

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018131.D
 Acq On : 28 Aug 2020 12:03
 Operator : SY/MD
 Sample : L3800-21DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3DL

Quant Time: Aug 29 01:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131231	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85335	40.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.82%
7) Chloroethane-d5	1.58	69	77692	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.12	63	135454	33.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.90%
21) 2-Butanone-d5	3.91	46	125708	92.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.01%
24) Chloroform-d	4.38	84	169454	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
26) 1,2-Dichloroethane-d4	5.06	65	118217	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
32) Benzene-d6	5.08	84	343393	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.09	67	114474	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.34	98	300496	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%
43) trans-1,3-Dichloropropene-	7.64	79	51225	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.11	63	64241	82.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.25%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	139099	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	130783	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%

Target Compounds

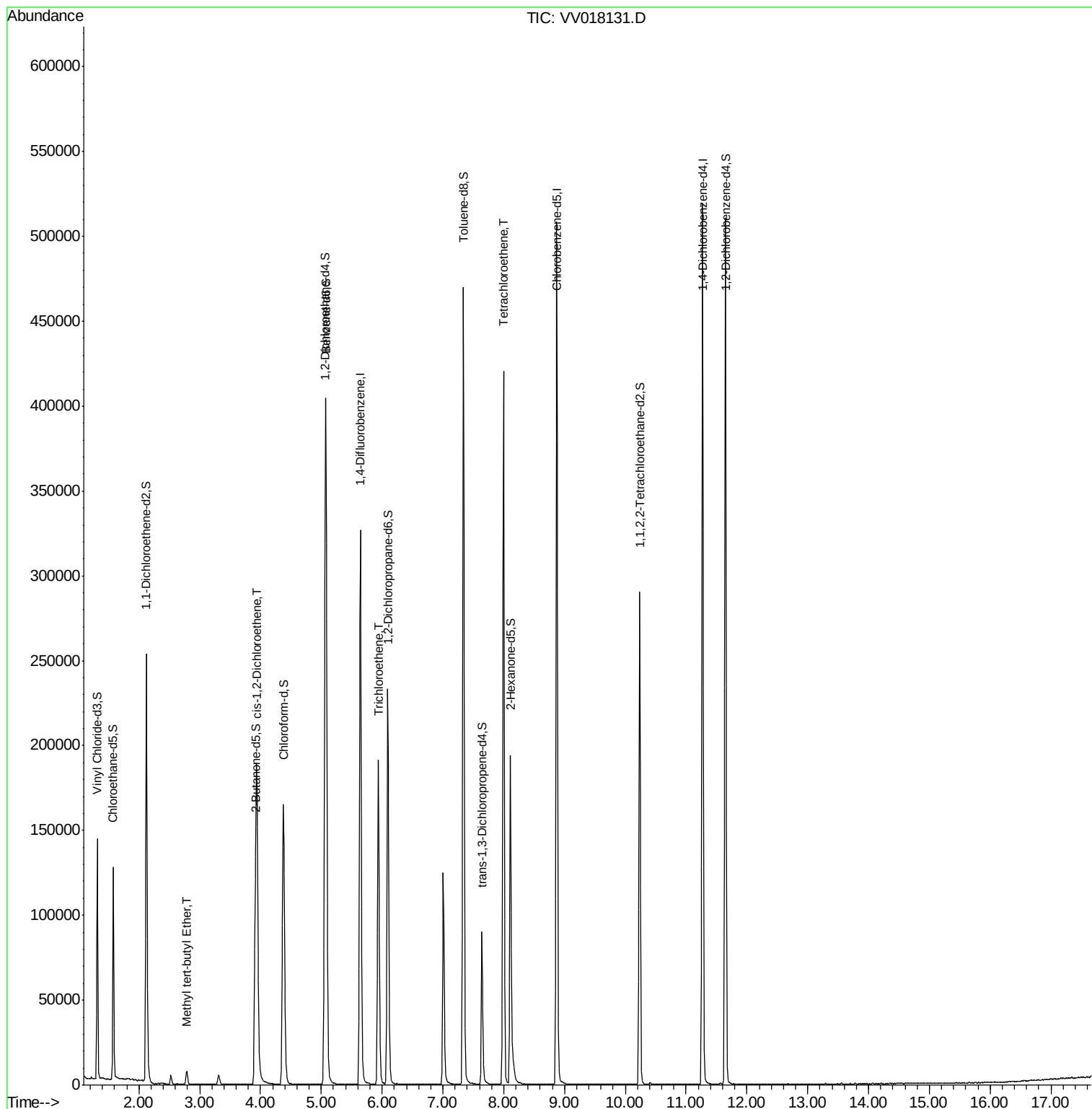
					Ovalue
18) Methyl tert-butyl Ether	2.79	73	6239	1.001	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	88638	42.786	ug/L 98
34) Trichloroethene	5.94	95	64021	28.979	ug/L 98
46) Tetrachloroethene	8.00	164	95128	58.713	ug/L 99

