

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007413.D
 Acq On : 06 Sep 2018 03:53
 Operator : SY/MD
 Sample : J4751-05 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH6

Quant Time: Sep 06 04:28:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 02:12:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	471708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	476625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	174730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136640	40.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.12%
7) Chloroethane-d5	1.56	69	109714	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.42%
11) 1,1-Dichloroethene-d2	2.12	63	187226	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	3.96	46	221120	80.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.68%
24) Chloroform-d	4.40	84	324721	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.09	65	208702	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.10	84	620463	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
36) 1,2-Dichloropropane-d6	6.12	67	216765	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.06%
41) Toluene-d8	7.36	98	476431	38.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.06%#
43) trans-1,3-Dichloropropene-	7.67	79	81453	39.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.44%
47) 2-Hexanone-d5	8.14	63	183457	97.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	315323	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	190859	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

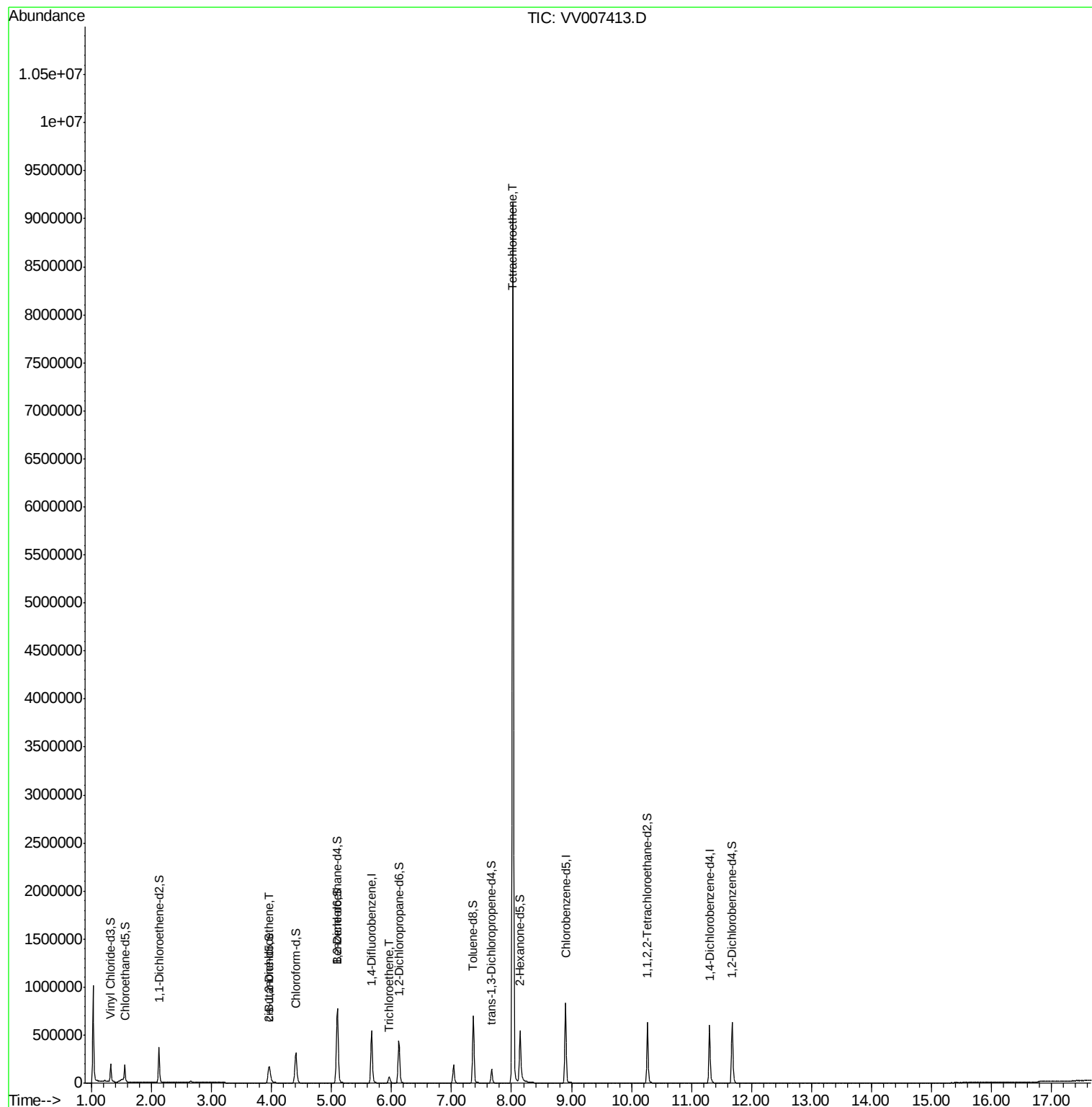
						Ovalue
20) cis-1,2-Dichloroethene	3.97	96	12207	3.26	ug/L	93
34) Trichloroethene	5.96	95	20133	5.41	ug/L	100
46) Tetrachloroethene	8.02	164	2161386	722.23	ug/L	98

