

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007415.D
 Acq On : 06 Sep 2018 04:43
 Operator : SY/MD
 Sample : J4751-07 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH8

Quant Time: Sep 06 07:44:24 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	513833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	529248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	199832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144465	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.56	69	115096	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.74%
11) 1,1-Dichloroethene-d2	2.13	63	206065	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.74%
21) 2-Butanone-d5	3.95	46	225386	75.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.50%
24) Chloroform-d	4.40	84	325869	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.09	65	206342	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.10	84	634986	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
36) 1,2-Dichloropropane-d6	6.12	67	222061	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.08%
41) Toluene-d8	7.36	98	520759	37.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.86%#
43) trans-1,3-Dichloropropene-	7.67	79	83177	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
47) 2-Hexanone-d5	8.14	63	178895	85.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	311249	42.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	207975	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

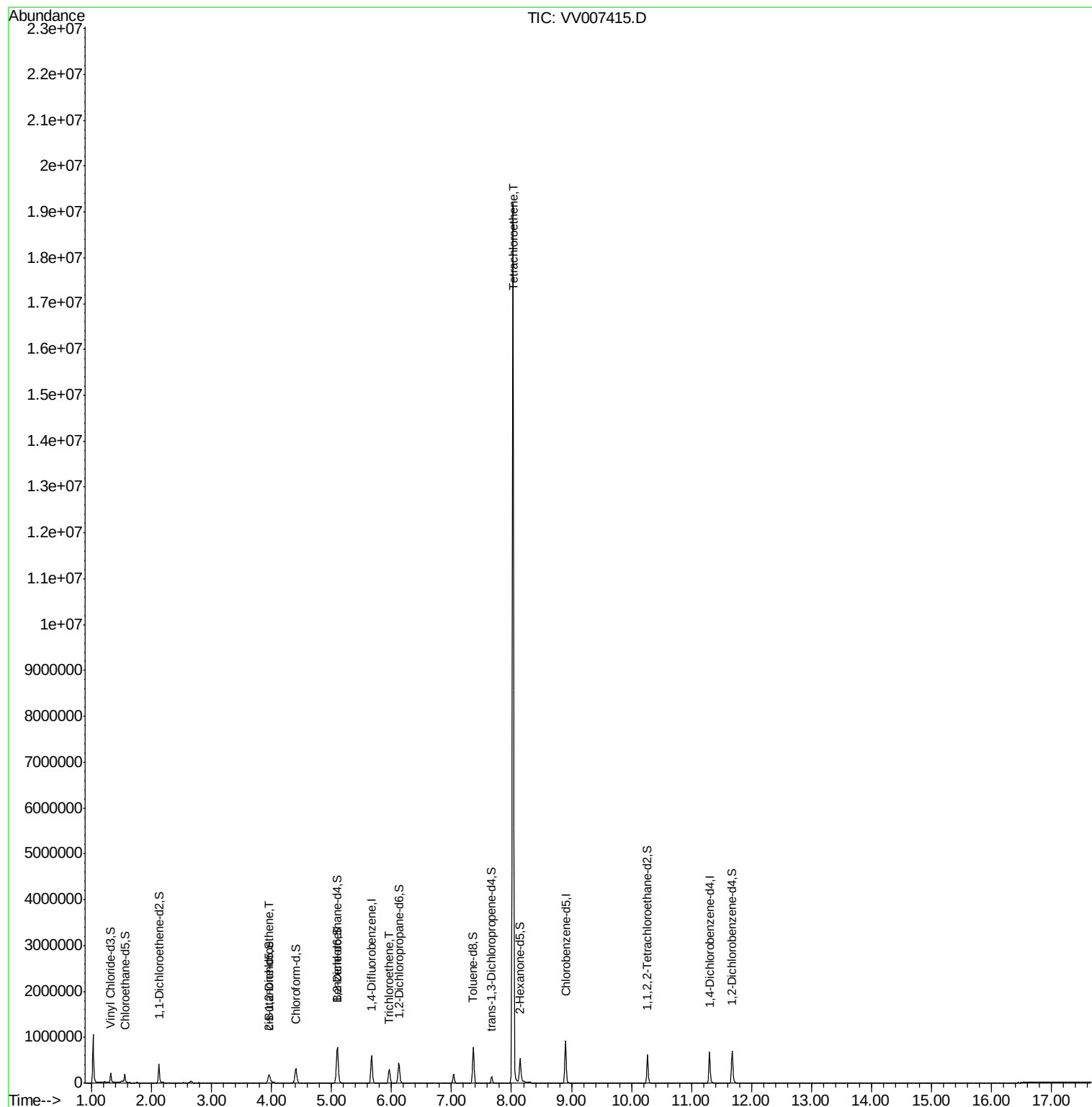
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.96	96	18350	4.50	ug/L	97
34) Trichloroethene	5.96	95	106712	25.82	ug/L	99
46) Tetrachloroethene	8.03	164	4425970	1331.89	ug/L	98

