

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007345.D
 Acq On : 04 Sep 2018 22:52
 Operator : SY/MD
 Sample : J4665-18
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 05 01:35:21 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	507714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	485709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	190584	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169261	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.34%
7) Chloroethane-d5	1.57	69	126313	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.34%
11) 1,1-Dichloroethene-d2	2.13	63	228283	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	3.96	46	286655	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.41	84	342012	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
26) 1,2-Dichloroethane-d4	5.09	65	215431	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.11	84	690358	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.12	67	231928	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.37	98	551864	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.67	79	92028	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.08%
47) 2-Hexanone-d5	8.14	63	188347	97.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	313755	46.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	214853	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

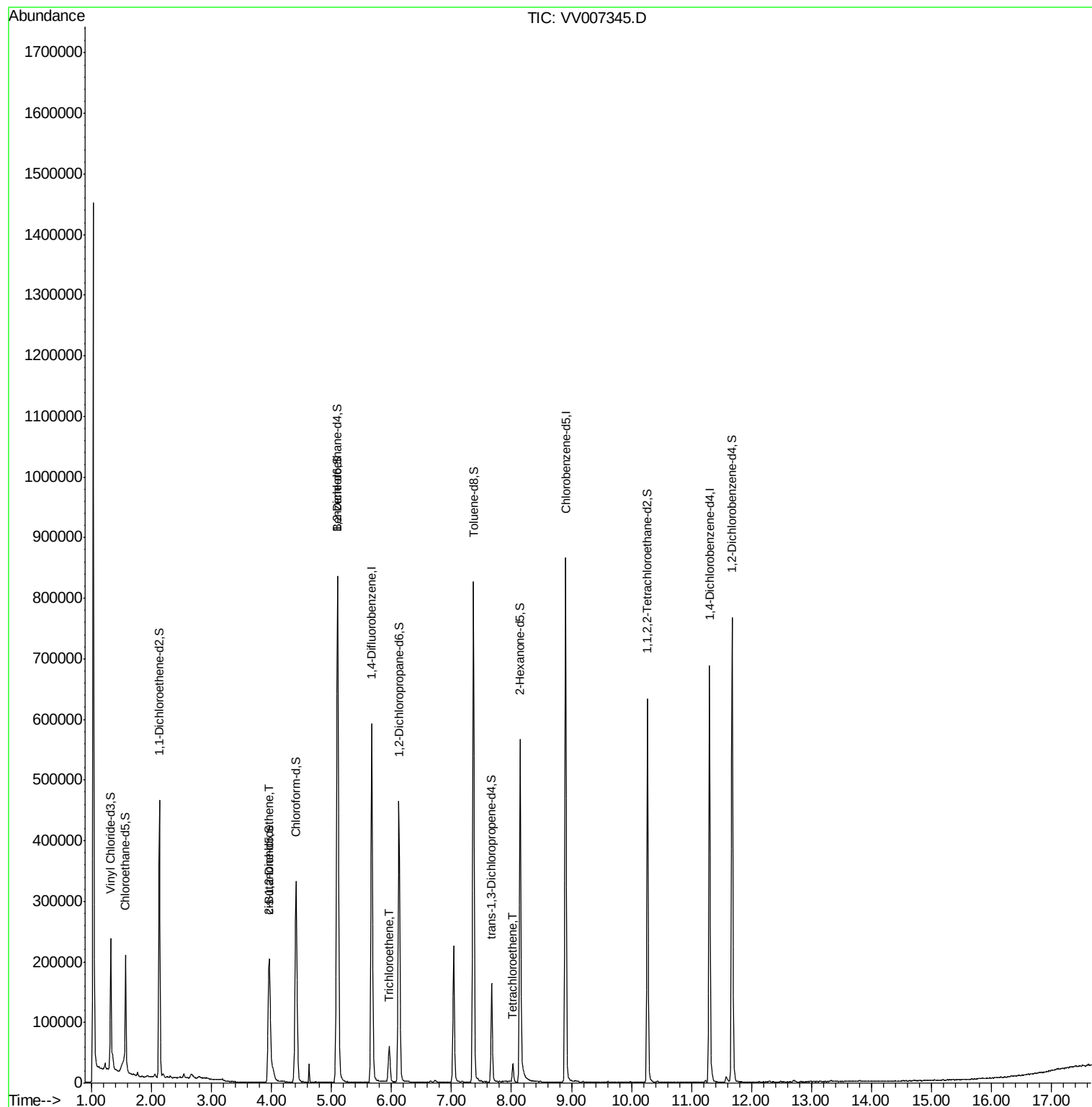
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.97	96	19552	4.85	ug/L	89
34) Trichloroethene	5.97	95	16933	4.46	ug/L	94
46) Tetrachloroethene	8.02	164	6786	2.23	ug/L	95

