

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018992.D
 Acq On : 20 Oct 2020 02:20
 Operator : SY/MD
 Sample : L4430-06DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB5DL

Quant Time: Oct 20 06:48:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276852	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90013	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	84379	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.46%
11) 1,1-Dichloroethene-d2	2.12	63	142423	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	3.90	46	166747	104.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.97%
24) Chloroform-d	4.37	84	181202	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.06	65	132220	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.07	84	341234	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
36) 1,2-Dichloropropane-d6	6.09	67	135150	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.34	98	298634	40.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.86%
43) trans-1,3-Dichloropropene-	7.64	79	54943	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.11	63	83855	85.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129162	41.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	126693	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

Target Compounds

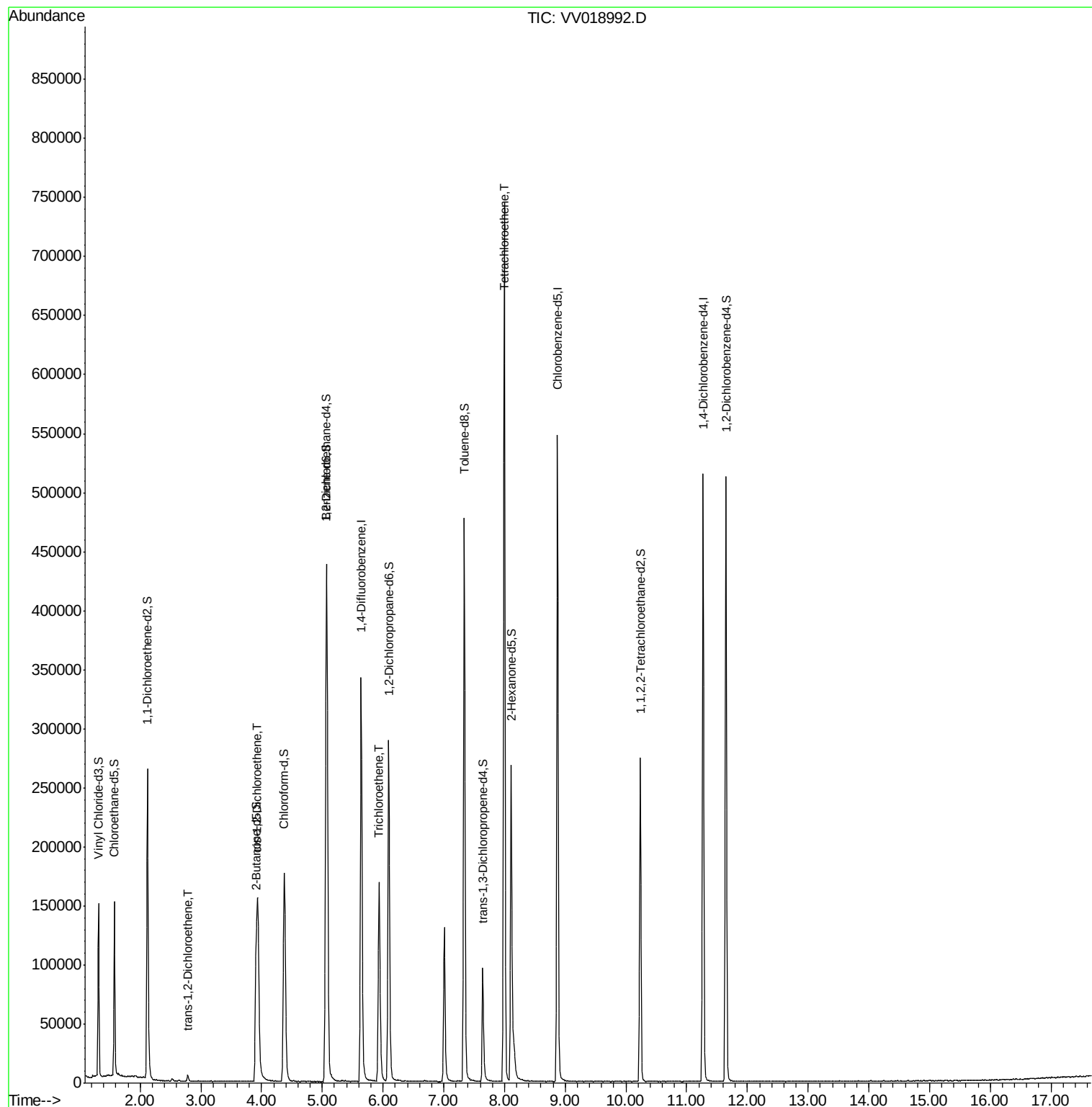
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	1649	0.816 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	64946	30.329 ug/L	99
34) Trichloroethene	5.94	95	49757	19.959 ug/L	97
46) Tetrachloroethene	8.00	164	161933	92.167 ug/L	98

