

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017007.D
 Acq On : 19 Jun 2020 18:11
 Operator : SY/MD
 Sample : L3074-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M12

Quant Time: Jun 20 04:47:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330135	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101553	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.18%
7) Chloroethane-d5	1.58	69	62491	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.12	63	146067	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.91	46	156295	90.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.65%
24) Chloroform-d	4.38	84	220097	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.06	65	155029	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.07	84	428980	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.09	67	130723	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.34	98	389901	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.64	79	64919	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.11	63	91651	75.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158175	42.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	153714	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

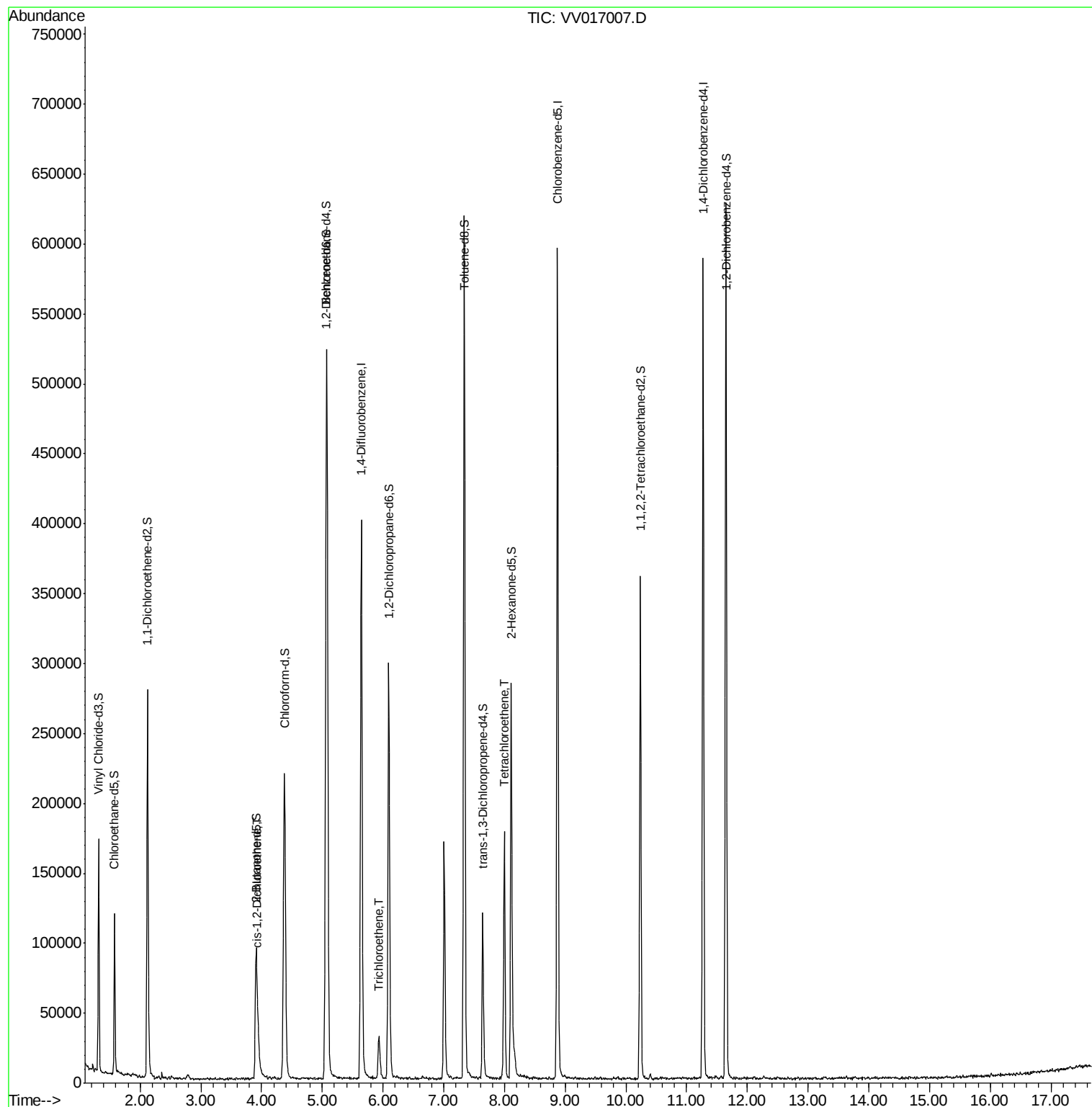
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	8092	3.322 ug/L	94
34) Trichloroethene	5.94	95	4147	1.685 ug/L	89
46) Tetrachloroethene	8.00	164	38421	19.852 ug/L	98

