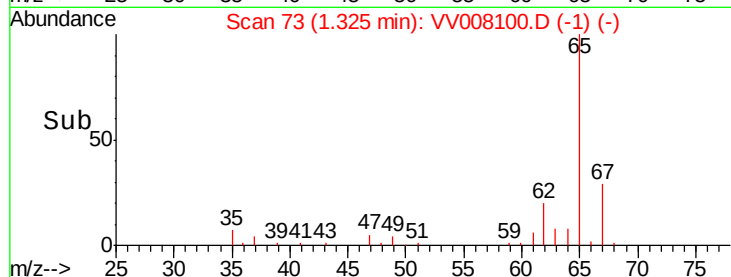
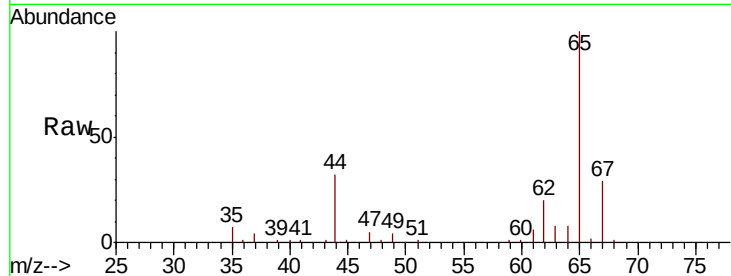
C0J87

Tot Ion: 62 Resp: 4045

Ion Ratio Lower Upper

62 100

64 42.4 23.4 43.4



#22

cis-1,2-Dichloroethene

Concen: 2.721 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008100.D

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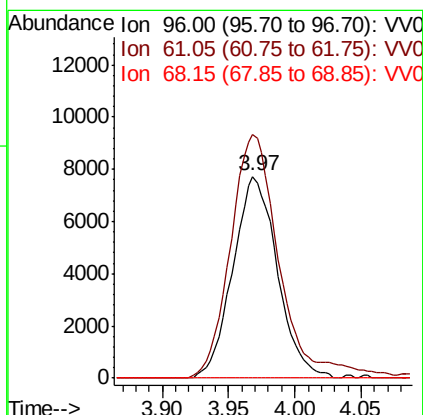
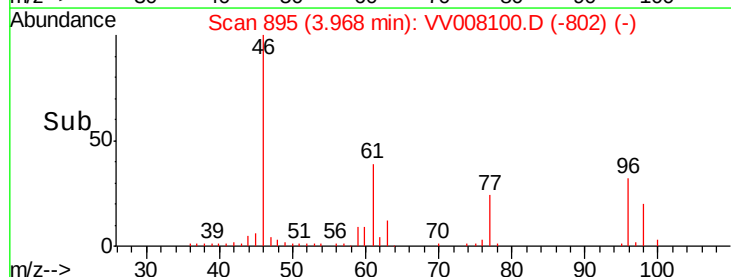
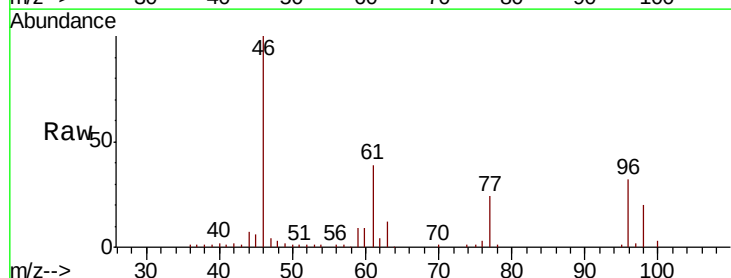
Tgt Ion: 96 Resp: 17987

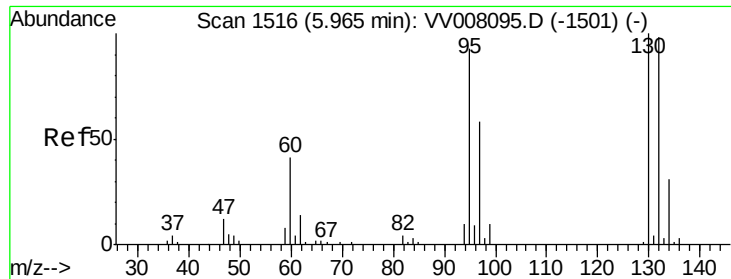
Ion Ratio Lower Upper

96 100

61 120.6 85.1 158.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.722 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008100.D

Acq: 05 Oct 2018 16:10

Instrument :