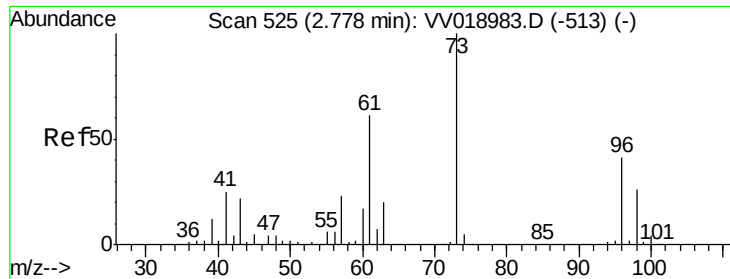
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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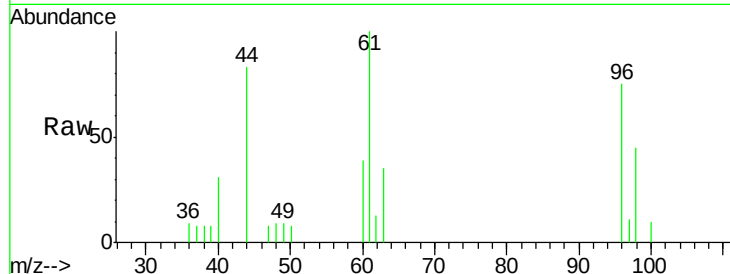




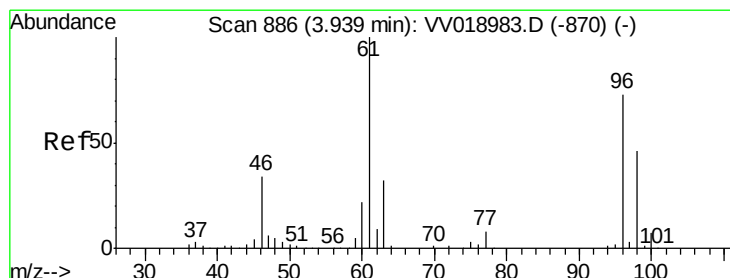
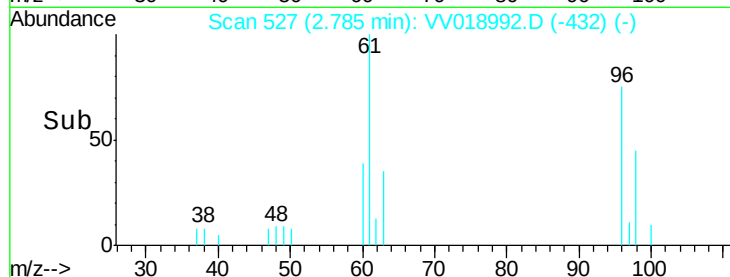
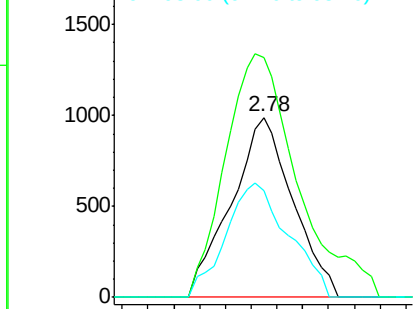
#17
trans-1,2-Dichloroethene
Concen: 0.816 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018992.D
Acq: 20 Oct 2020 02:20

Instrument :
MSVOA_V
ClientSampleId :
C0AB5DL

Tot Ion: 96 Resp: 1649
Ion Ratio Lower Upper
96 100
61 133.5 102.8 190.8
98 59.4 44.0 81.6

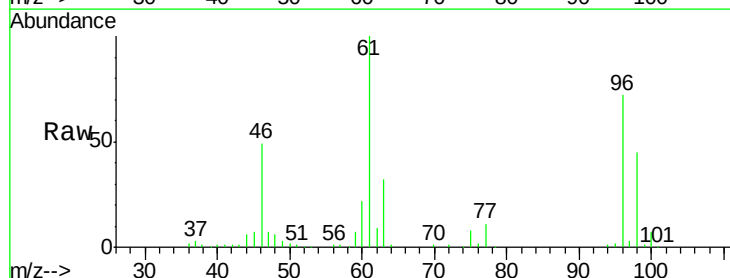


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

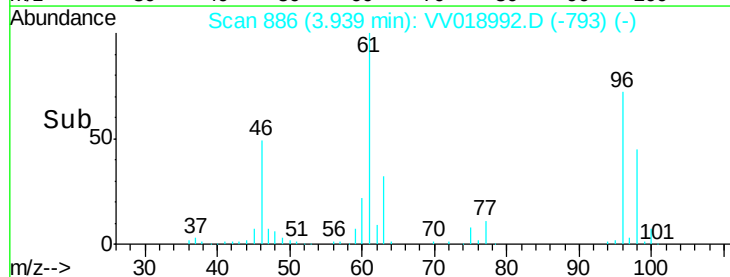
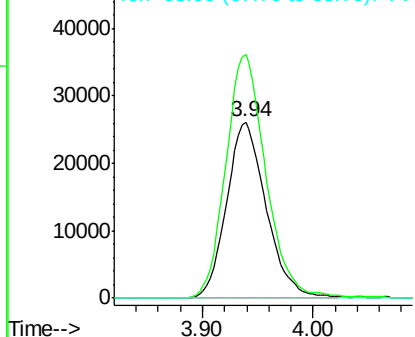