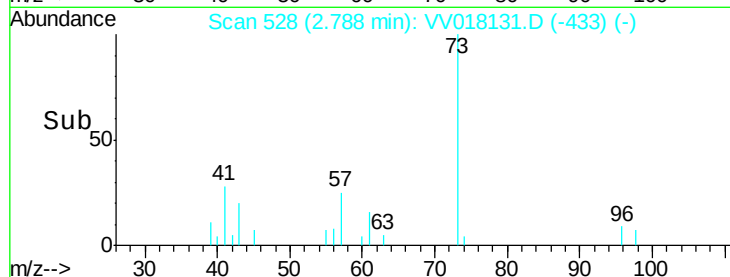
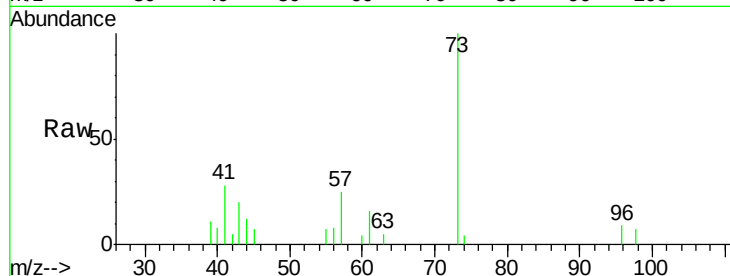
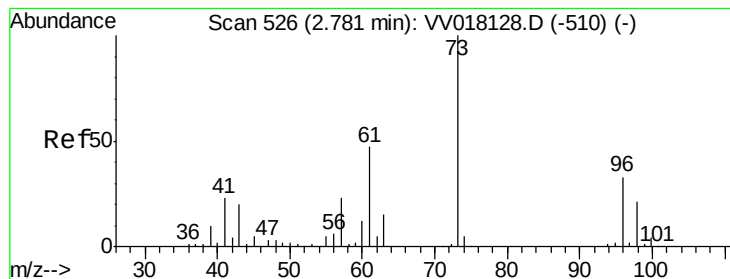
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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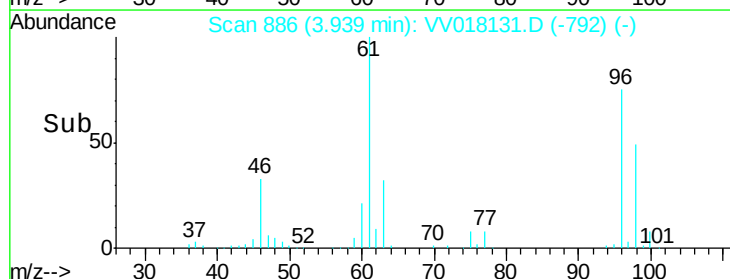
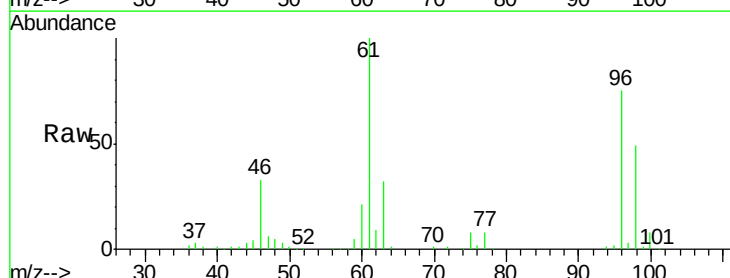
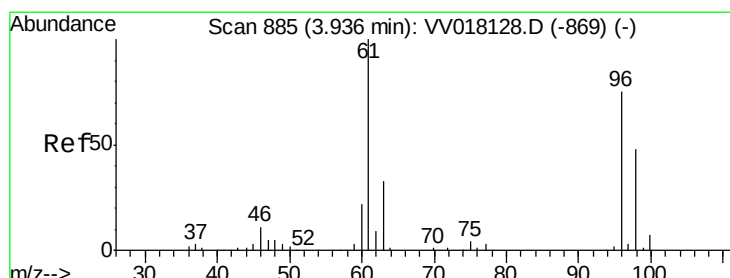
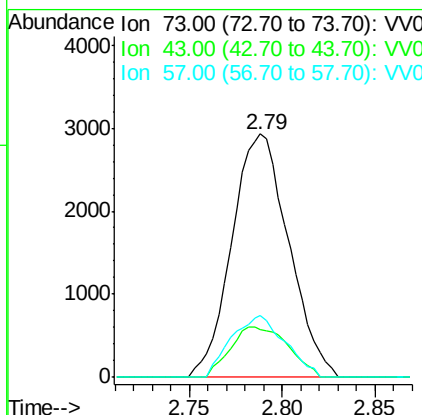


#18

Methyl tert-butyl Ether
Concen: 1.001 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.01 min
Lab File: VV018131.D
Acq: 28 Aug 2020 12:03

