

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018862.D
 Acq On : 12 Oct 2020 17:29
 Operator : SY/MD
 Sample : L4287-04DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2DL

Quant Time: Oct 13 02:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	134720	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.58	69	105753	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.12	63	194756	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.90	46	169574	94.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.37	84	212614	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.05	65	153896	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
32) Benzene-d6	5.07	84	436832	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.09	67	140553	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.34%
41) Toluene-d8	7.34	98	382833	40.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.38%
43) trans-1,3-Dichloropropene-	7.64	79	64958	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
47) 2-Hexanone-d5	8.11	63	92771	75.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147024	36.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	155146	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%

Target Compounds

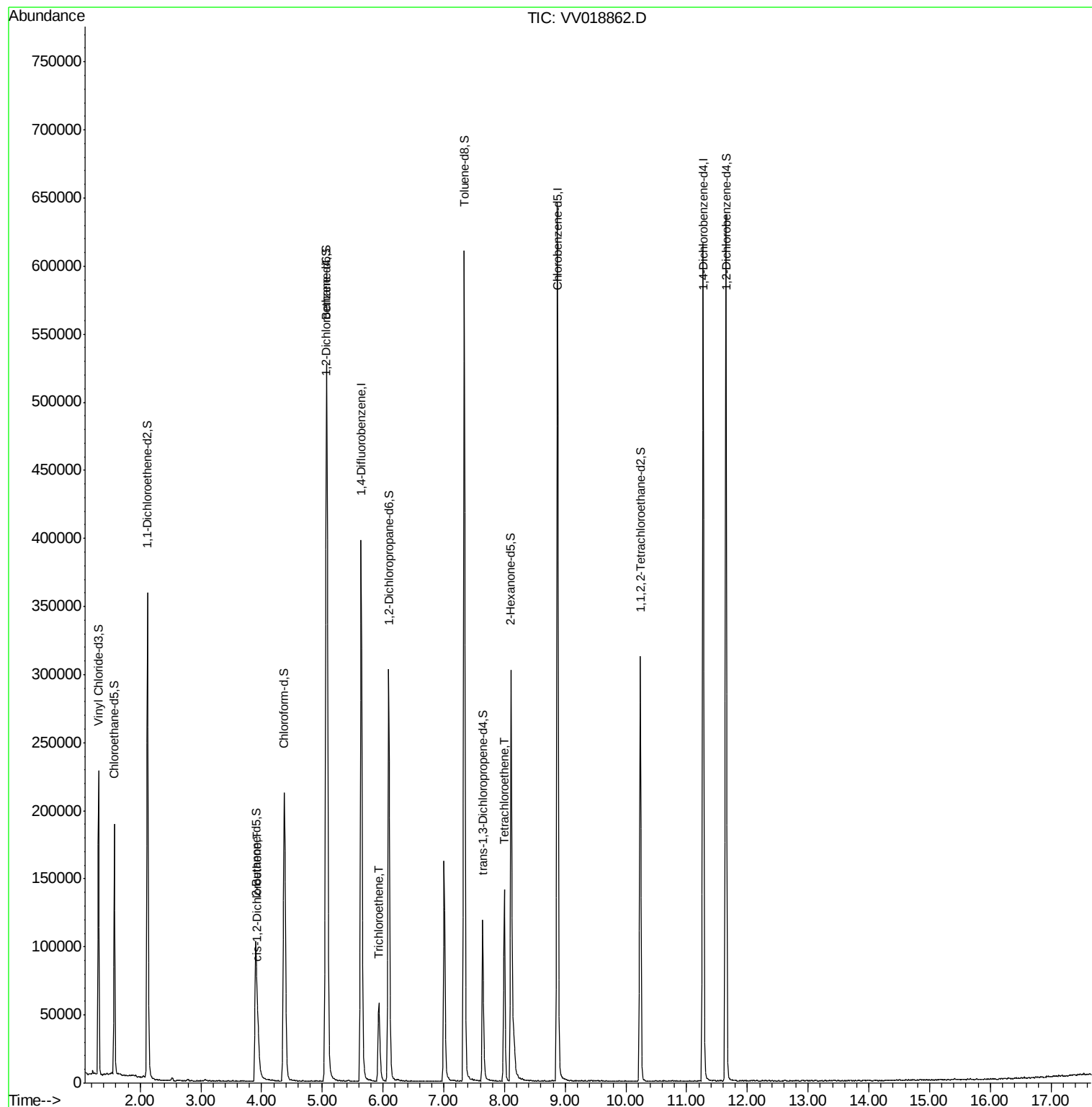
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	10018	4.020 ug/L	97
34) Trichloroethene	5.94	95	8057	2.646 ug/L	96
46) Tetrachloroethene	8.00	164	31433	14.088 ug/L	100

