

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018286.D
 Acq On : 17 Sep 2020 17:59
 Operator : SY/MD
 Sample : L4066-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY7

Quant Time: Sep 18 06:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88268	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.16%
7) Chloroethane-d5	1.58	69	76217	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.42%
11) 1,1-Dichloroethene-d2	2.12	63	130413	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.14%
21) 2-Butanone-d5	3.91	46	123989	88.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.53%
24) Chloroform-d	4.38	84	169215	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.06	65	113874	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
32) Benzene-d6	5.08	84	340046	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
36) 1,2-Dichloropropane-d6	6.09	67	109668	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.44%
41) Toluene-d8	7.34	98	300256	41.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.50%
43) trans-1,3-Dichloropropene-	7.64	79	53484	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.11	63	87767	91.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145478	45.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	129948	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

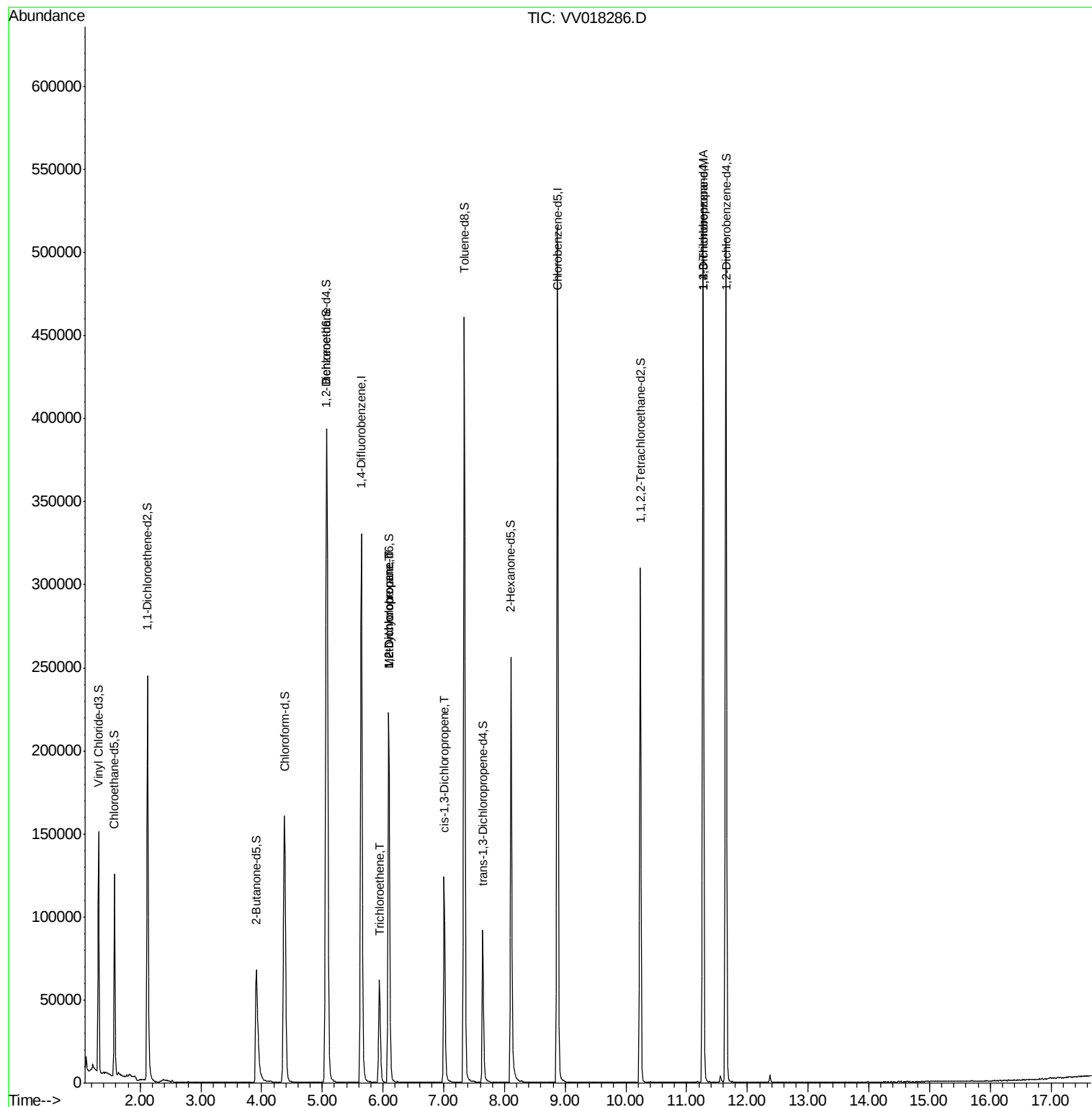
					Ovalue
34) Trichloroethene	5.94	95	22224	10.228 ug/L	99
35) Methylcyclohexane	6.09	83	26548	8.115 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12046	5.699 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2901	0.891 ug/L #	60
59) 1,2,3-Trichloropropane	11.27	75	15478	6.226 ug/L	94

