

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018916.D
 Acq On : 15 Oct 2020 17:26
 Operator : SY/MD
 Sample : L4351-07DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5DL

Quant Time: Oct 16 12:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124558	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.58	69	102915	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.50%
11) 1,1-Dichloroethene-d2	2.12	63	186128	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	3.91	46	169554	90.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	4.38	84	230628	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.05	65	158751	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.07	84	463610	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	151317	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.34	98	410475	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.64	79	70598	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
47) 2-Hexanone-d5	8.11	63	96363	85.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158715	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	163423	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

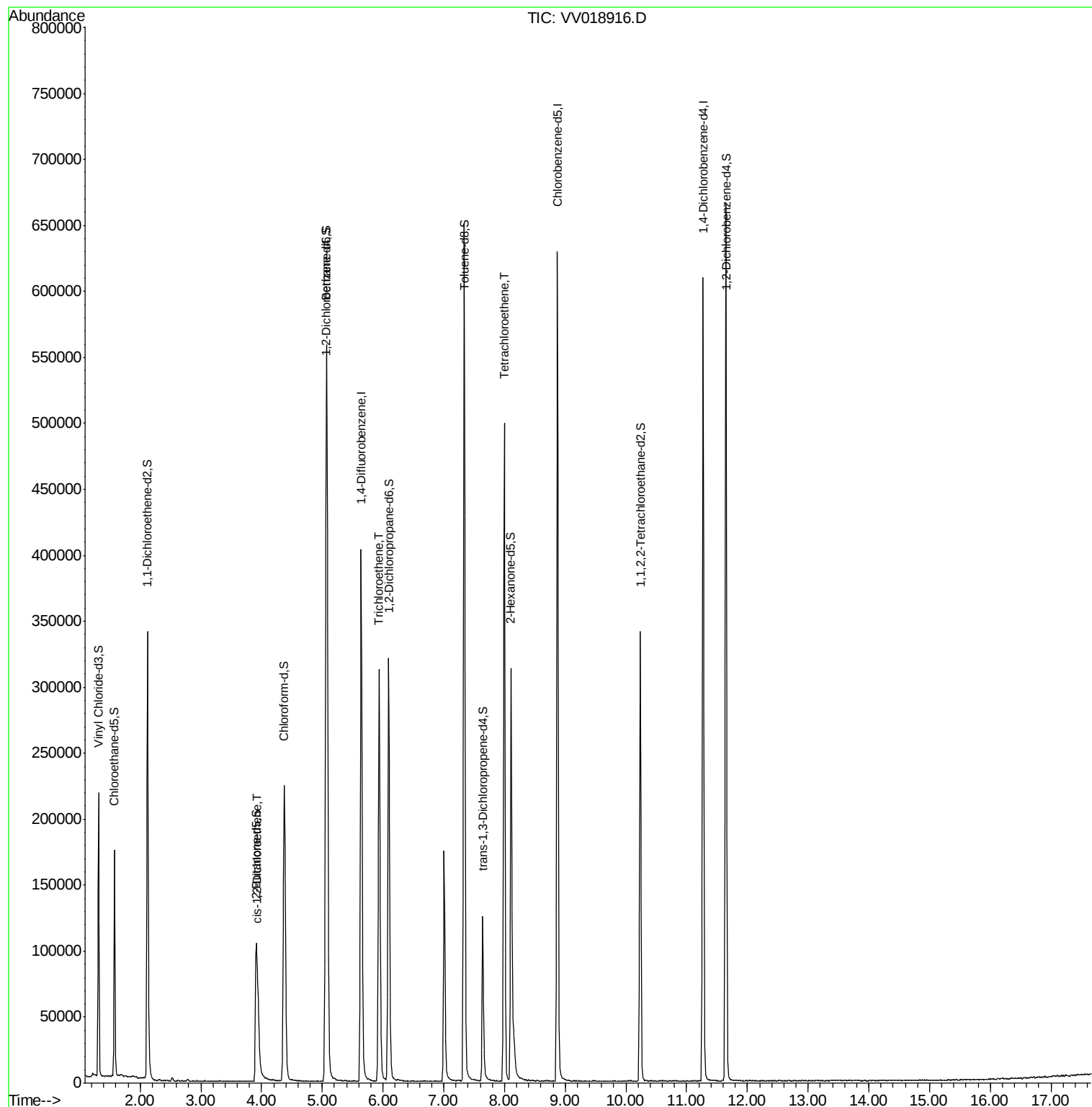
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	16078	6.356 ug/L	92
34) Trichloroethene	5.94	95	100511	34.940 ug/L	99
46) Tetrachloroethene	8.00	164	109032	53.780 ug/L	99

