

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018603.D
 Acq On : 01 Oct 2020 21:11
 Operator : SY/MD
 Sample : L4237-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC0

Quant Time: Oct 02 04:54:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	299550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98734	56.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.40%
7) Chloroethane-d5	1.58	69	85104	58.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.18%
11) 1,1-Dichloroethene-d2	2.12	63	148959	41.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.22%
21) 2-Butanone-d5	3.92	46	117132	89.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.38%
24) Chloroform-d	4.38	84	175852	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.06	65	118832	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.08	84	347791	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.09	67	109476	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.58%
41) Toluene-d8	7.34	98	317817	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%
43) trans-1,3-Dichloropropene-	7.64	79	52469	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.02%
47) 2-Hexanone-d5	8.11	63	67478	75.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135044	43.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	137668	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

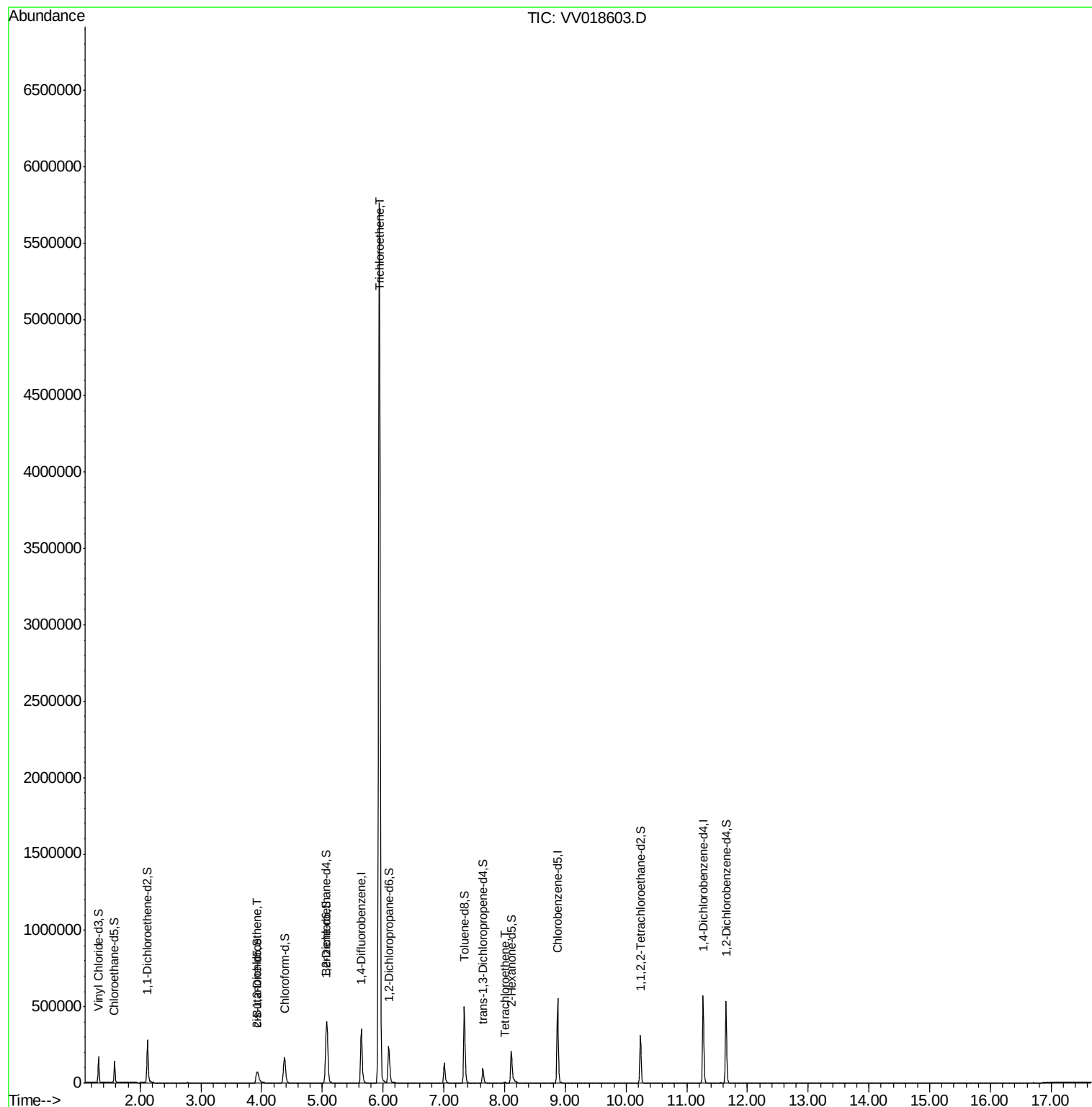
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	9714	4.272 ug/L	96
34) Trichloroethene	5.94	95	1935724	742.326 ug/L	99
46) Tetrachloroethene	8.00	164	1749	0.827 ug/L	88