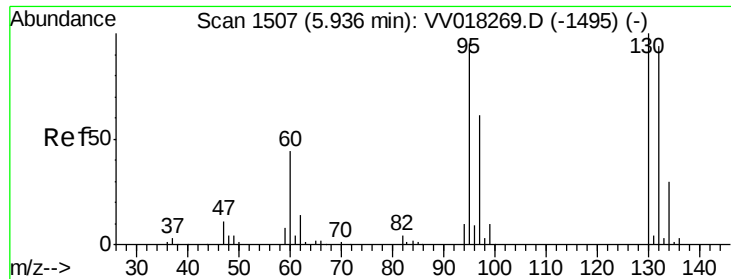
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 10.228 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018286.D

Acq: 17 Sep 2020 17:59

Instrument :

MSVOA_V

ClientSampleId :

BFWY7

Tot Ion: 95 Resp: 22224

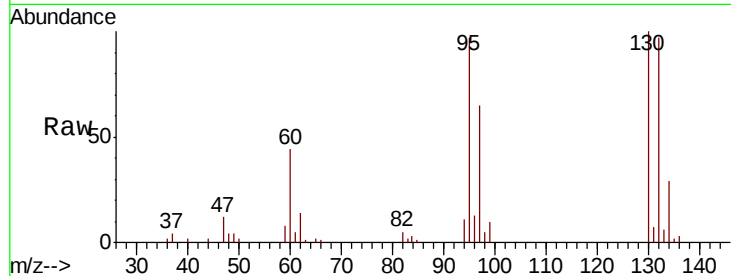
Ion Ratio Lower Upper

95 100

97 66.5 46.3 85.9

132 99.9 68.1 126.5

130 102.8 71.5 132.9

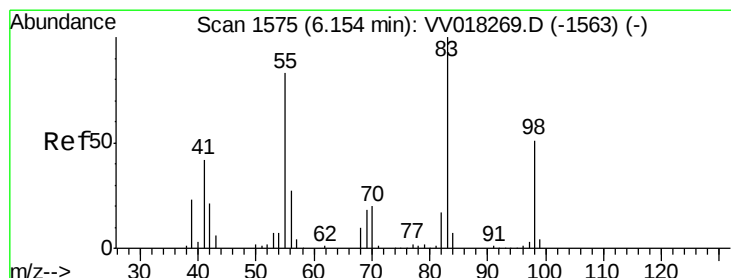
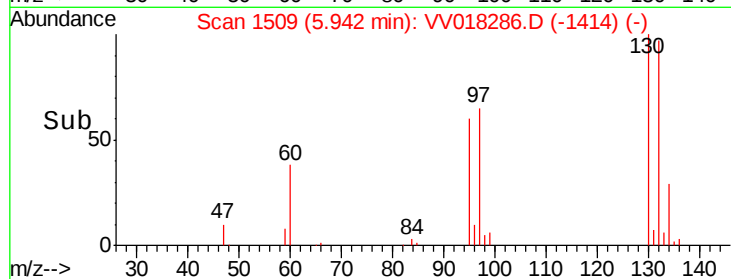
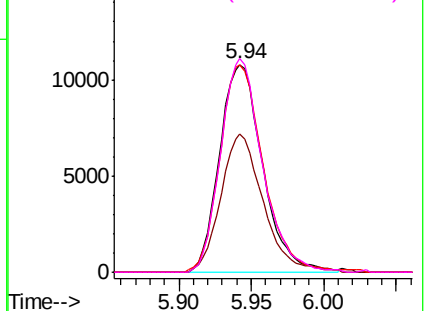