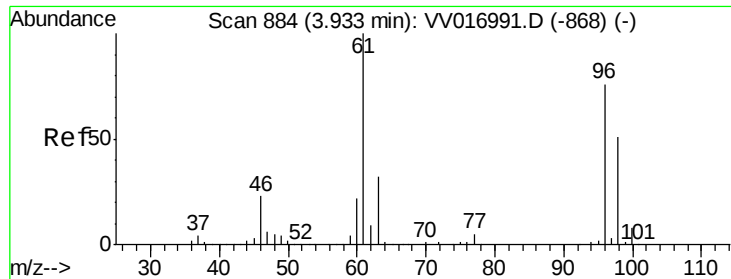
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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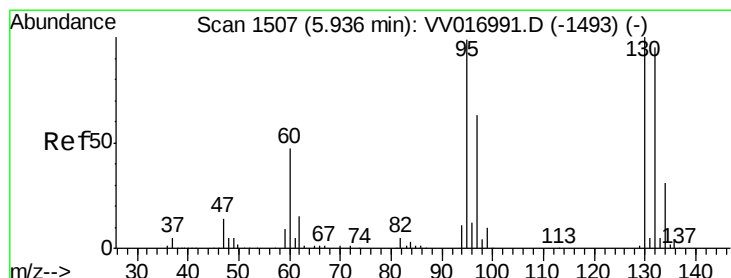
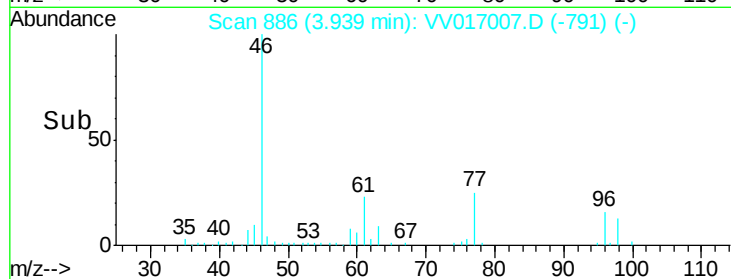
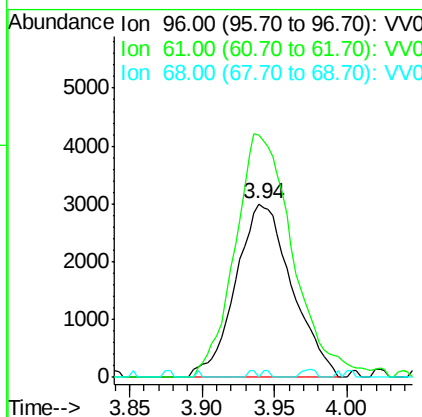
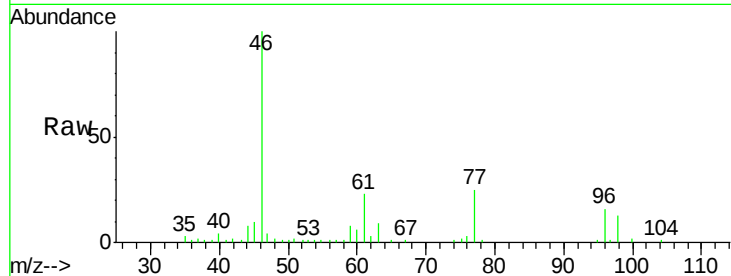




#20
 cis-1,2-Dichloroethene
 Concen: 3.322 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017007.D
 Acq: 19 Jun 2020 18:11

