

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007350.D
 Acq On : 05 Sep 2018 00:56
 Operator : SY/MD
 Sample : J4695-05
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE46

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	531691	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	509005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172577	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.88%
7) Chloroethane-d5	1.57	69	125646	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	239366	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	3.96	46	260782	84.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.42%
24) Chloroform-d	4.41	84	354243	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.09	65	222220	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.11	84	717257	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
36) 1,2-Dichloropropane-d6	6.12	67	237435	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.36%
41) Toluene-d8	7.37	98	577386	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.67	79	93581	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.46%
47) 2-Hexanone-d5	8.14	63	160054	79.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	304319	43.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	210365	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

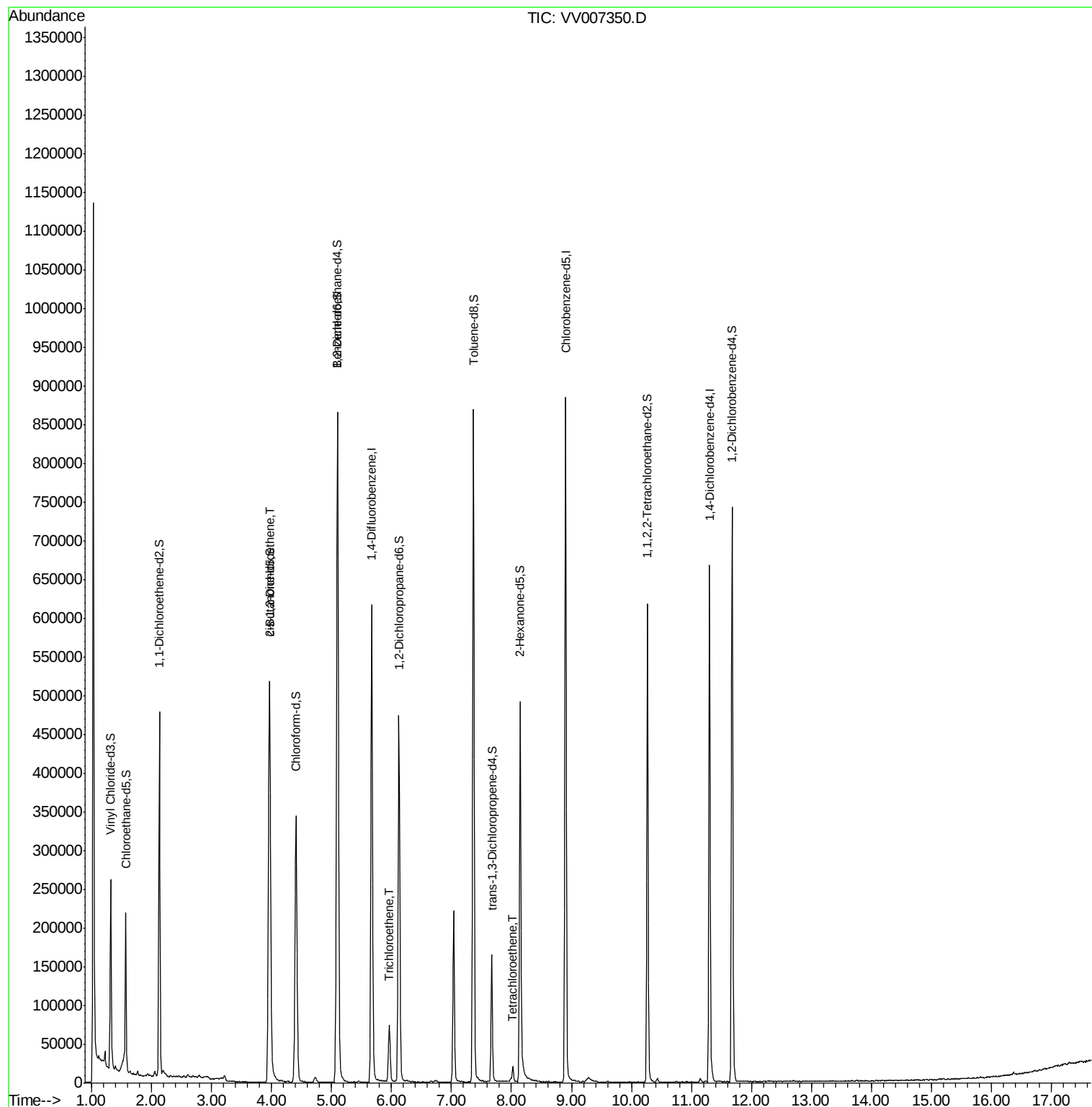
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.97	96	210938	49.97	ug/L	98
34) Trichloroethene	5.96	95	23343	5.87	ug/L	95
46) Tetrachloroethene	8.02	164	4601	1.44	ug/L	97

