

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018130.D
 Acq On : 28 Aug 2020 11:39
 Operator : SY/MD
 Sample : L3800-17DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G4DL

Quant Time: Aug 29 00:52:59 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	275195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85404	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.34%
7) Chloroethane-d5	1.58	69	78194	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.12	63	135490	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.46%
21) 2-Butanone-d5	3.91	46	119624	86.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.98%
24) Chloroform-d	4.37	84	166185	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.05	65	115810	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.07	84	339686	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
36) 1,2-Dichloropropane-d6	6.09	67	111258	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.00%
41) Toluene-d8	7.33	98	296743	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloropropene-	7.64	79	50831	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.68%
47) 2-Hexanone-d5	8.11	63	62097	80.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.01%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	134873	42.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	128509	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds

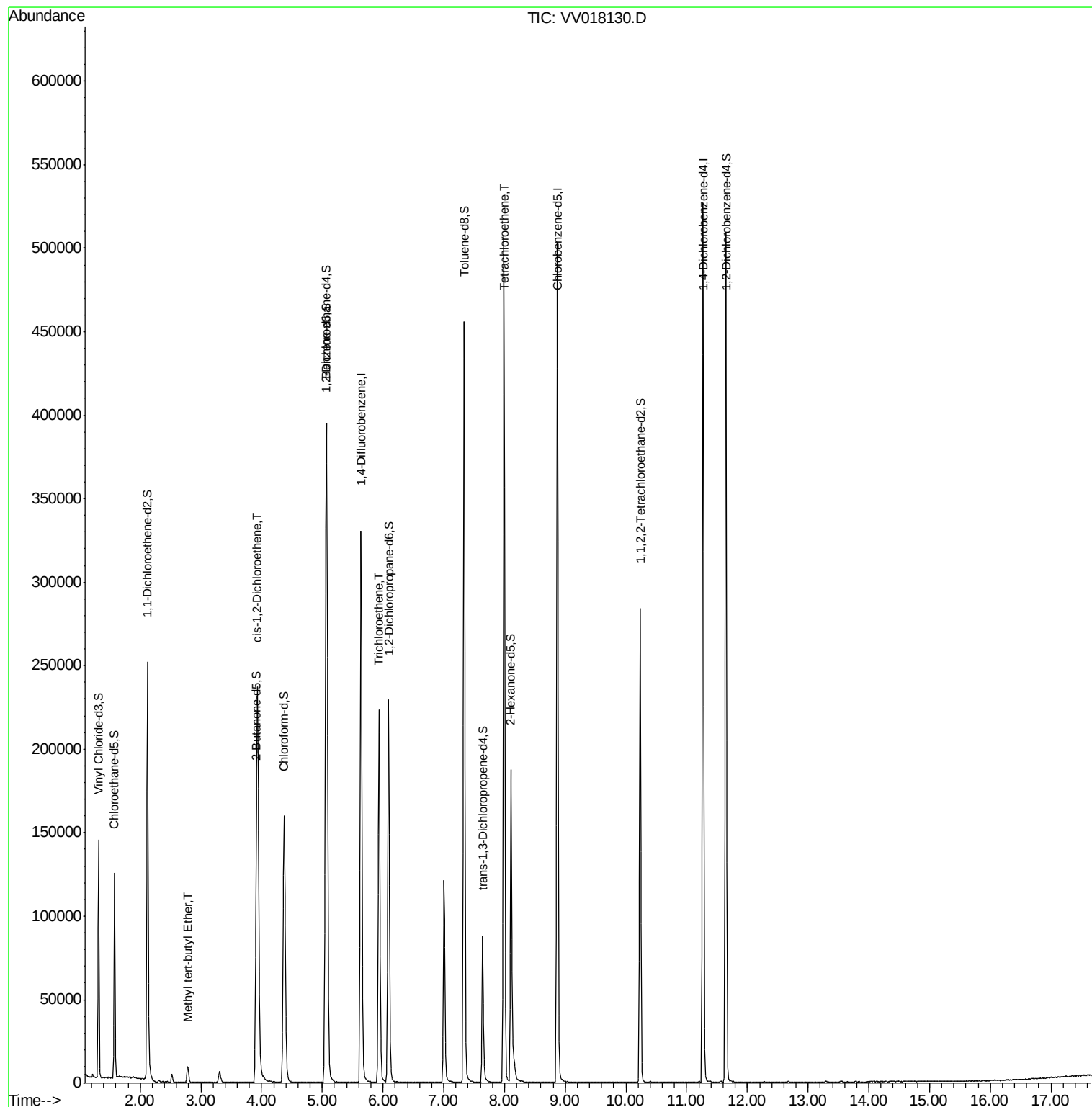
					Ovalue
18) Methyl tert-butyl Ether	2.78	73	8456	1.347 ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	112599	53.997 ug/L	97
34) Trichloroethene	5.94	95	76607	34.899 ug/L	97
46) Tetrachloroethene	7.99	164	113681	70.615 ug/L	98

