

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018378.D
 Acq On : 21 Sep 2020 18:15
 Operator : SY/MD
 Sample : L4090-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY5

Quant Time: Sep 22 06:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288220	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84452	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.90%
7) Chloroethane-d5	1.58	69	75329	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.12	63	132468	30.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.48%
21) 2-Butanone-d5	3.92	46	118711	82.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.57%
24) Chloroform-d	4.38	84	168026	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.06	65	112140	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
32) Benzene-d6	5.08	84	336914	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
36) 1,2-Dichloropropane-d6	6.10	67	110620	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.80%
41) Toluene-d8	7.34	98	297507	40.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.46%
43) trans-1,3-Dichloropropene-	7.64	79	53123	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
47) 2-Hexanone-d5	8.11	63	76432	78.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132680	41.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128992	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

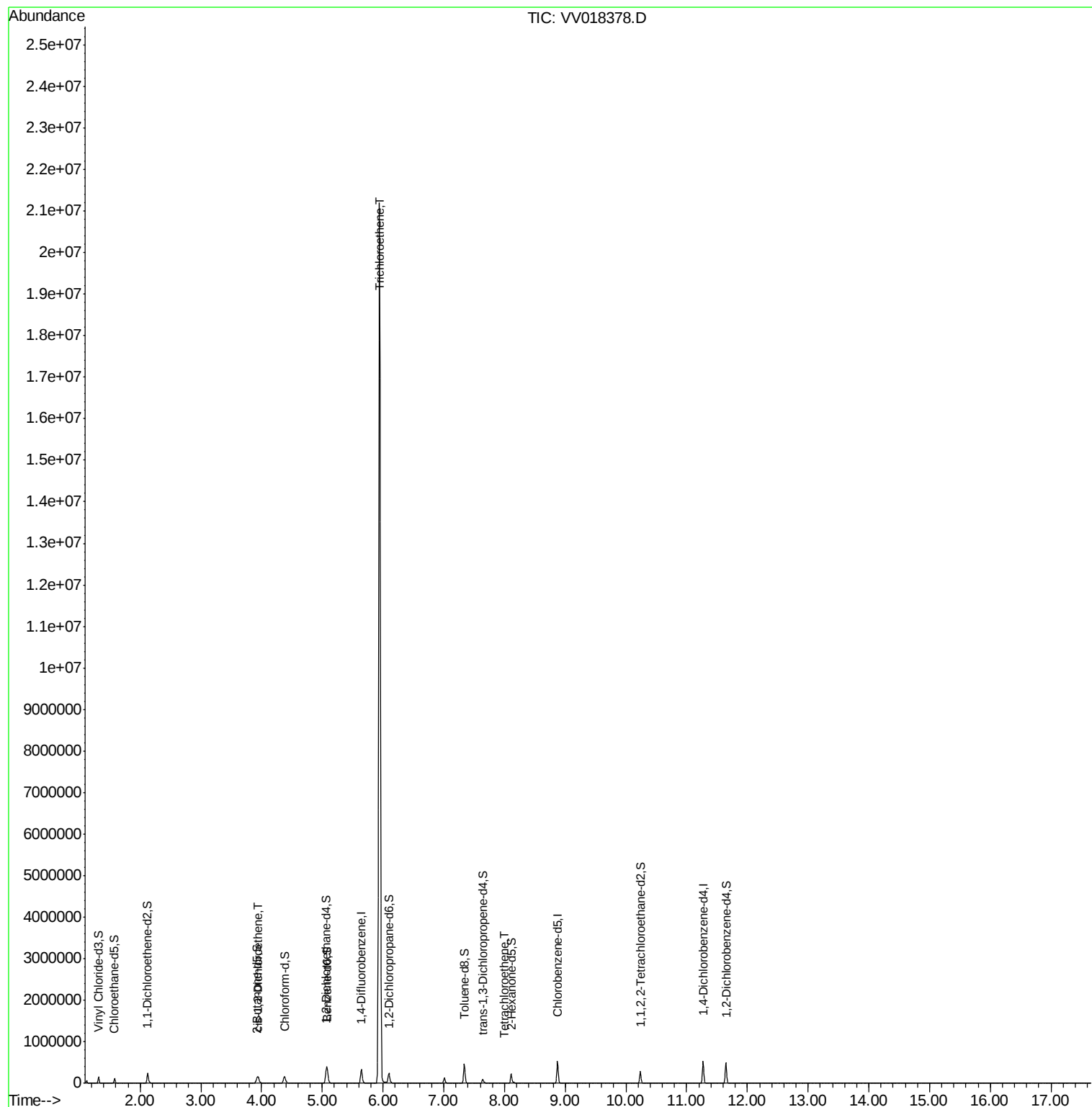
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	68129	32.678 ug/L	97
34) Trichloroethene	5.94	95	7314525	3313.105 ug/L	99
46) Tetrachloroethene	8.00	164	1955	1.129 ug/L	95