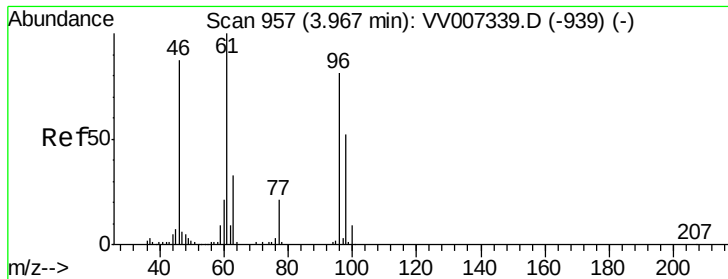
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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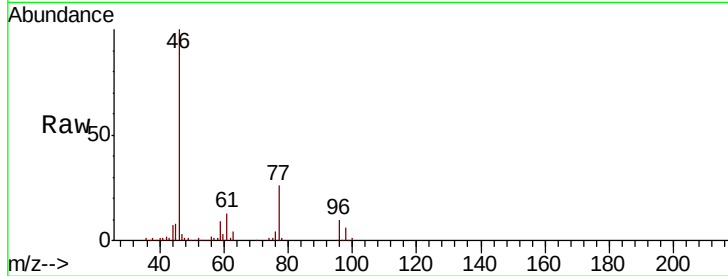


#20

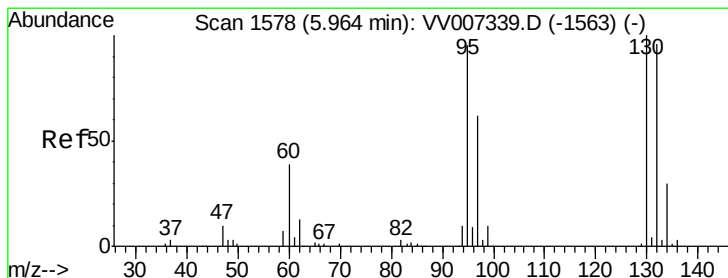
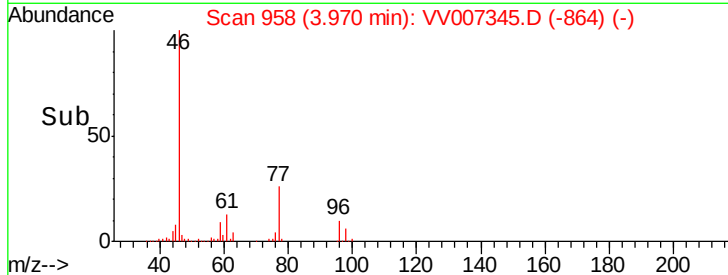
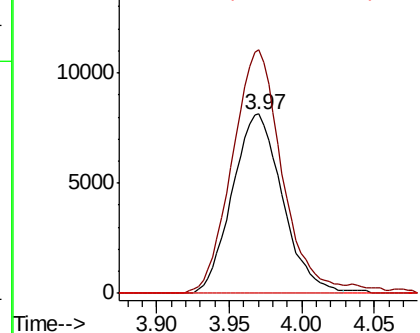
cis-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV007345.D
Acq: 04 Sep 2018 22:52

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 96 Resp: 19552
Ion Ratio Lower Upper
96 100
61 136.0 86.8 161.2
68 0.0 0.0 0.0