Instrument :
MSVOA_V
ClientSampleId :
BG3J3DL

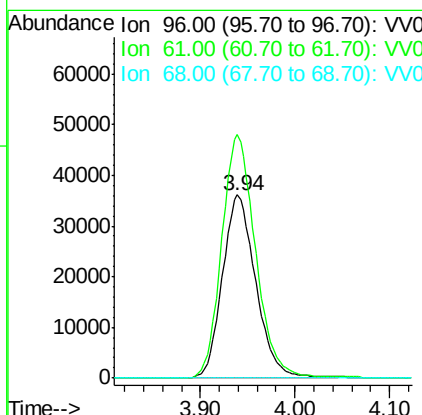
Tot Ion: 73 Resp: 6239
Ion Ratio Lower Upper
73 100
43 21.0 15.9 23.9
57 24.0 18.1 27.1

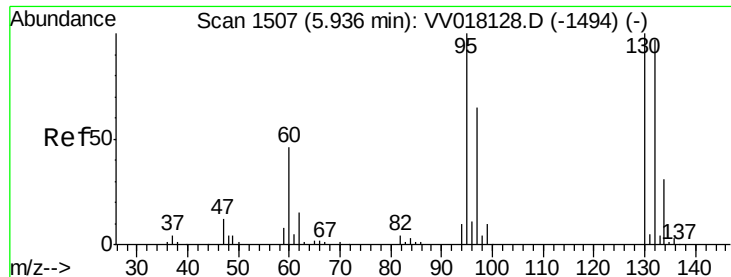


#20

cis-1,2-Dichloroethene
Concen: 42.786 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018131.D
Acq: 28 Aug 2020 12:03

Tgt Ion: 96 Resp: 88638
Ion Ratio Lower Upper
96 100
61 133.1 95.0 176.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 28.979 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018131.D

Acq: 28 Aug 2020 12:03

Instrument :

MSVOA_V

ClientSampled :

BG3J3DL

Tot Ion: 95 Resp: 64021

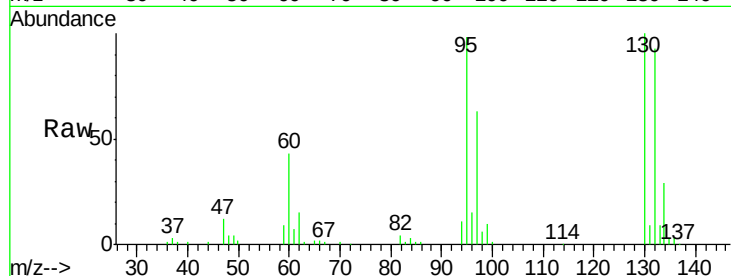
Ion Ratio Lower Upper

95 100

97 65.0 46.0 85.4

132 95.8 65.8 122.2

130 102.5 69.2 128.6



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

Time-->

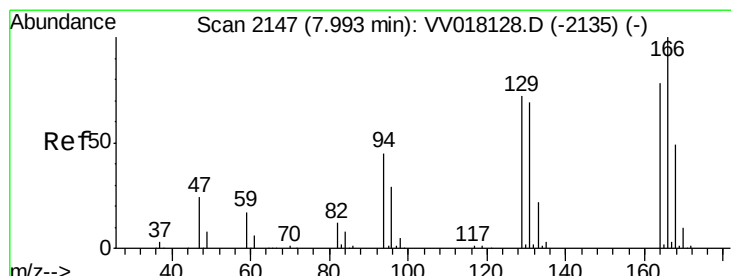
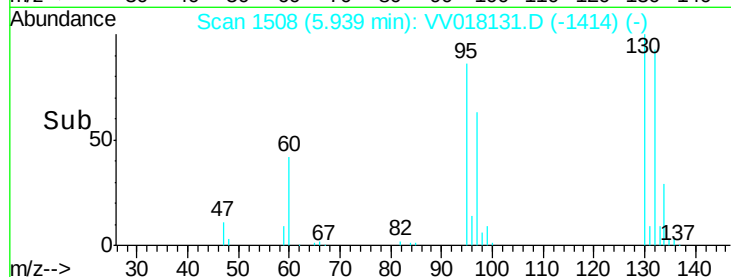
5.85 5.90 5.95 6.00 6.05

Abundance

5.94

Time-->

5.85 5.90 5.95 6.00 6.05



#46

Tetrachloroethene

Concen: 58.713 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018131.D

Acq: 28 Aug 2020 12:03

Tgt Ion: 164 Resp: 95128

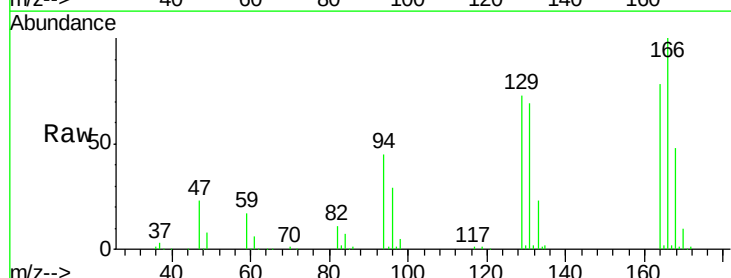
Ion Ratio Lower Upper

164 100

129 92.8 64.8 120.3

131 88.4 64.5 119.9

166 127.6 88.9 165.1



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

Time-->

7.95 8.00 8.05 8.10

Abundance

8.00

Time-->

7.95 8.00 8.05 8.10