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 8.115 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018286.D

Acq: 17 Sep 2020 17:59

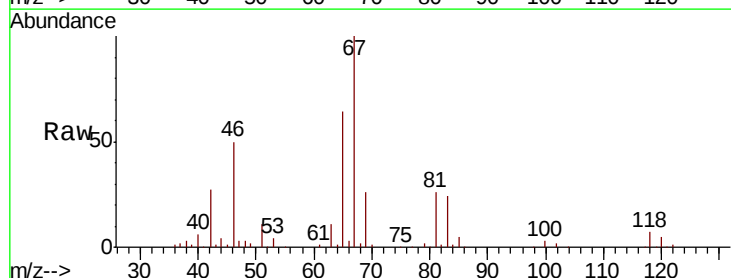
Tgt Ion: 83 Resp: 26548

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

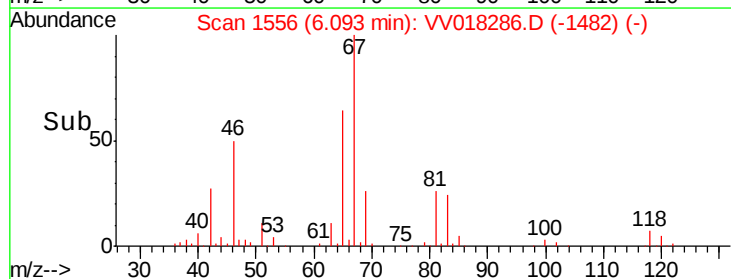
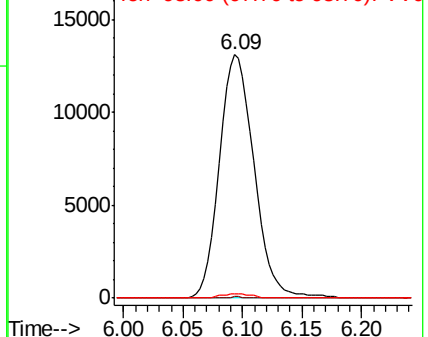
98 1.5 38.8 58.2#

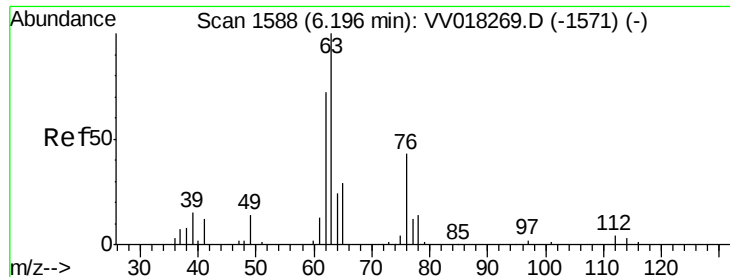


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

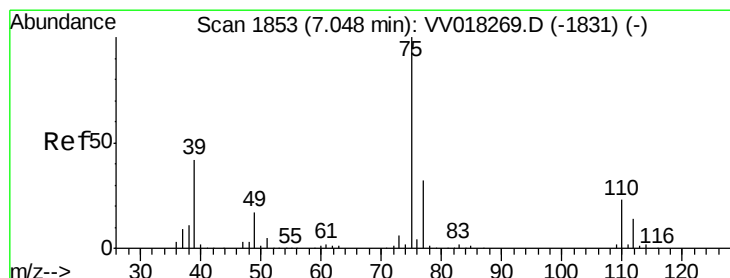
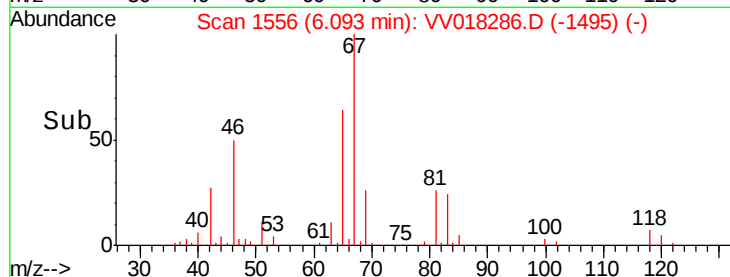
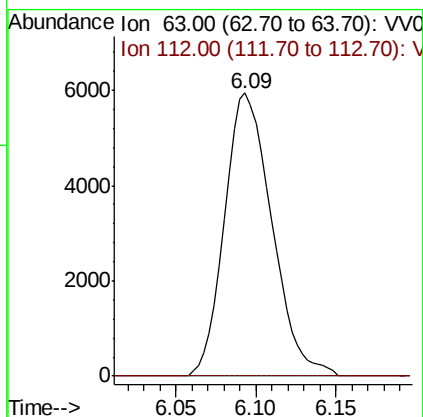
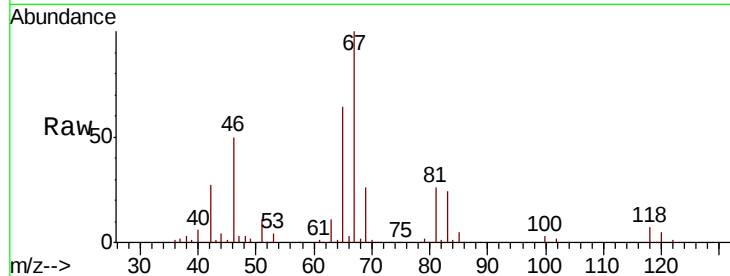