MSVOA_V

ClientSampleId :

C0J87

Tot Ion: 95 Resp: 26017

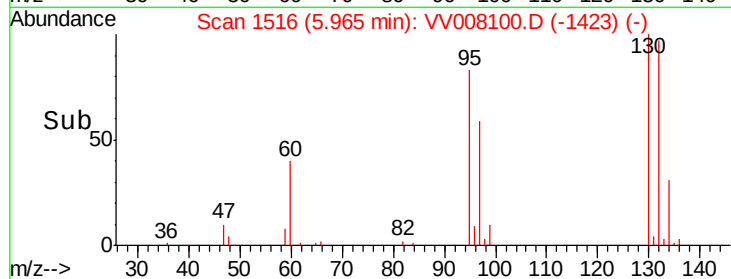
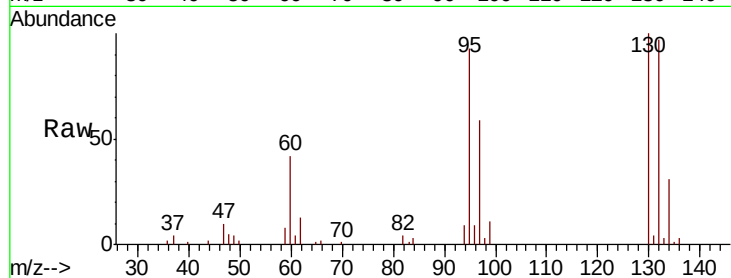
Ion Ratio Lower Upper

95 100

97 63.2 44.9 83.5

132 104.2 73.6 136.6

130 107.0 76.2 141.6

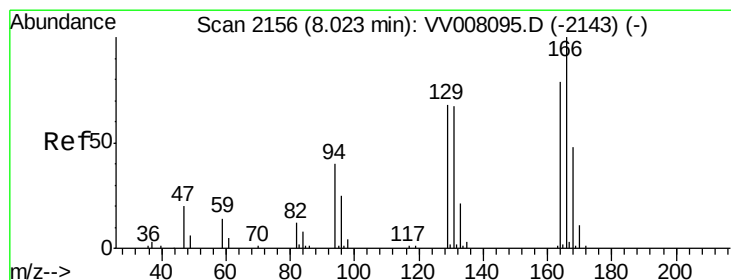
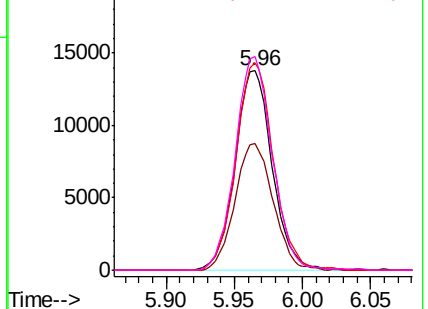


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.410 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008100.D

Acq: 05 Oct 2018 16:10

Tgt Ion:164 Resp: 40015

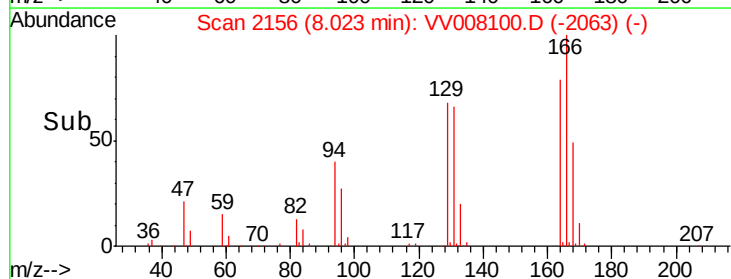
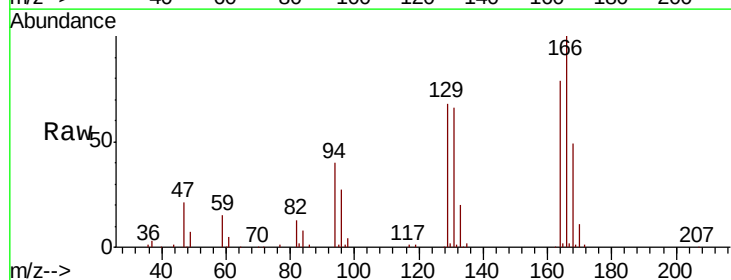
Ion Ratio Lower Upper

164 100

129 85.5 62.2 115.4

131 83.5 60.5 112.5

166 126.2 92.1 171.1



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