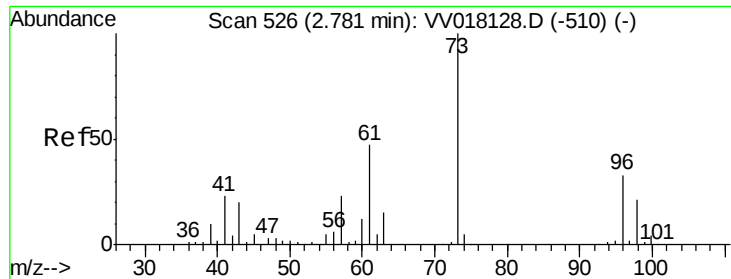
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082820\
Data File : VV018130.D
Acq On : 28 Aug 2020 11:39
Operator : SY/MD
Sample : L3800-17DL 4X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3G4DL

Quant Time: Aug 29 00:52:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 29 00:38:30 2020
Response via : Initial Calibration

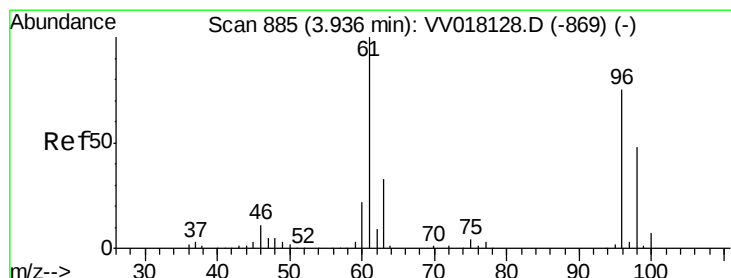
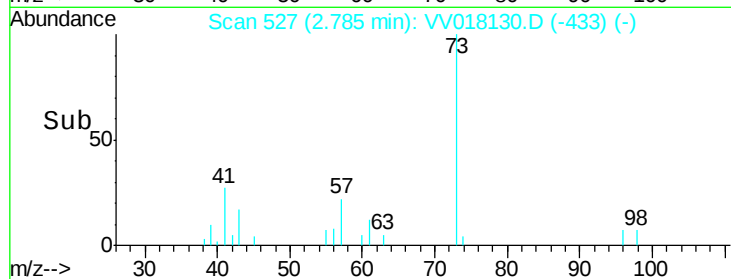
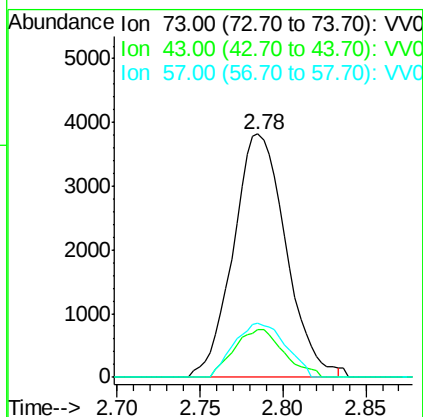
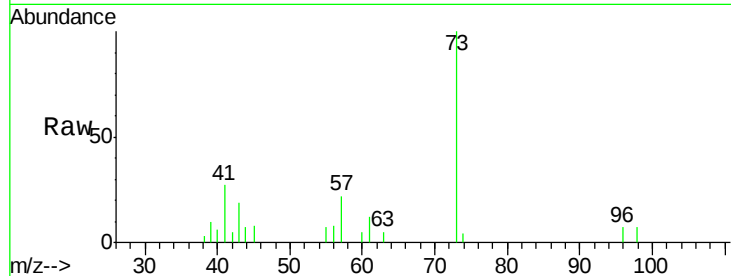