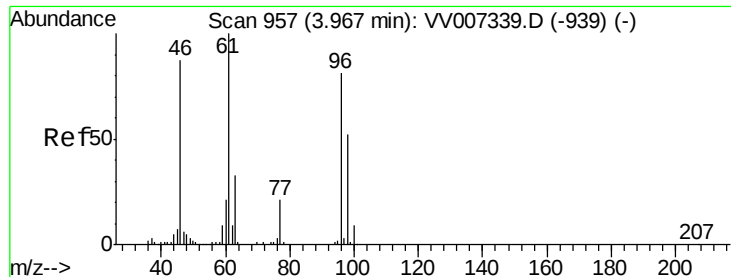
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 49.97 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007350.D

Acq: 05 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

BEE46

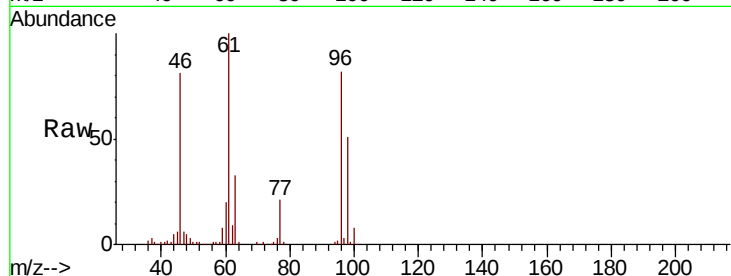
Tot Ion: 96 Resp: 210938

Ion Ratio Lower Upper

96 100

61 122.2 86.8 161.2

68 0.0 0.0 0.0

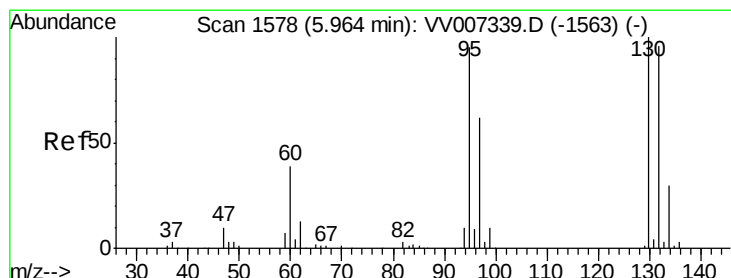
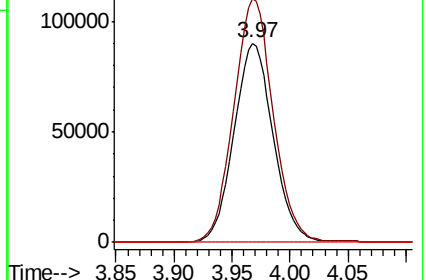
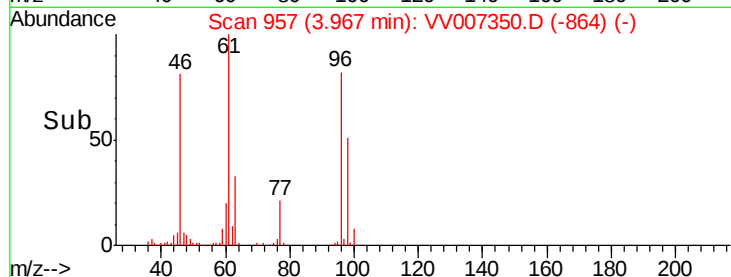


Abundance Ion 96.00 (95.70 to 96.70): VV007339.D (-939) (-)

Ion 61.00 (60.70 to 61.70): VV007339.D (-939) (-)

Ion 68.00 (67.70 to 68.70): VV007339.D (-939) (-)