#37
 1,2-Dichloropropane
 Concen: 5.699 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018286.D
 Acq: 17 Sep 2020 17:59

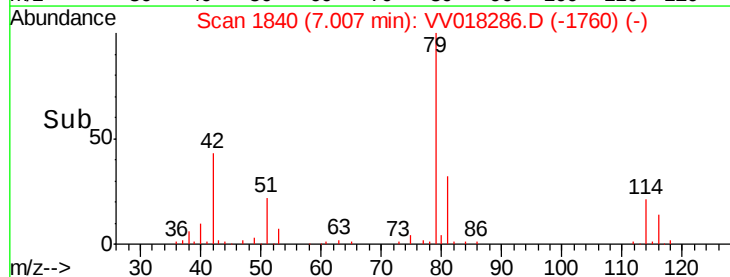
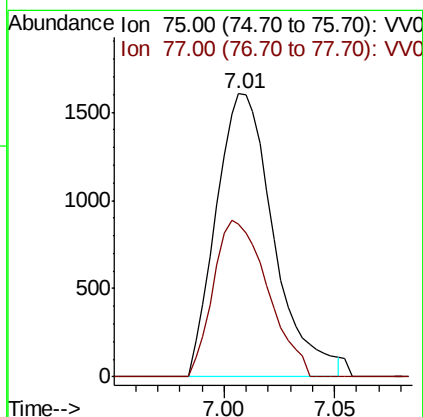
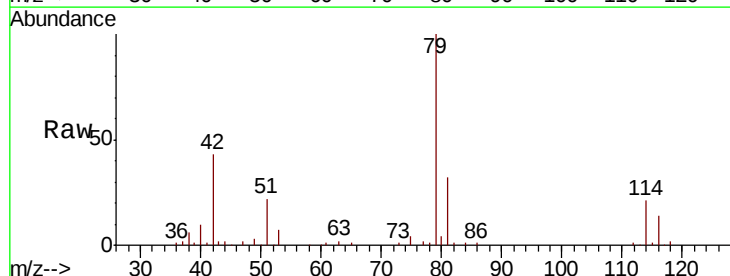
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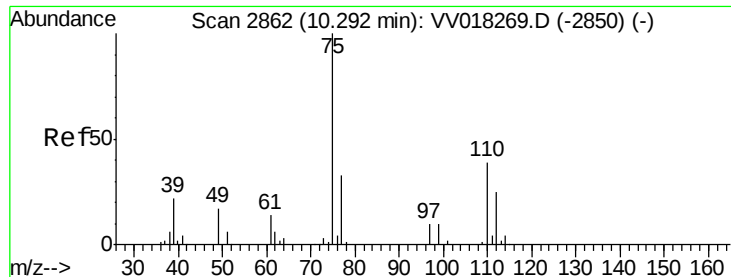
Tot Ion: 63 Resp: 12046
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018286.D
 Acq: 17 Sep 2020 17:59

Tgt Ion: 75 Resp: 2901
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.226 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018286.D

Acq: 17 Sep 2020 17:59

Instrument :

MSVOA_V

ClientSampleId :

BFWY7

Tot Ion: 75 Resp: 15478

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