#18
Methvl tert-butvl Ether
Concen: 1.347 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018130.D
Acq: 28 Aug 2020 11:39

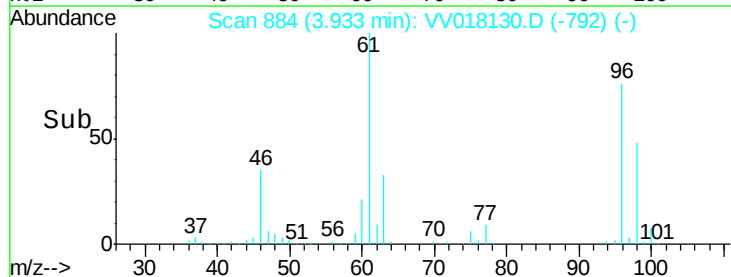
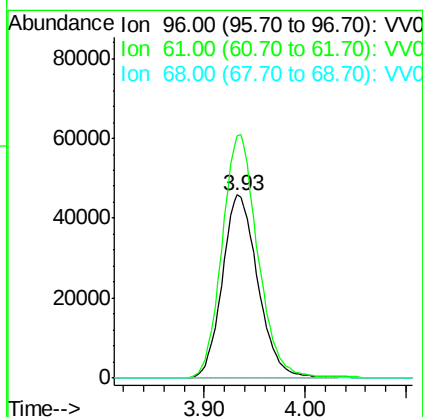
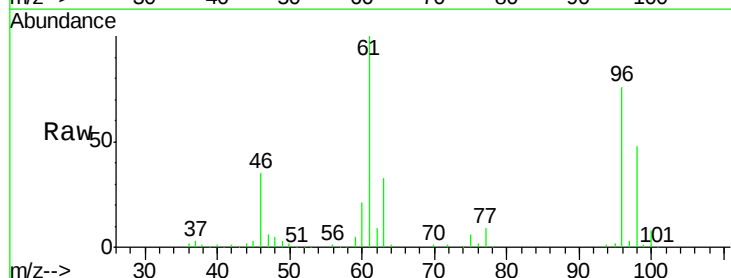
Instrument :
MSVOA_V
ClientSampleId :
BG3G4DL

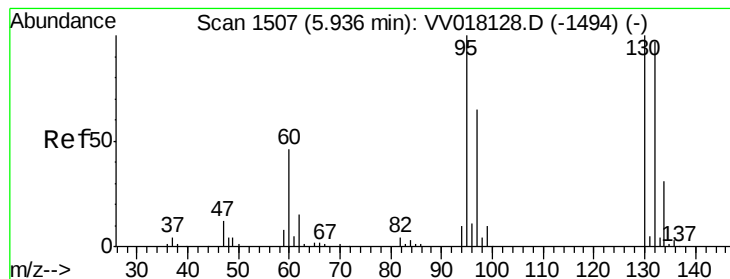
Tot Ion: 73 Resp: 8456
Ion Ratio Lower Upper
73 100
43 18.5 15.9 23.9
57 21.7 18.1 27.1



#20
cis-1,2-Dichloroethene
Concen: 53.997 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV018130.D
Acq: 28 Aug 2020 11:39