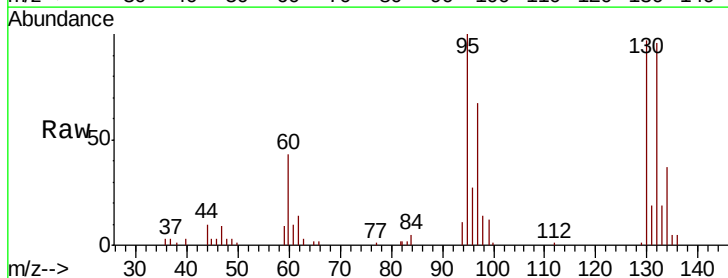
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



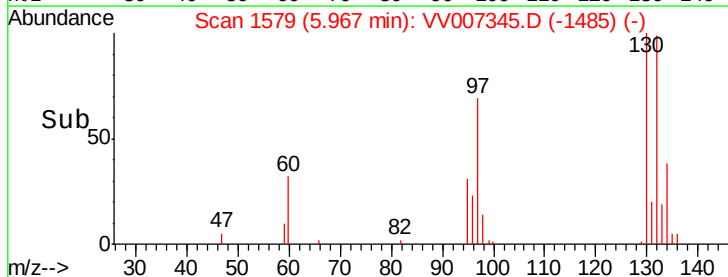
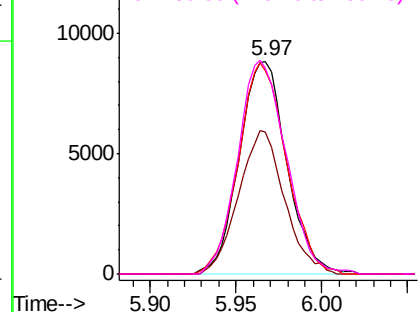
#34

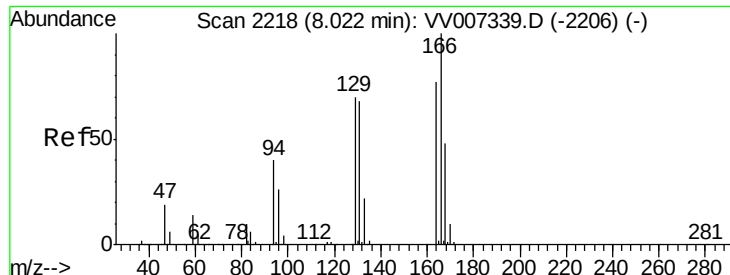
Trichloroethene
Concen: 4.46 ug/L
RT: 5.97 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VV007345.D
Acq: 04 Sep 2018 22:52

Tgt Ion: 95 Resp: 16933
Ion Ratio Lower Upper
95 100
97 66.9 46.1 85.7
132 95.9 70.8 131.6
130 96.6 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: 2.23 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007345.D

Acq: 04 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion:164 Resp: 6786

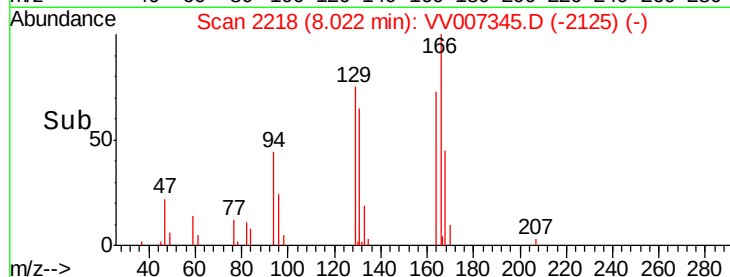
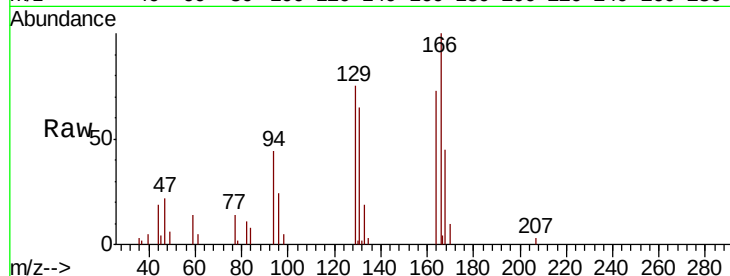
Ion Ratio Lower Upper

164 100

129 101.8 63.9 118.7

131 88.5 62.6 116.2

166 136.3 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