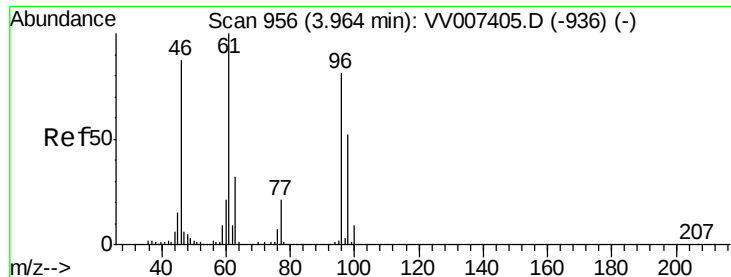
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 3.26 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007413.D

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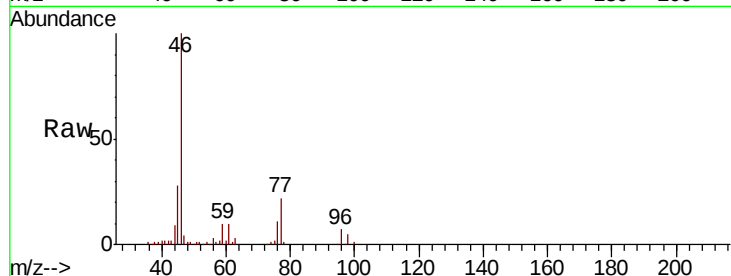
Tot Ion: 96 Resp: 12207

Ion Ratio Lower Upper

96 100

61 131.7 86.8 161.2

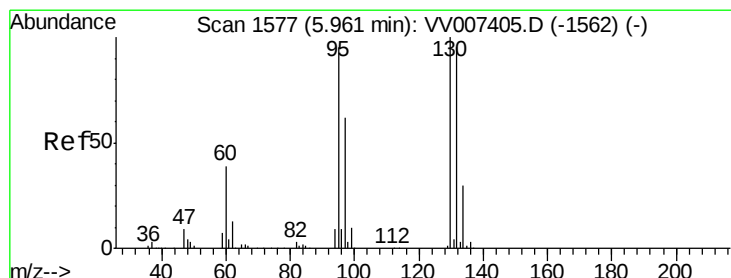
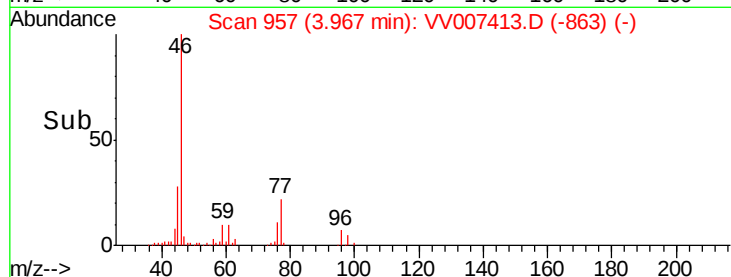
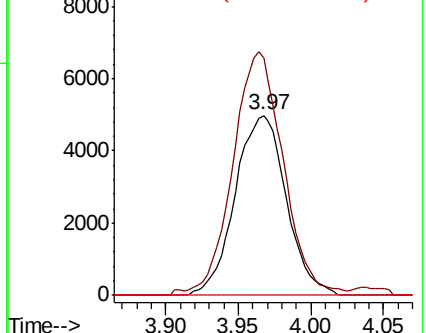
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007405.D (-936) (-)

Ion 61.00 (60.70 to 61.70): VV007405.D (-936) (-)

