

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017006.D
 Acq On : 19 Jun 2020 17:48
 Operator : SY/MD
 Sample : L3074-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M10

Quant Time: Jun 20 04:43:55 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	332933	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103391	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.58	69	62270	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.12	63	151719	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
21) 2-Butanone-d5	3.91	46	157495	90.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	4.38	84	220842	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.06	65	156965	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.08	84	429724	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.09	67	131336	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.34	98	395088	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.64	79	64745	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	93478	77.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158649	43.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	155739	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

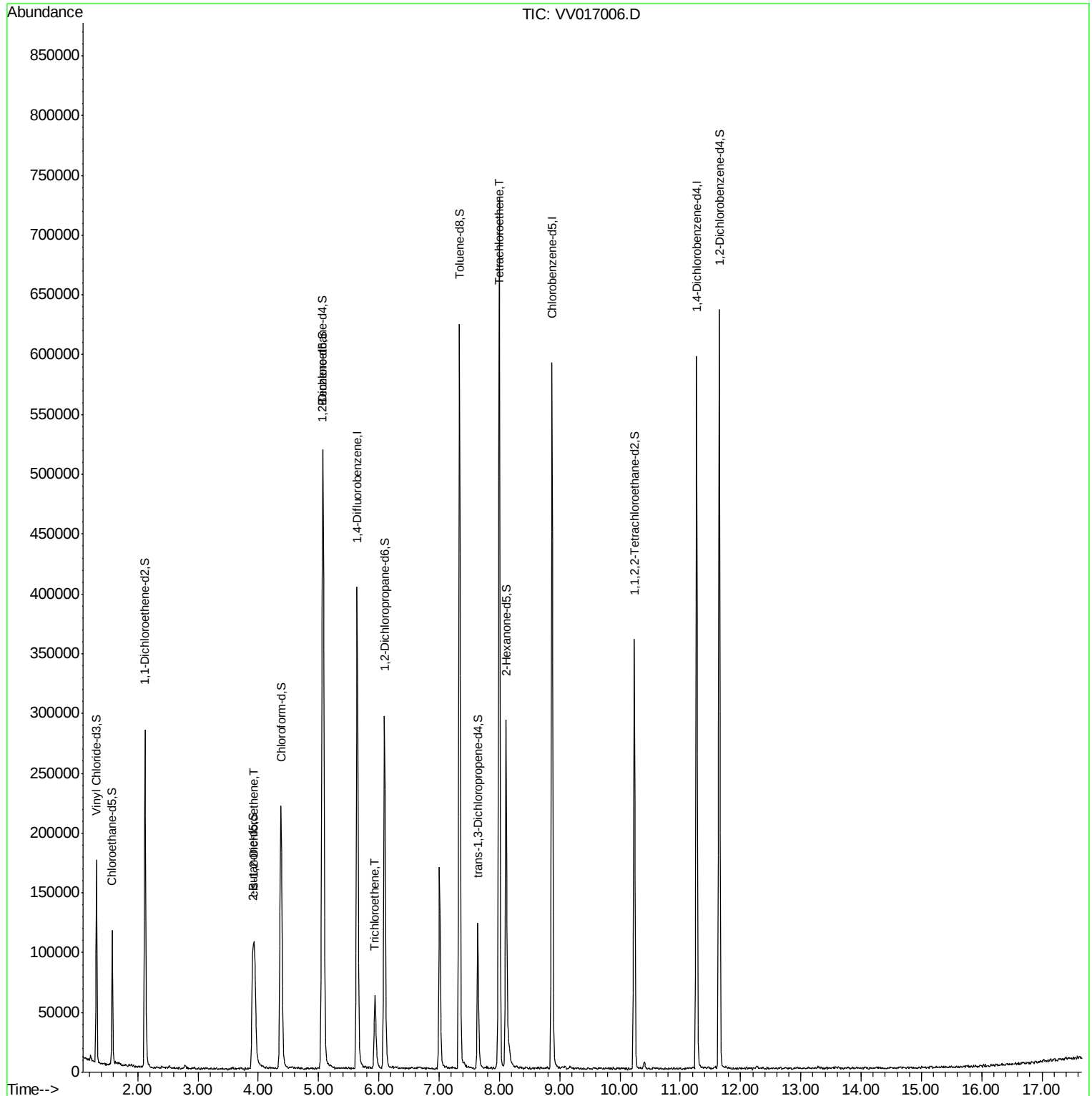
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	39321	16.009 ug/L	97
34) Trichloroethene	5.94	95	15794	6.427 ug/L	99
46) Tetrachloroethene	8.00	164	155618	80.513 ug/L	99