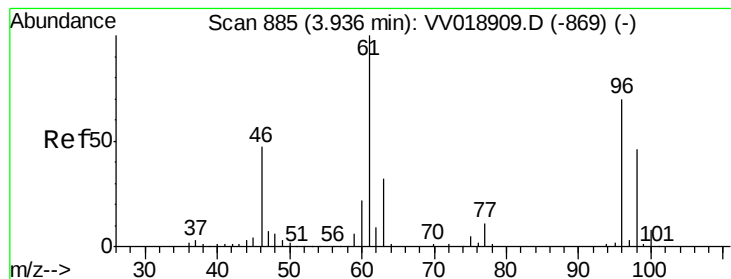
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 6.356 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018916.D

Acq: 15 Oct 2020 17:26

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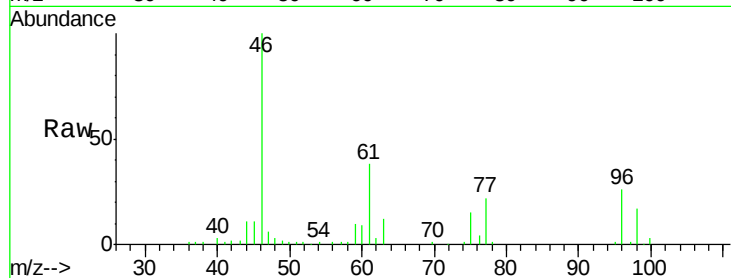
Tot Ion: 96 Resp: 16078

Ion Ratio Lower Upper

96 100

61 146.3 96.1 178.5

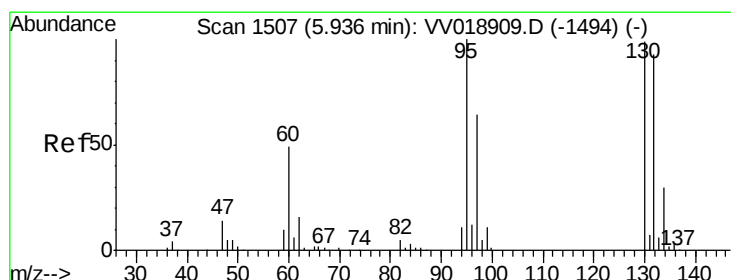
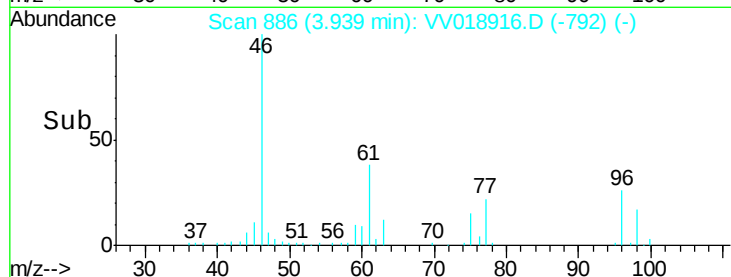
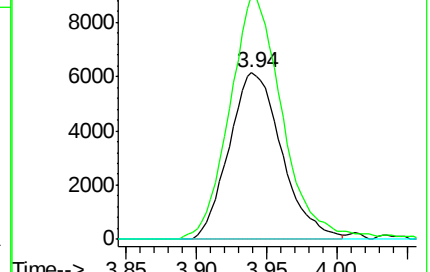
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018909.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018909.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018909.D (-869) (-)