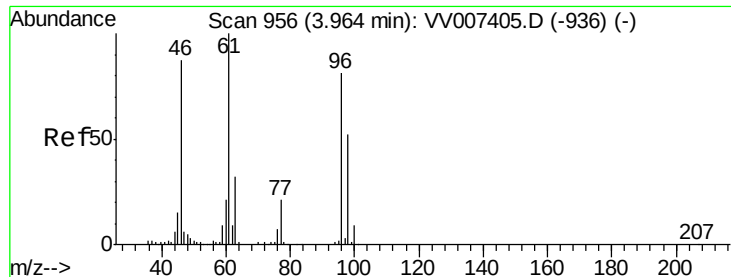
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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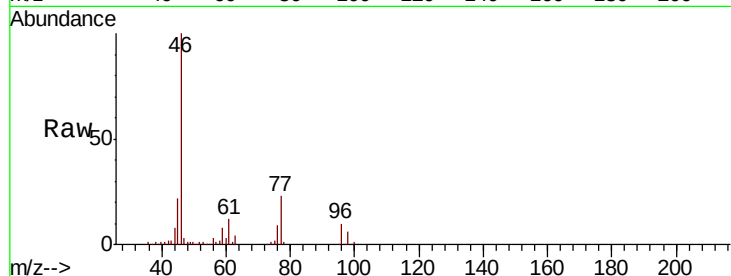




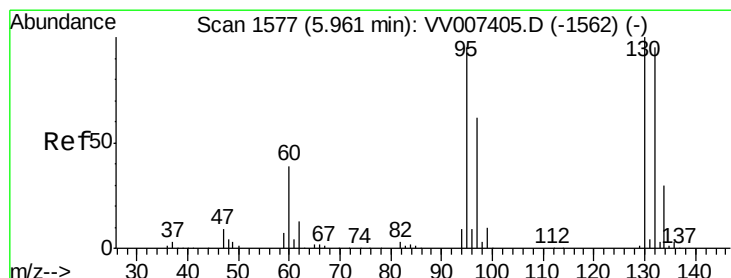
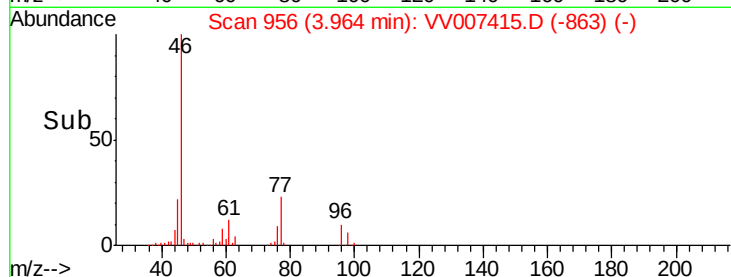
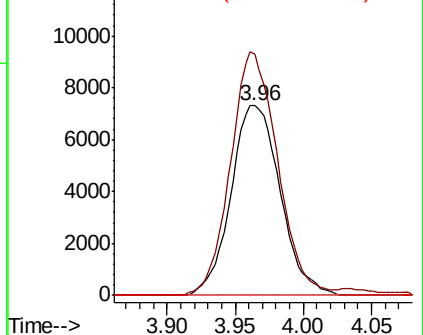
#20
 cis-1,2-Dichloroethene
 Concen: 4.50 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV007415.D
 Acq: 06 Sep 2018 04:43