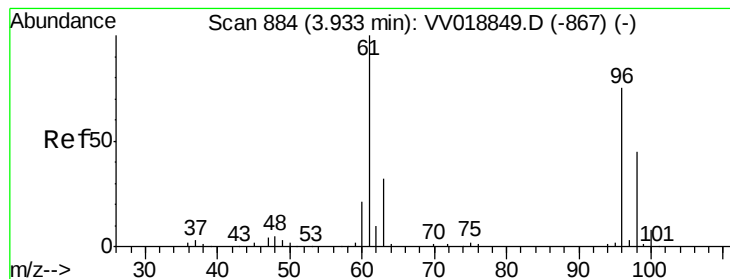
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 4.020 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018862.D

Acq: 12 Oct 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

C0AK2DL

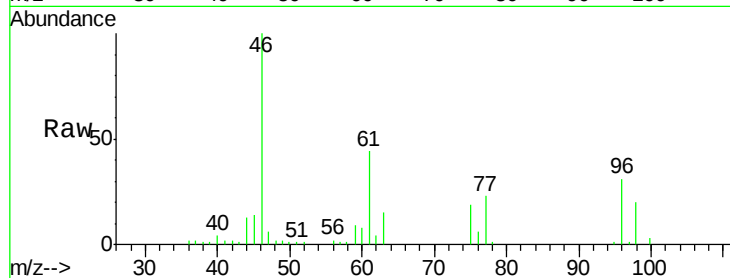
Tot Ion: 96 Resp: 10018

Ion Ratio Lower Upper

96 100

61 142.4 97.3 180.7

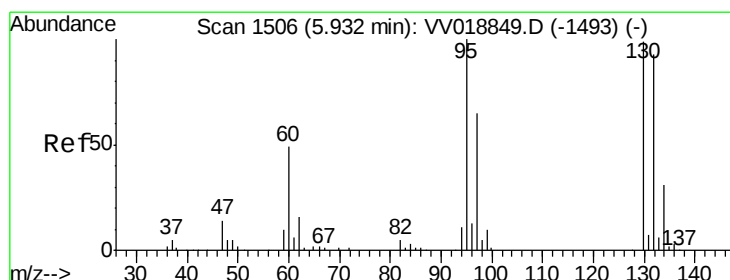
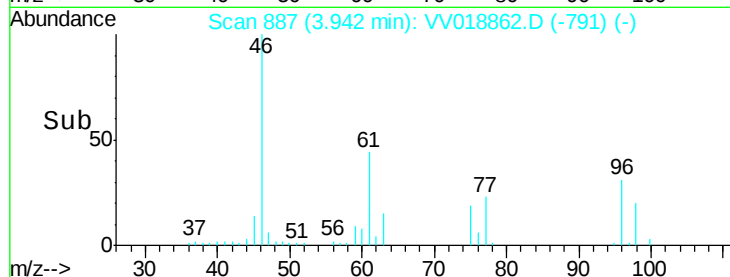
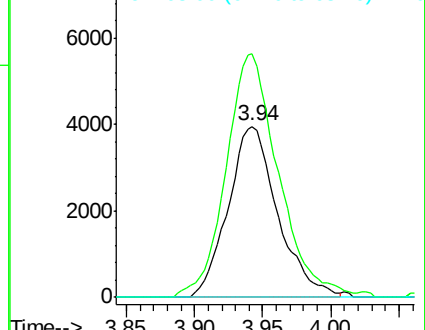
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018849.D (-867) (-)

Ion 61.00 (60.70 to 61.70): VV018849.D (-867) (-)

Ion 68.00 (67.70 to 68.70): VV018849.D (-867) (-)



