

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018991.D
 Acq On : 20 Oct 2020 01:56
 Operator : SY/MD
 Sample : L4430-05DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4DL

Quant Time: Oct 20 04:19:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93340	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	85257	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.30%
11) 1,1-Dichloroethene-d2	2.12	63	152433	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	3.91	46	173254	101.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.99%
24) Chloroform-d	4.38	84	200063	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.06	65	137216	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.07	84	368666	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
36) 1,2-Dichloropropane-d6	6.09	67	122934	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.42%
41) Toluene-d8	7.34	98	321047	41.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.30%
43) trans-1,3-Dichloropropene-	7.64	79	55628	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
47) 2-Hexanone-d5	8.11	63	87314	84.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132106	40.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	137155	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

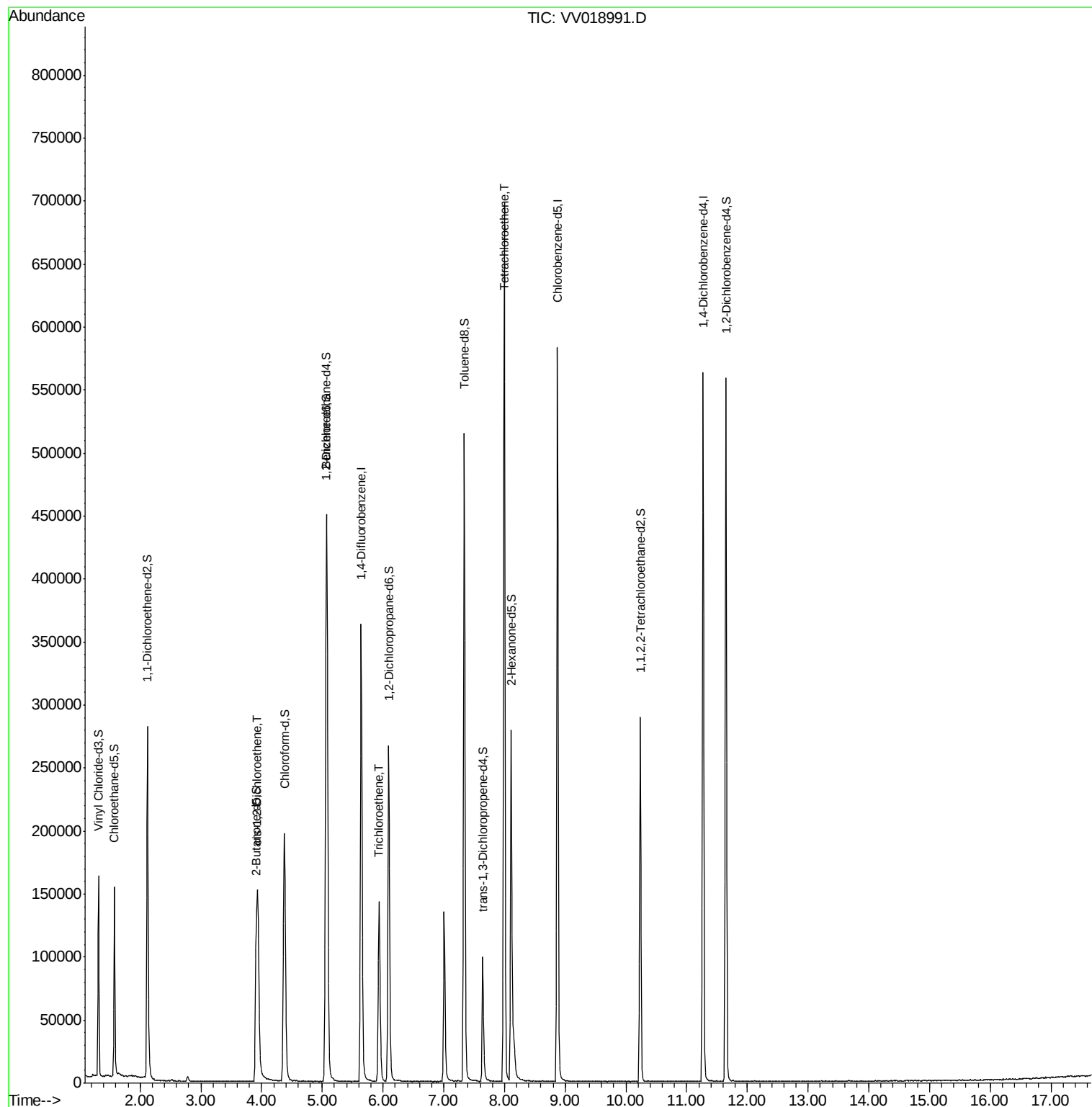
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	59406	25.941 ug/L	98
34) Trichloroethene	5.94	95	40575	15.409 ug/L	99
46) Tetrachloroethene	8.00	164	149186	80.390 ug/L	99

