

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007400.D
 Acq On : 05 Sep 2018 22:28
 Operator : SY/MD
 Sample : J4719-13 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE9

Quant Time: Sep 06 02:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 01:44:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	461926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	459645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	174806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142875	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.56	69	116414	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.72%
11) 1,1-Dichloroethene-d2	2.13	63	190914	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.96	46	215532	80.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.31%
24) Chloroform-d	4.40	84	323963	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.09	65	204294	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.10	84	621569	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
36) 1,2-Dichloropropane-d6	6.12	67	217003	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.36	98	479872	40.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.48%
43) trans-1,3-Dichloropropene-	7.67	79	84173	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.14	63	162645	89.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	312139	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	197019	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

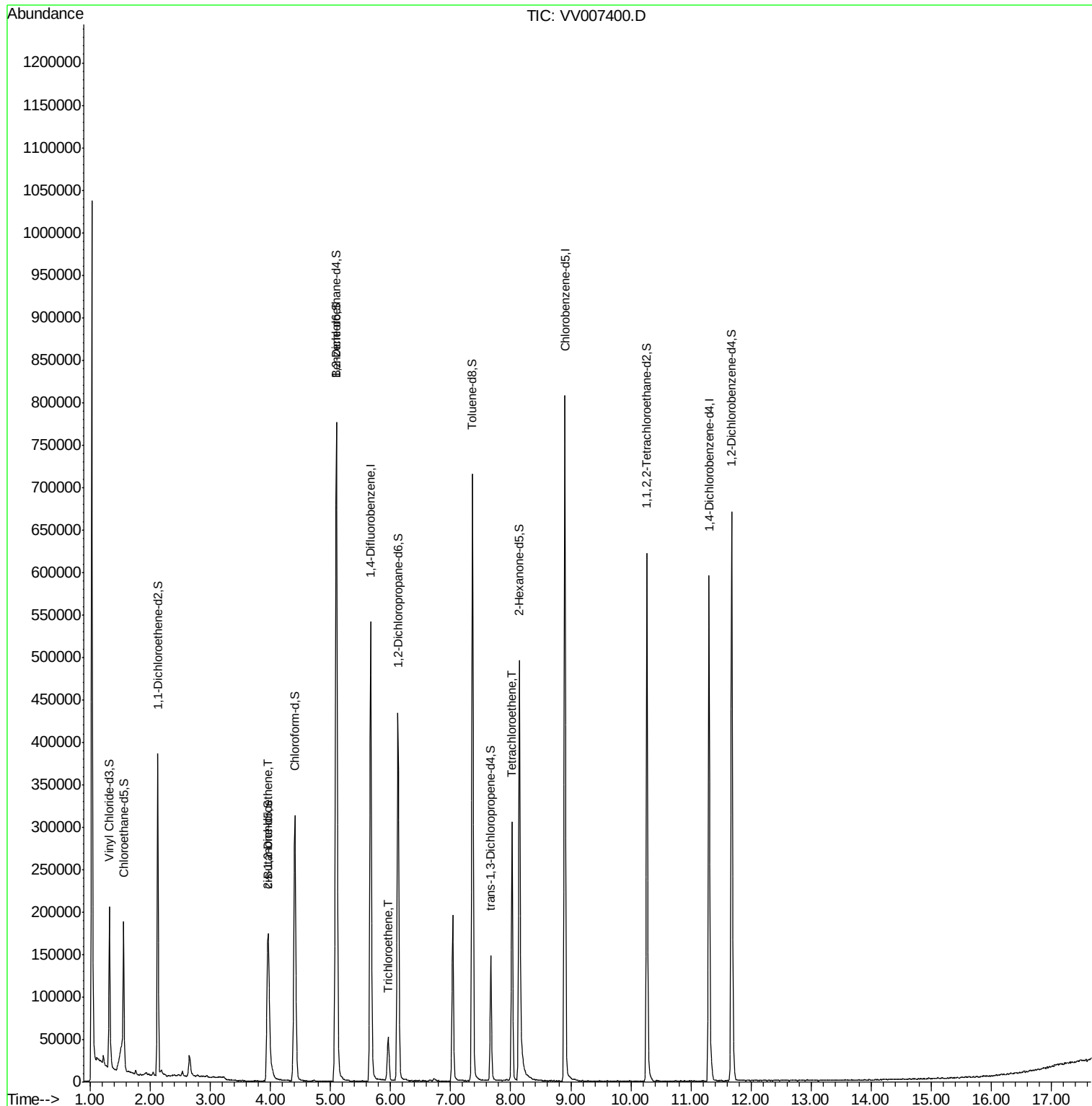
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	15746	4.29 ug/L	91
34) Trichloroethene	5.96	95	15259	4.25 ug/L	94
46) Tetrachloroethene	8.02	164	71985	24.94 ug/L	99