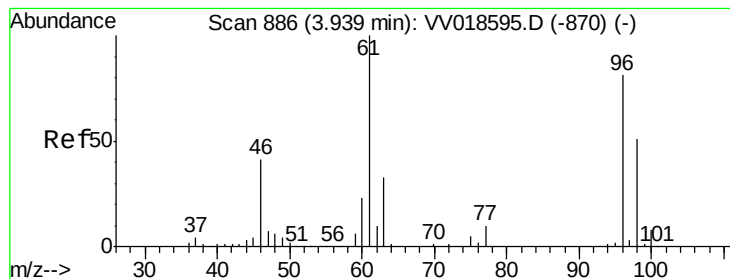
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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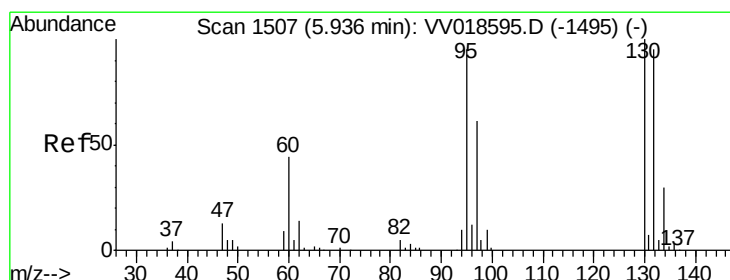
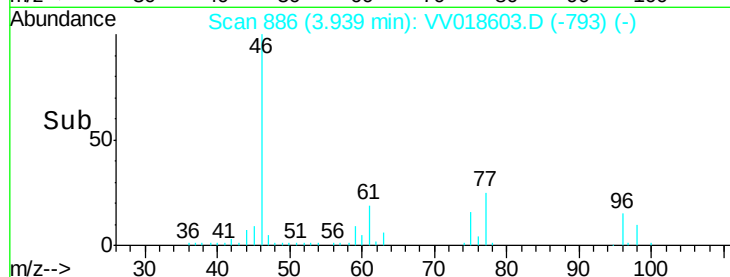
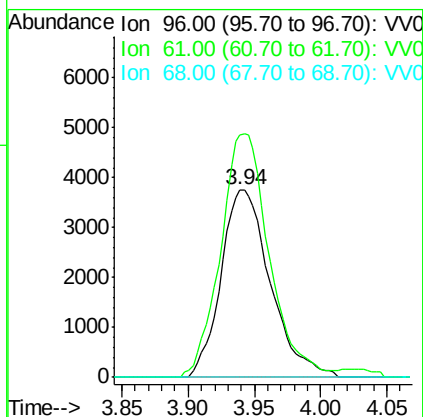
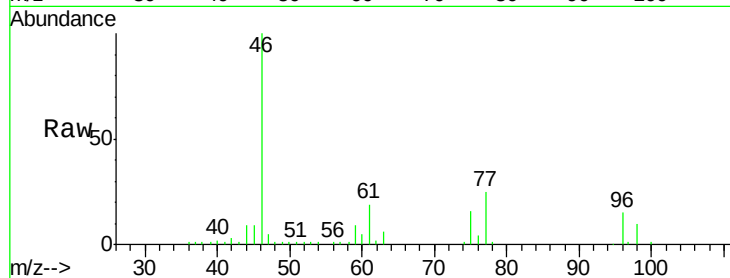


#20

cis-1,2-Dichloroethene
Concen: 4.272 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV018603.D
Acq: 01 Oct 2020 21:11