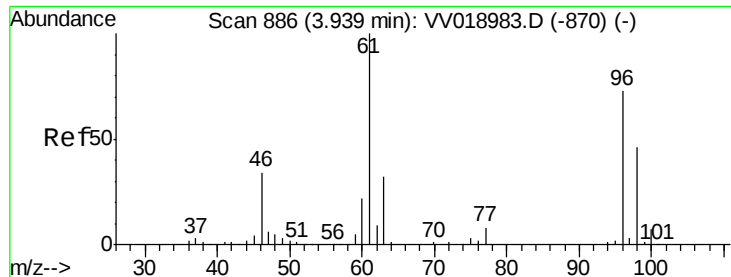
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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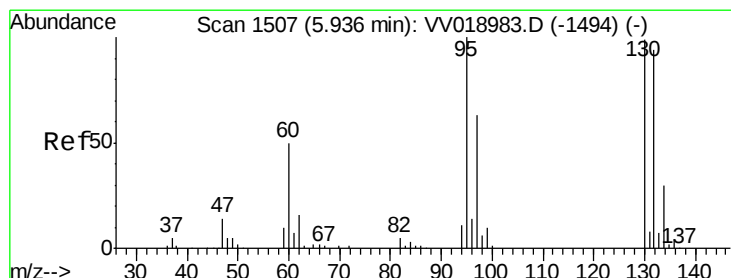
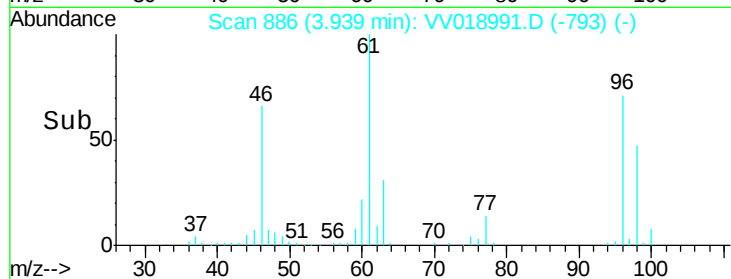
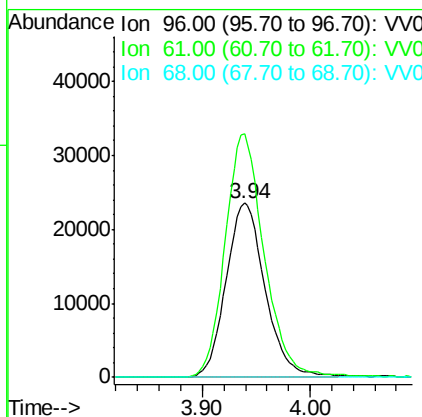
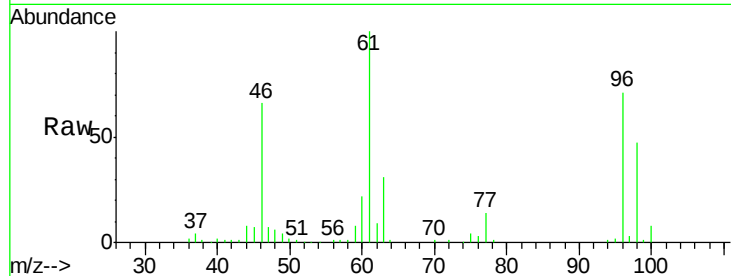