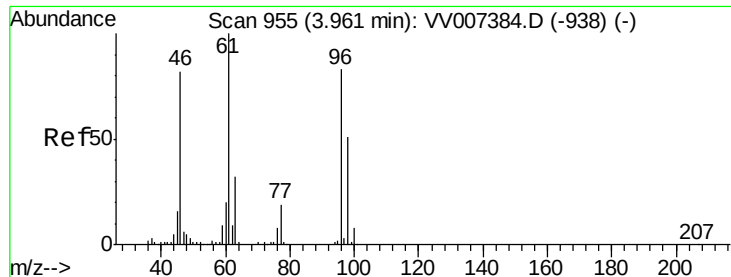
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.29 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Instrument :

MSVOA_V

ClientSampled :

BEGE9

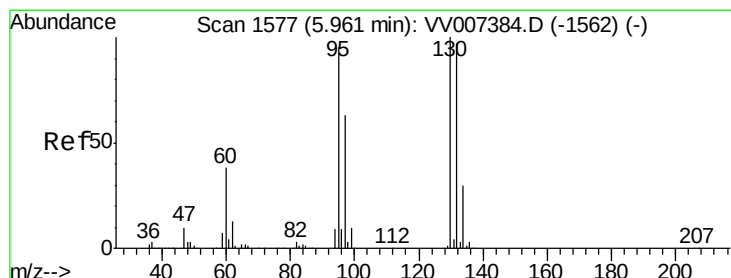
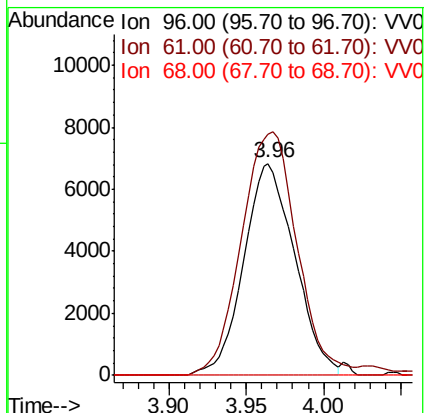
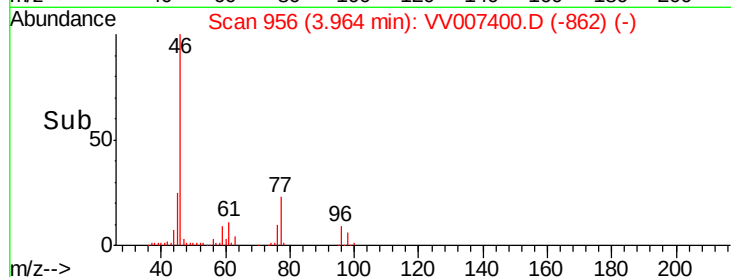
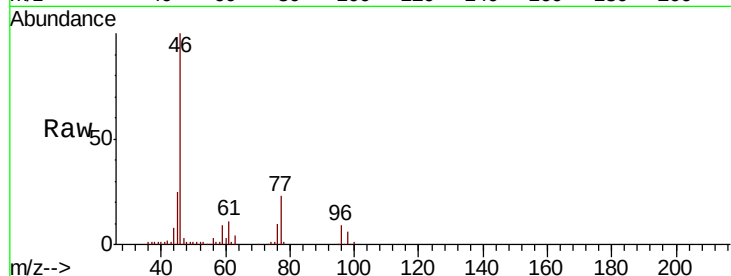
Tot Ion: 96 Resp: 15746