Ion 68.00 (67.70 to 68.70): VV007405.D (-936) (-)



#34

Trichloroethene

Concen: 5.41 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV007413.D

Acq: 06 Sep 2018 03:53

Tgt Ion: 95 Resp: 20133

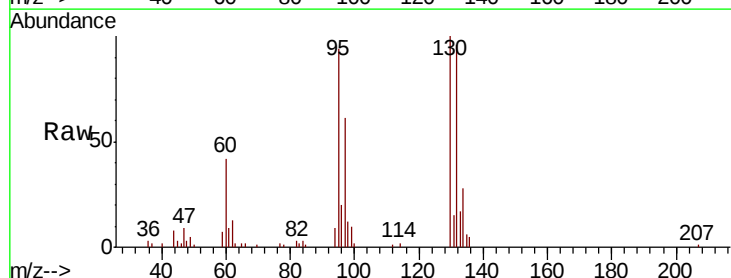
Ion Ratio Lower Upper

95 100

97 64.8 46.1 85.7

132 101.2 70.8 131.6

130 105.9 73.9 137.3

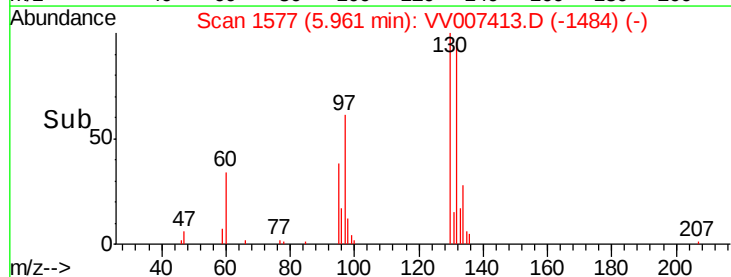
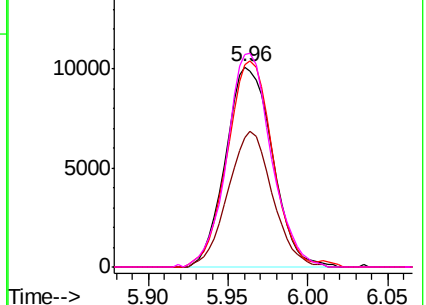


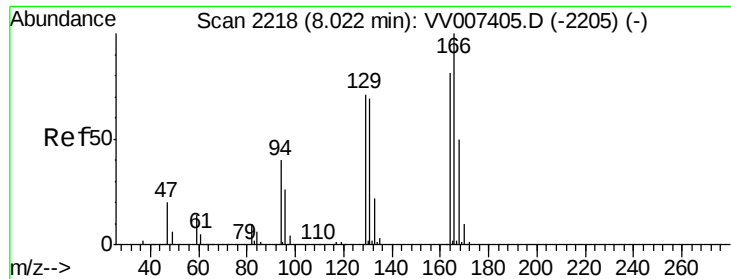
Abundance Ion 95.00 (94.70 to 95.70): VV007405.D (-1562) (-)

Ion 97.00 (96.70 to 97.70): VV007405.D (-1562) (-)

Ion 132.00 (131.70 to 132.70): VV007405.D (-1562) (-)

Ion 130.00 (129.70 to 130.70): VV007405.D (-1562) (-)





#46

Tetrachloroethene

Concen: 722.23 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007413.D

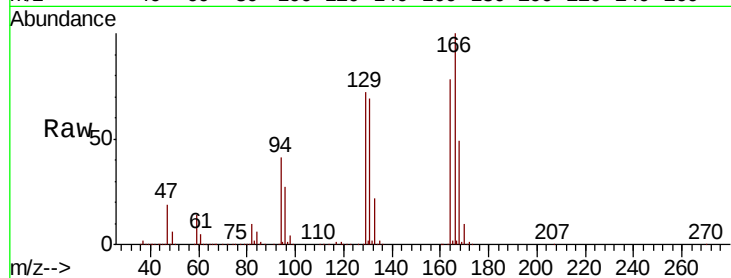
Acq: 06 Sep 2018 03:53

Instrument :

MSVOA_V

ClientSampleId :

BEGH6



Tot Ion:164 Resp: 2161386

Ion Ratio Lower Upper

164 100

129 92.2 63.9 118.7

131 88.4 62.6 116.2

166 127.9 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