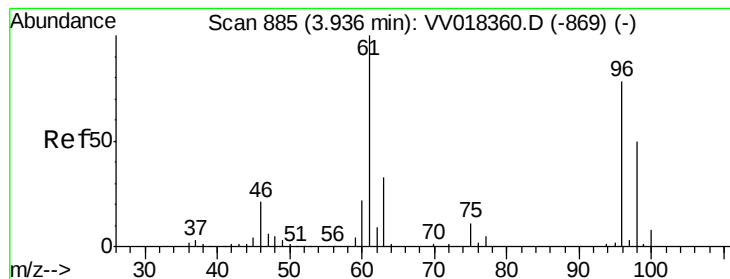
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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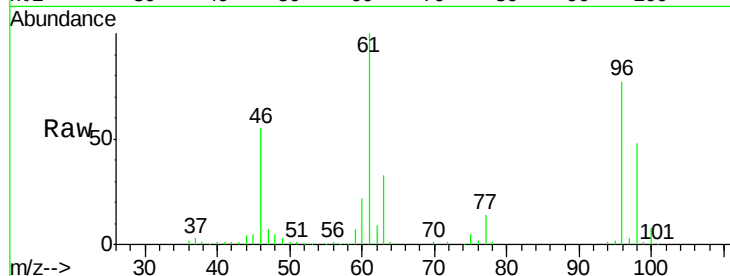


#20

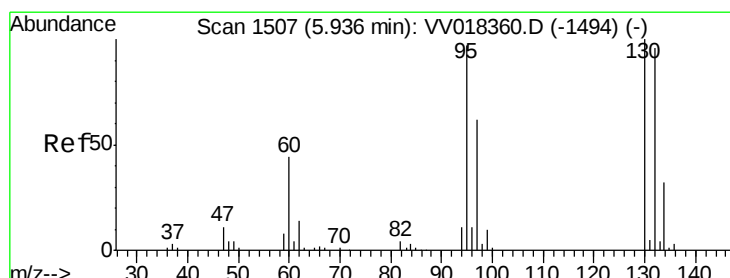
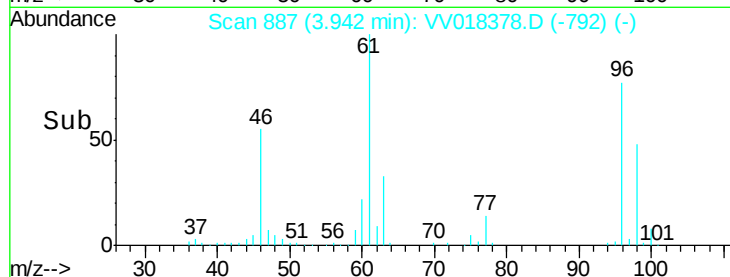
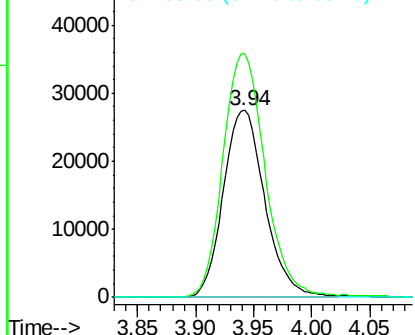
cis-1,2-Dichloroethene
 Concen: 32.678 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018378.D
 Acq: 21 Sep 2020 18:15