Ion Ratio Lower Upper

96 100

61 113.9 86.8 161.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.25 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Tgt Ion: 95 Resp: 15259

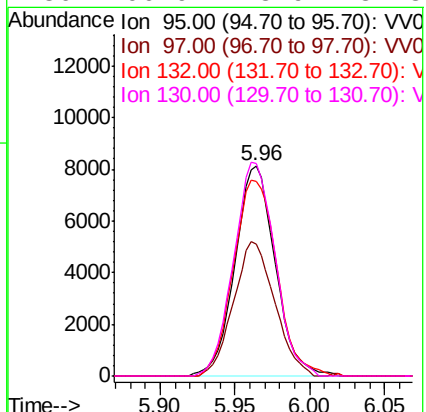
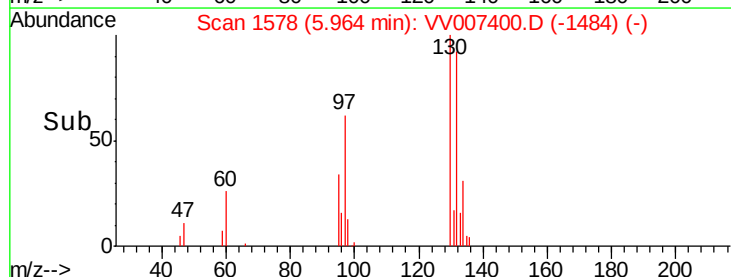
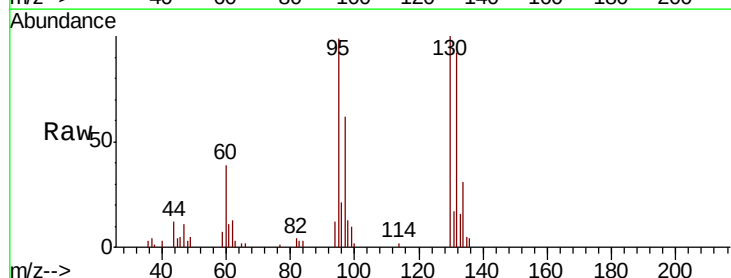
Ion Ratio Lower Upper

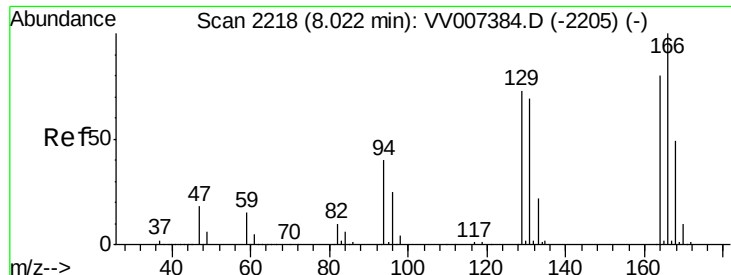
95 100

97 62.5 46.1 85.7

132 92.5 70.8 131.6

130 100.9 73.9 137.3





#46

Tetrachloroethene

Concen: 24.94 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Instrument :
MSVOA_V
ClientSampleId :
BEGE9

Tot Ion:164 Resp: 71985

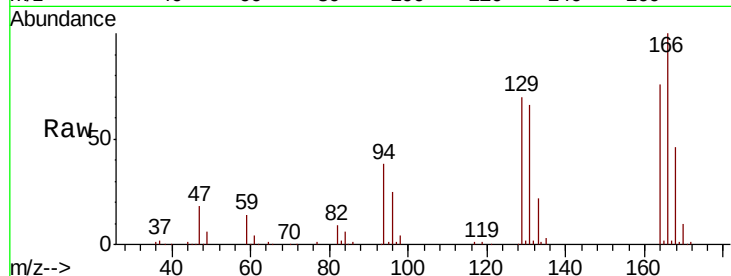
Ion Ratio Lower Upper

164 100

129 91.4 63.9 118.7

131 87.2 62.6 116.2

166 131.2 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