#34

Trichloroethene

Concen: 34.940 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018916.D

Acq: 15 Oct 2020 17:26

Tgt Ion: 95 Resp: 100511

Ion Ratio Lower Upper

95 100

97 64.8 44.7 82.9

132 97.8 67.0 124.4

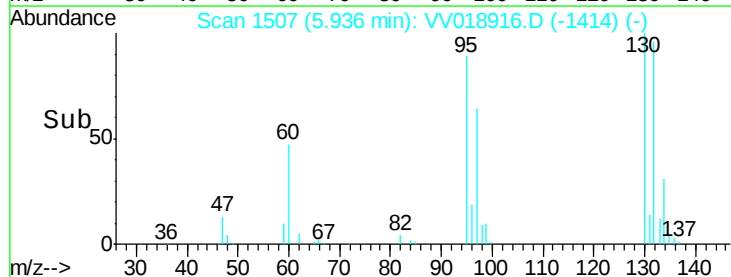
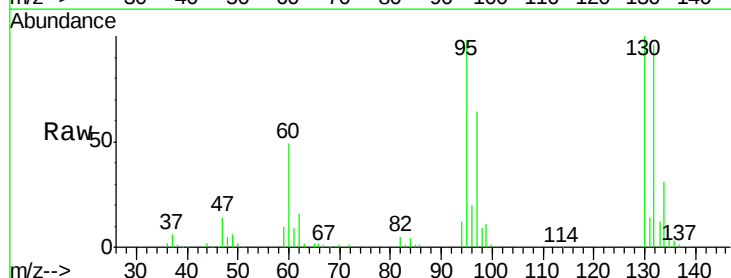
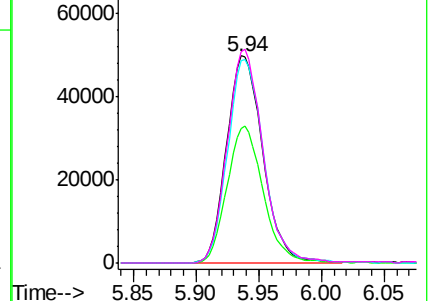
130 102.0 70.8 131.6

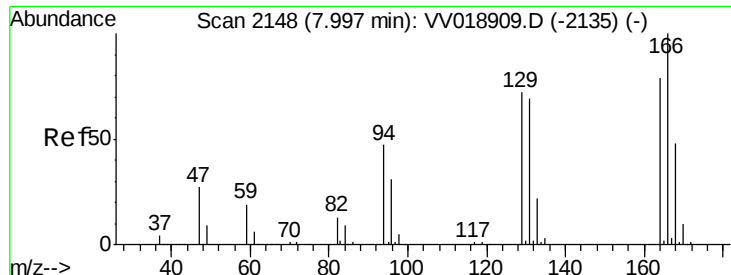
Abundance Ion 95.00 (94.70 to 95.70): VV018909.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018909.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018909.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018909.D (-1494) (-)





#46

Tetrachloroethene

Concen: 53.780 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018916.D

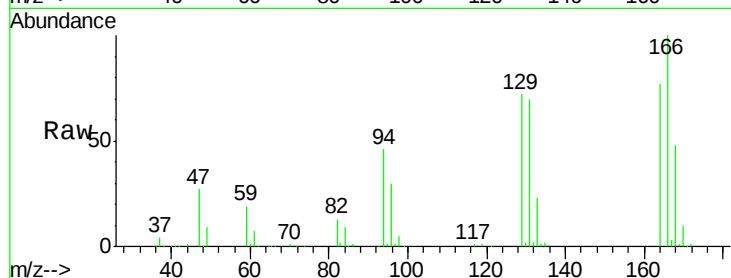
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Tot Ion:164 Resp: 109032

Ion Ratio Lower Upper

164 100

129 92.8 65.0 120.8

131 90.8 62.9 116.7

166 129.1 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