#34

Trichloroethene

Concen: 2.646 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018862.D

Acq: 12 Oct 2020 17:29

Tgt Ion: 95 Resp: 8057

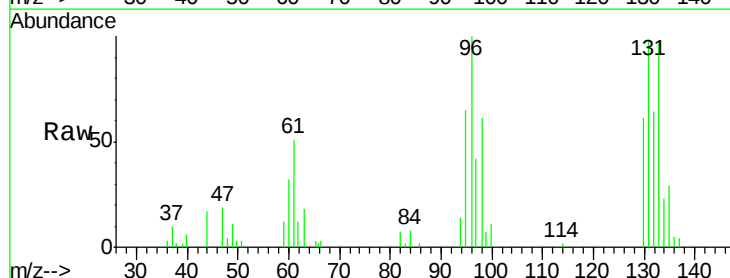
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.9

132 98.5 66.2 123.0

130 93.4 69.1 128.3

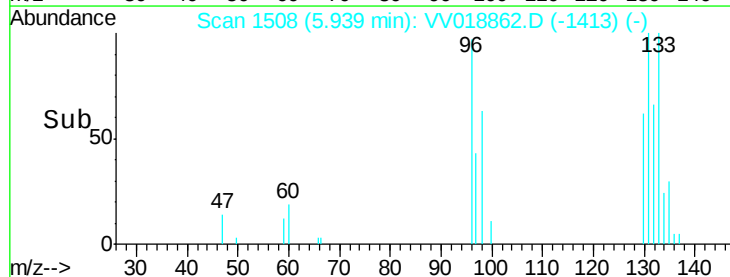
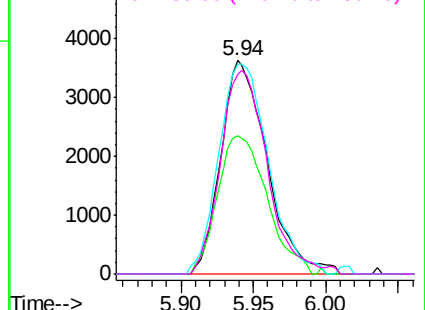


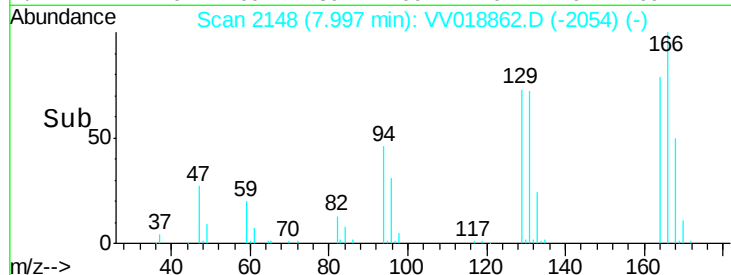
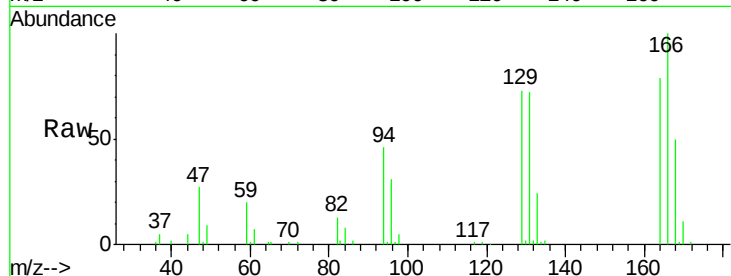
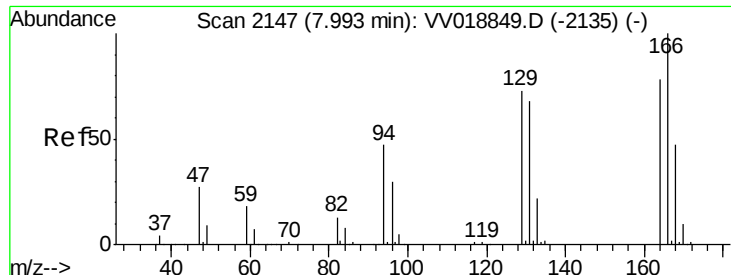
Abundance Ion 95.00 (94.70 to 95.70): VV018849.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018849.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018849.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018849.D (-1493) (-)





#46

Tetrachloroethene

Concen: 14.088 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Acq: 12 Oct 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

C0AK2DL

Tot Ion:164 Resp: 31433

Ion Ratio Lower Upper

164 100

129 91.9 64.6 120.0

131 90.7 63.6 118.0

166 126.1 88.3 164.1

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