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion: 96 Resp: 68129
 Ion Ratio Lower Upper
 96 100
 61 130.0 93.6 173.8
 68 0.0 0.0 0.0



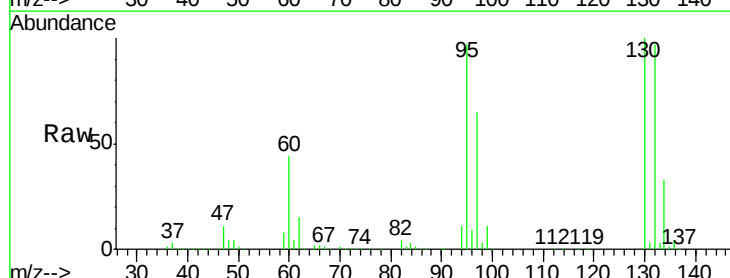
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



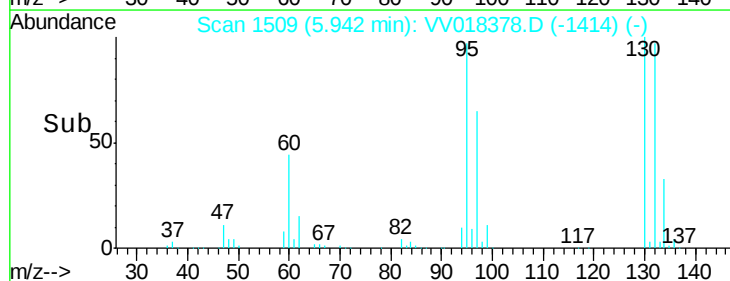
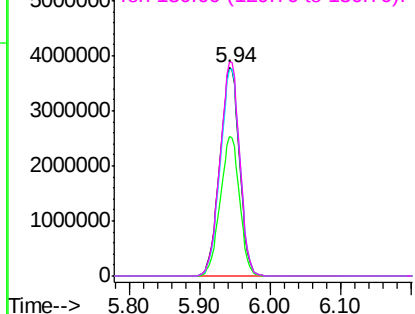
#34

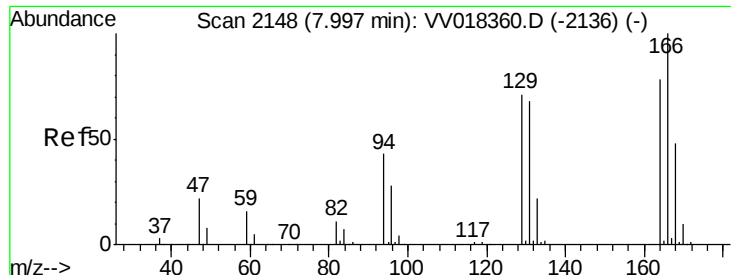
Trichloroethene
 Concen: 3313.105 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018378.D
 Acq: 21 Sep 2020 18:15

Tgt Ion: 95 Resp: 7314525
 Ion Ratio Lower Upper
 95 100
 97 66.8 46.3 85.9
 132 99.2 68.1 126.5
 130 102.6 71.5 132.9



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: 1.129 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018378.D

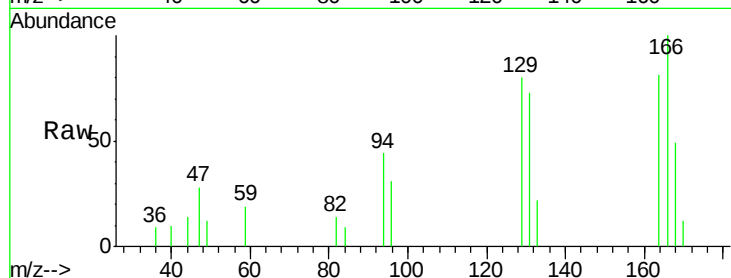
Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

BFWY5



Tot Ion:164 Resp: 1955

Ion Ratio Lower Upper

164 100

129 99.3 64.5 119.7

131 89.9 61.8 114.8

166 123.5 90.6 168.2

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