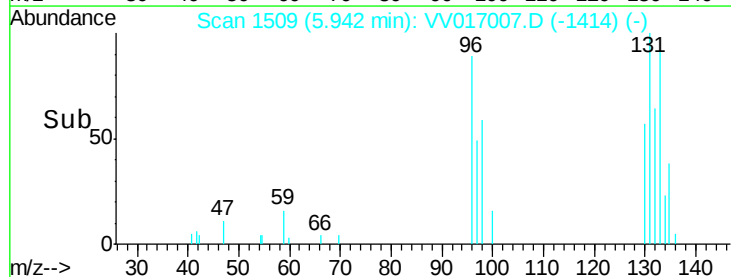
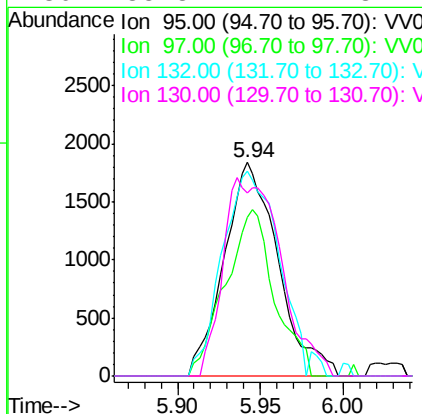
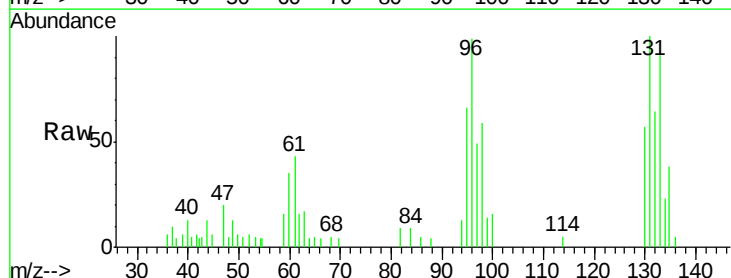
Instrument :
 MSVOA_V
 ClientSampled :
 F9M12

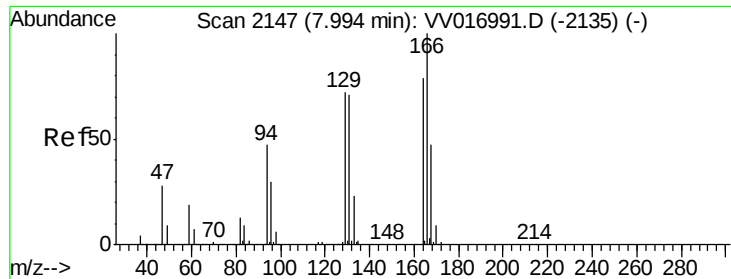
Tot Ion: 96 Resp: 8092
 Ion Ratio Lower Upper
 96 100
 61 140.0 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.685 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017007.D
 Acq: 19 Jun 2020 18:11

Tgt Ion: 95 Resp: 4147
 Ion Ratio Lower Upper
 95 100
 97 74.4 44.3 82.3
 132 95.7 67.9 126.1
 130 85.8 72.2 134.2





#46

Tetrachloroethene

Concen: 19.852 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017007.D

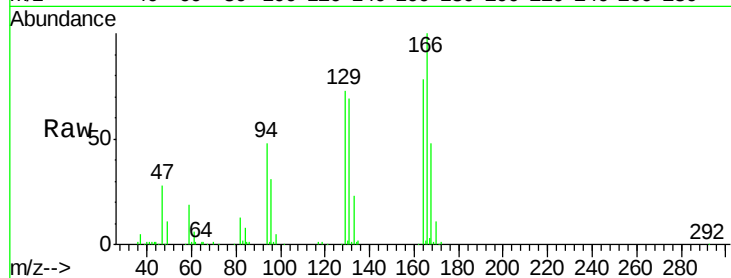
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MSVOA_V

ClientSampleId :

F9M12



Tot Ion:164 Resp: 38421

Ion Ratio Lower Upper

164 100

129 93.7 67.0 124.4

131 88.0 64.8 120.3

166 127.7 90.4 167.8

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