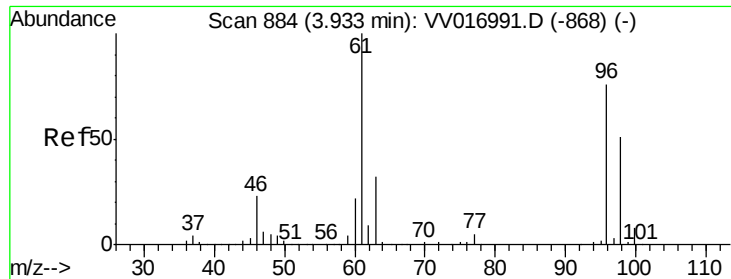
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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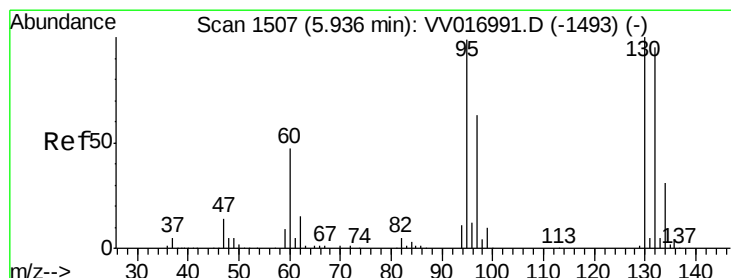
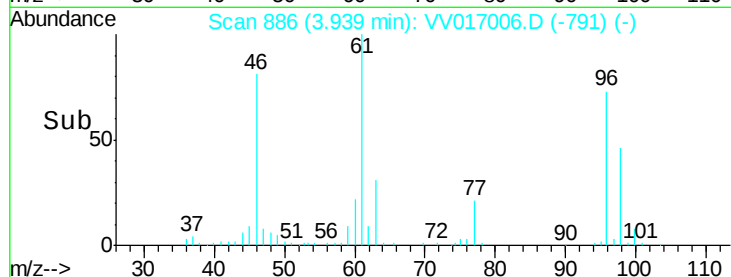
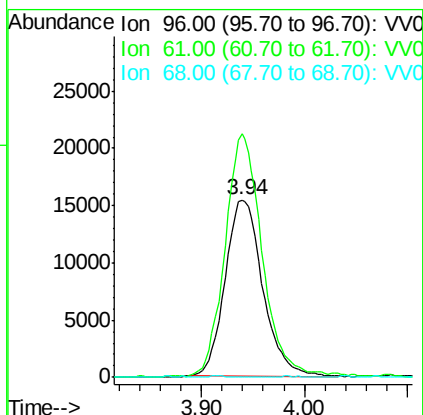
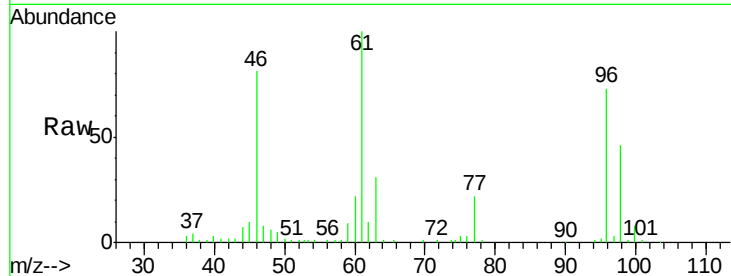




#20
 cis-1,2-Dichloroethene
 Concen: 16.009 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017006.D
 Acq: 19 Jun 2020 17:48