#20
 cis-1,2-Dichloroethene
 Concen: 25.941 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV018991.D
 Acq: 20 Oct 2020 01:56

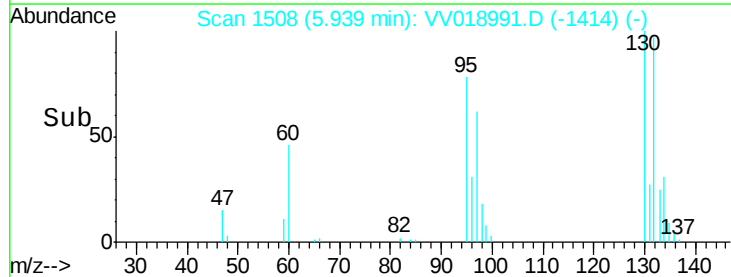
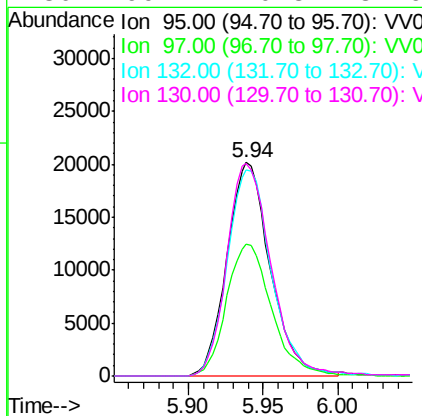
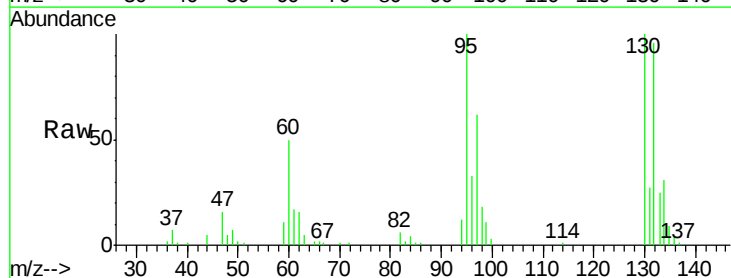
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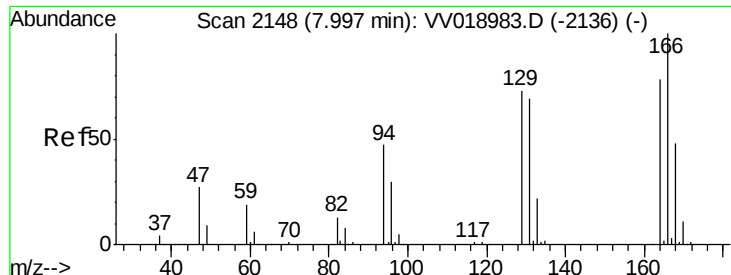
Tot Ion: 96 Resp: 59406
 Ion Ratio Lower Upper
 96 100
 61 139.9 96.1 178.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.409 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018991.D
 Acq: 20 Oct 2020 01:56

Tgt Ion: 95 Resp: 40575
 Ion Ratio Lower Upper
 95 100
 97 62.0 44.7 82.9
 132 96.2 67.0 124.4
 130 99.7 70.8 131.6





#46

Tetrachloroethene

Concen: 80.390 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018991.D

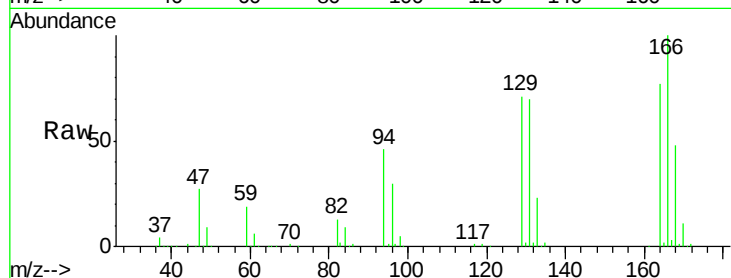
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MSVOA_V

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Tot Ion:164 Resp: 149186

Ion Ratio Lower Upper

164 100

129 91.5 65.0 120.8

131 90.1 62.9 116.7

166 129.5 91.1 169.3

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