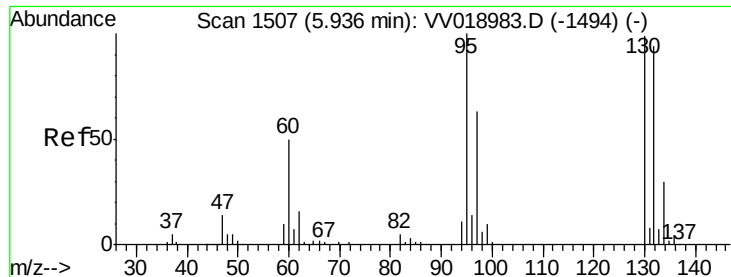
#20
cis-1,2-Dichloroethene
Concen: 30.329 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV018992.D
Acq: 20 Oct 2020 02:20

Tgt Ion: 96 Resp: 64946
Ion Ratio Lower Upper
96 100
61 138.4 96.1 178.5
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: 19.959 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018992.D

Acq: 20 Oct 2020 02:20

Instrument :

MSVOA_V

ClientSampled :

C0AB5DL

Tot Ion: 95 Resp: 49757

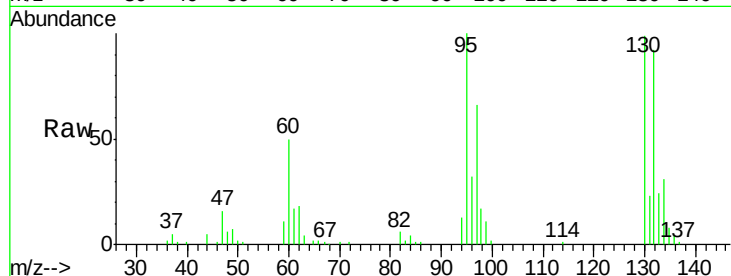
Ion Ratio Lower Upper

95 100

97 65.6 44.7 82.9

132 92.3 67.0 124.4

130 98.7 70.8 131.6

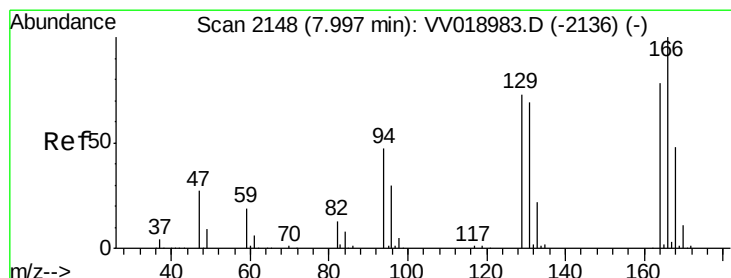
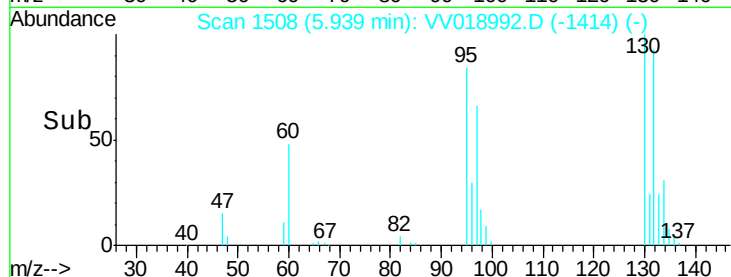
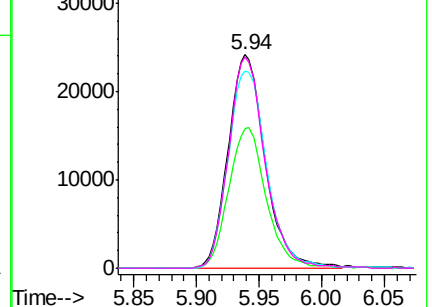


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 92.167 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018992.D

Acq: 20 Oct 2020 02:20

Tgt Ion: 164 Resp: 161933

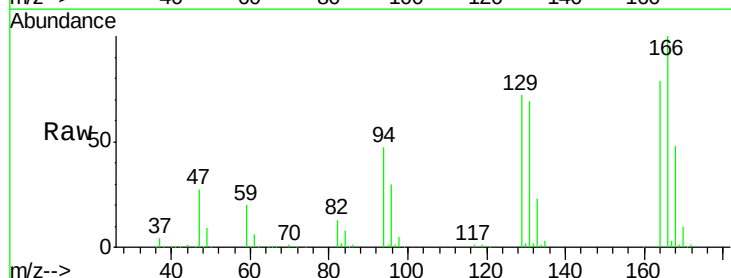
Ion Ratio Lower Upper

164 100

129 92.2 65.0 120.8

131 88.4 62.9 116.7

166 127.3 91.1 169.3



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