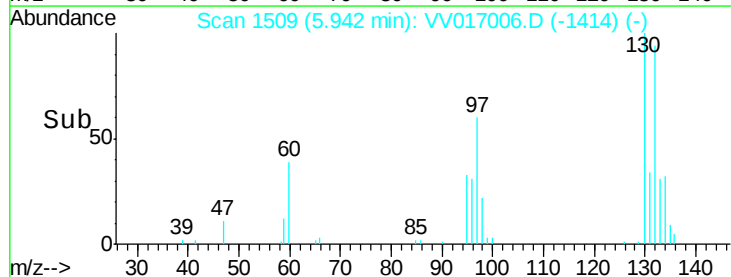
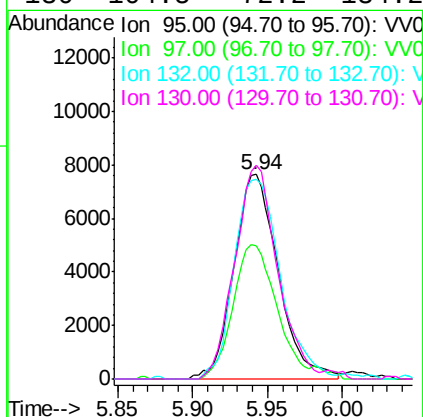
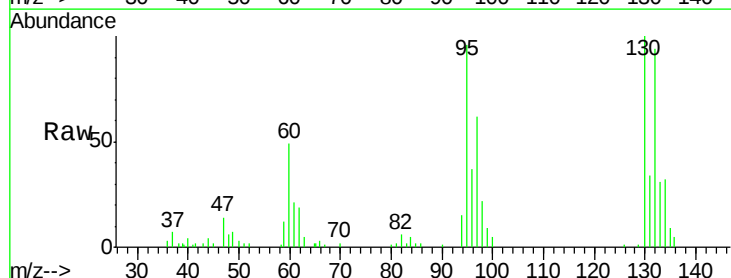
Instrument :
 MSVOA_V
 ClientSampled :
 F9M10

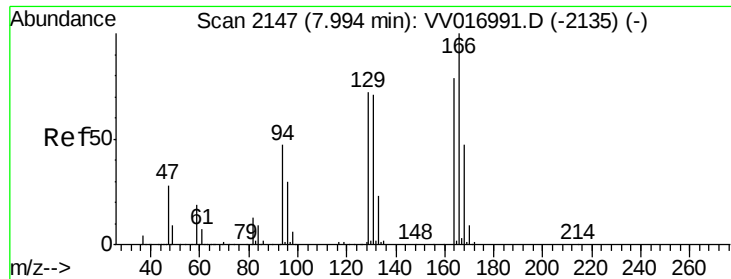
Tot Ion: 96 Resp: 39321
 Ion Ratio Lower Upper
 96 100
 61 137.1 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.427 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017006.D
 Acq: 19 Jun 2020 17:48

Tgt Ion: 95 Resp: 15794
 Ion Ratio Lower Upper
 95 100
 97 65.1 44.3 82.3
 132 97.7 67.9 126.1
 130 104.5 72.2 134.2





#46

Tetrachloroethene

Concen: 80.513 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017006.D

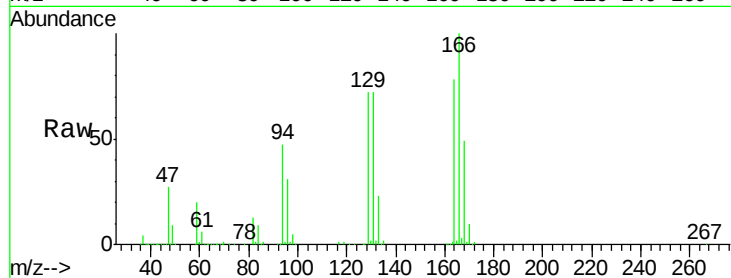
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MSVOA_V

ClientSampleId :

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Tot Ion:164 Resp: 155618

Ion Ratio Lower Upper

164 100

129 92.8 67.0 124.4

131 91.8 64.8 120.3

166 128.3 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