Instrument :
 MSVOA_V
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Tot Ion: 96 Resp: 18350
 Ion Ratio Lower Upper
 96 100
 61 126.9 86.8 161.2
 68 0.0 0.0 0.0

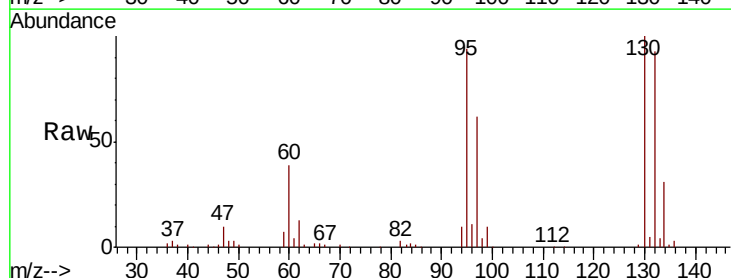


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

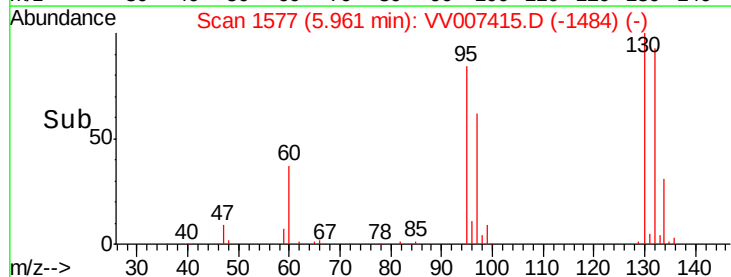
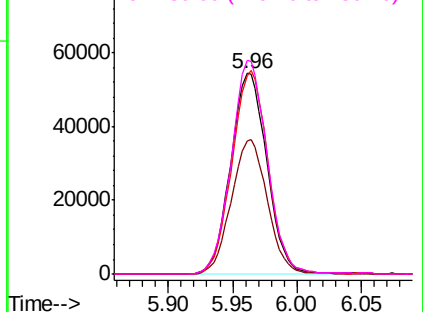


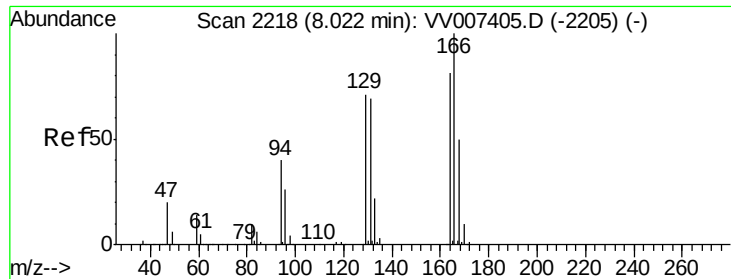
#34
 Trichloroethene
 Concen: 25.82 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VV007415.D
 Acq: 06 Sep 2018 04:43

Tgt Ion: 95 Resp: 106712
 Ion Ratio Lower Upper
 95 100
 97 66.3 46.1 85.7
 132 99.1 70.8 131.6
 130 106.5 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 1331.89 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007415.D

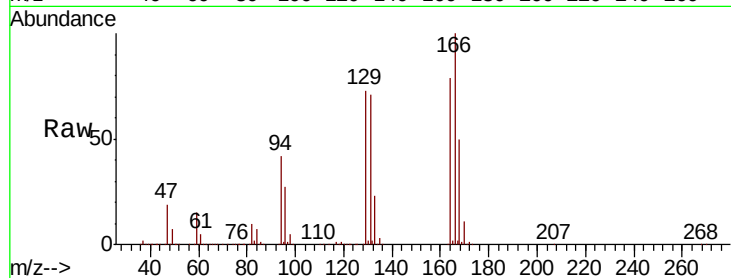
Acq: 06 Sep 2018 04:43

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ClientSampleId :

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Tot Ion:164 Resp: 4425970

Ion Ratio Lower Upper

164 100

129 91.9 63.9 118.7

131 89.0 62.6 116.2

166 126.0 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