Instrument :
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ClientSampleId :
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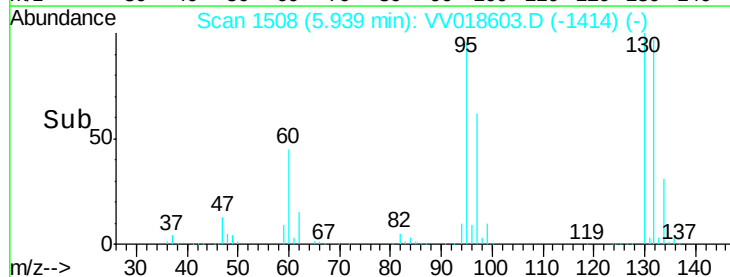
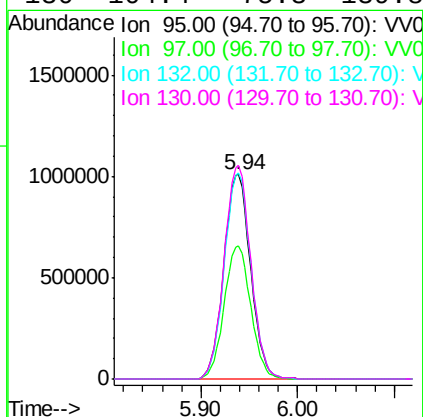
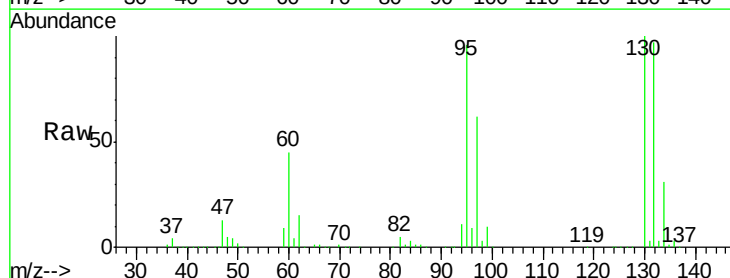
Tot Ion: 96 Resp: 9714
Ion Ratio Lower Upper
96 100
61 129.1 86.8 161.2
68 0.0 0.0 0.0

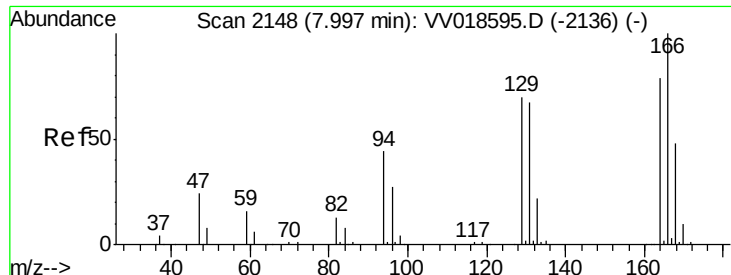


#34

Trichloroethene
Concen: 742.326 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018603.D
Acq: 01 Oct 2020 21:11

Tgt Ion: 95 Resp: 1935724
Ion Ratio Lower Upper
95 100
97 65.1 45.9 85.3
132 100.8 70.8 131.4
130 104.4 75.3 139.8





#46

Tetrachloroethene

Concen: 0.827 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018603.D

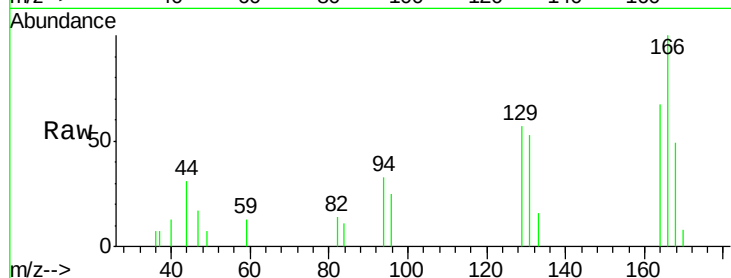
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Tot Ion:164 Resp: 1749

Ion Ratio Lower Upper

164 100

129 84.7 62.8 116.6

131 79.1 60.8 112.8

166 148.9 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