Time-->



#34

Trichloroethene

Concen: 5.87 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007350.D

Acq: 05 Sep 2018 00:56

Tgt Ion: 95 Resp: 23343

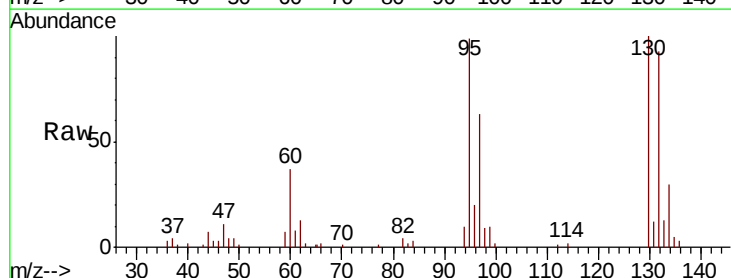
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.7

132 93.5 70.8 131.6

130 100.7 73.9 137.3



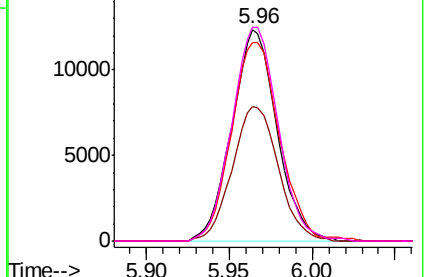
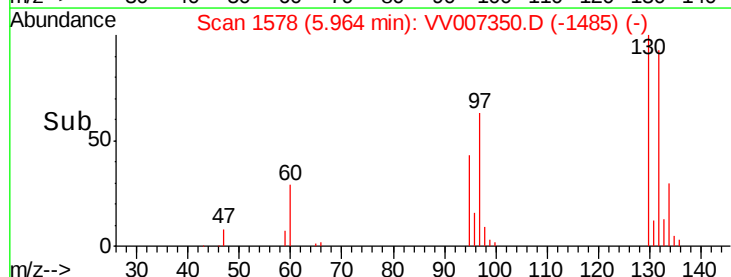
Abundance Ion 95.00 (94.70 to 95.70): VV007339.D (-1563) (-)

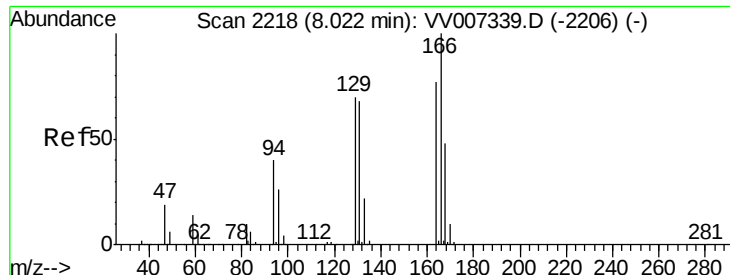
Ion 97.00 (96.70 to 97.70): VV007339.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VV007339.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VV007339.D (-1563) (-)

Time-->





#46

Tetrachloroethene

Concen: 1.44 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007350.D

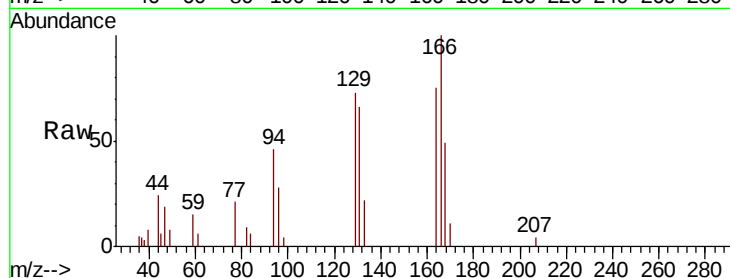
Acq: 05 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

BEE46



Tot Ion:164 Resp: 4601

Ion Ratio Lower Upper

164 100

129 97.8 63.9 118.7

131 87.4 62.6 116.2

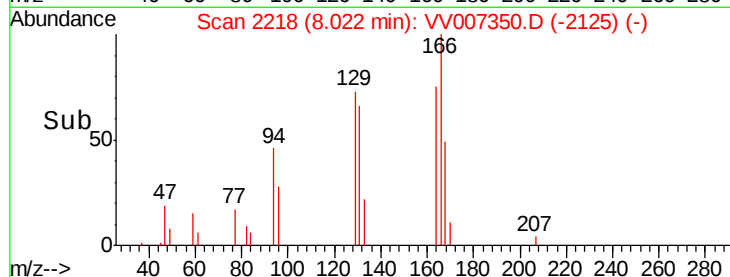
166 133.3 91.6 170.2

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



Time-->