Tgt Ion: 96 Resp: 112599
Ion Ratio Lower Upper
96 100
61 132.1 95.0 176.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 34.899 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018130.D

Acq: 28 Aug 2020 11:39

Instrument :

MSVOA_V

ClientSampleId :

BG3G4DL

Tot Ion: 95 Resp: 76607

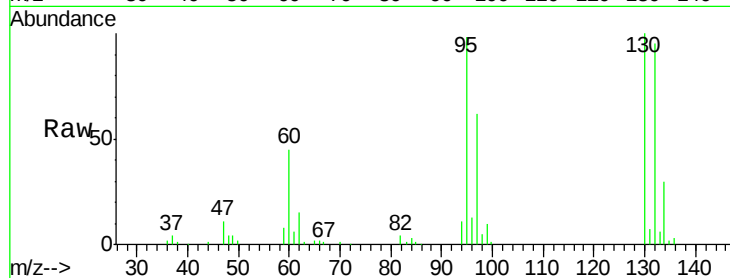
Ion Ratio Lower Upper

95 100

97 63.4 46.0 85.4

132 97.5 65.8 122.2

130 102.2 69.2 128.6

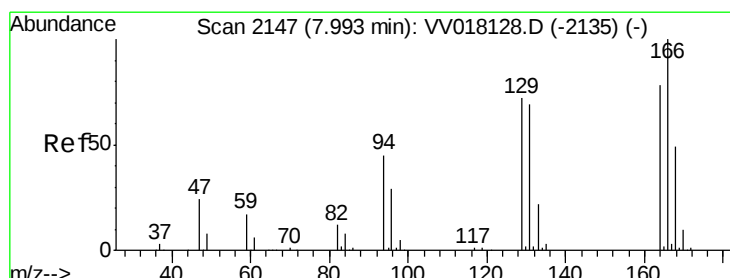
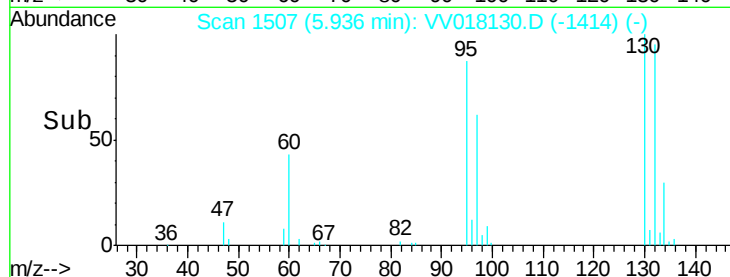
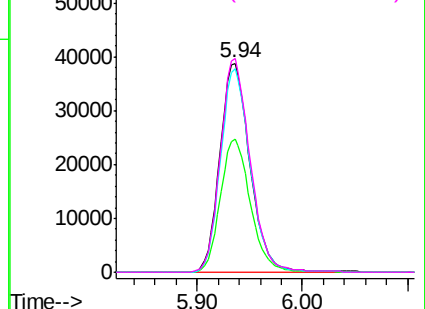


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 70.615 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV018130.D

Acq: 28 Aug 2020 11:39

Tgt Ion: 164 Resp: 113681

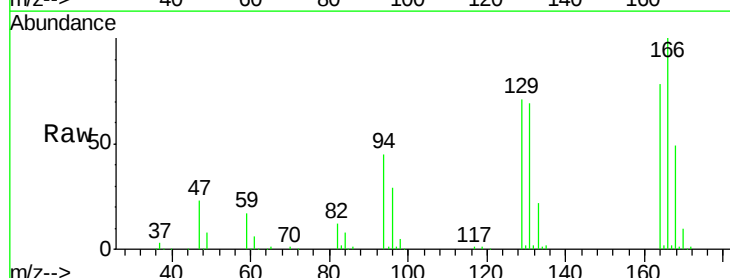
Ion Ratio Lower Upper

164 100

129 91.4 64.8 120.3

131 88.9 64.5 119.9

166 128.2 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

