

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018852.D
 Acq On : 12 Oct 2020 13:23
 Operator : SY/MD
 Sample : L4351-01DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3DL

Quant Time: Oct 13 01:31:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355254	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151002	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.58	69	118254	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.12	63	221723	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.91	46	192405	97.08	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.37	84	251452	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
26) 1,2-Dichloroethane-d4	5.05	65	172575	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.07	84	499857	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
36) 1,2-Dichloropropane-d6	6.09	67	158116	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.92%
41) Toluene-d8	7.34	98	434500	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.64	79	75569	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
47) 2-Hexanone-d5	8.11	63	101967	75.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.37%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171741	38.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	170708	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

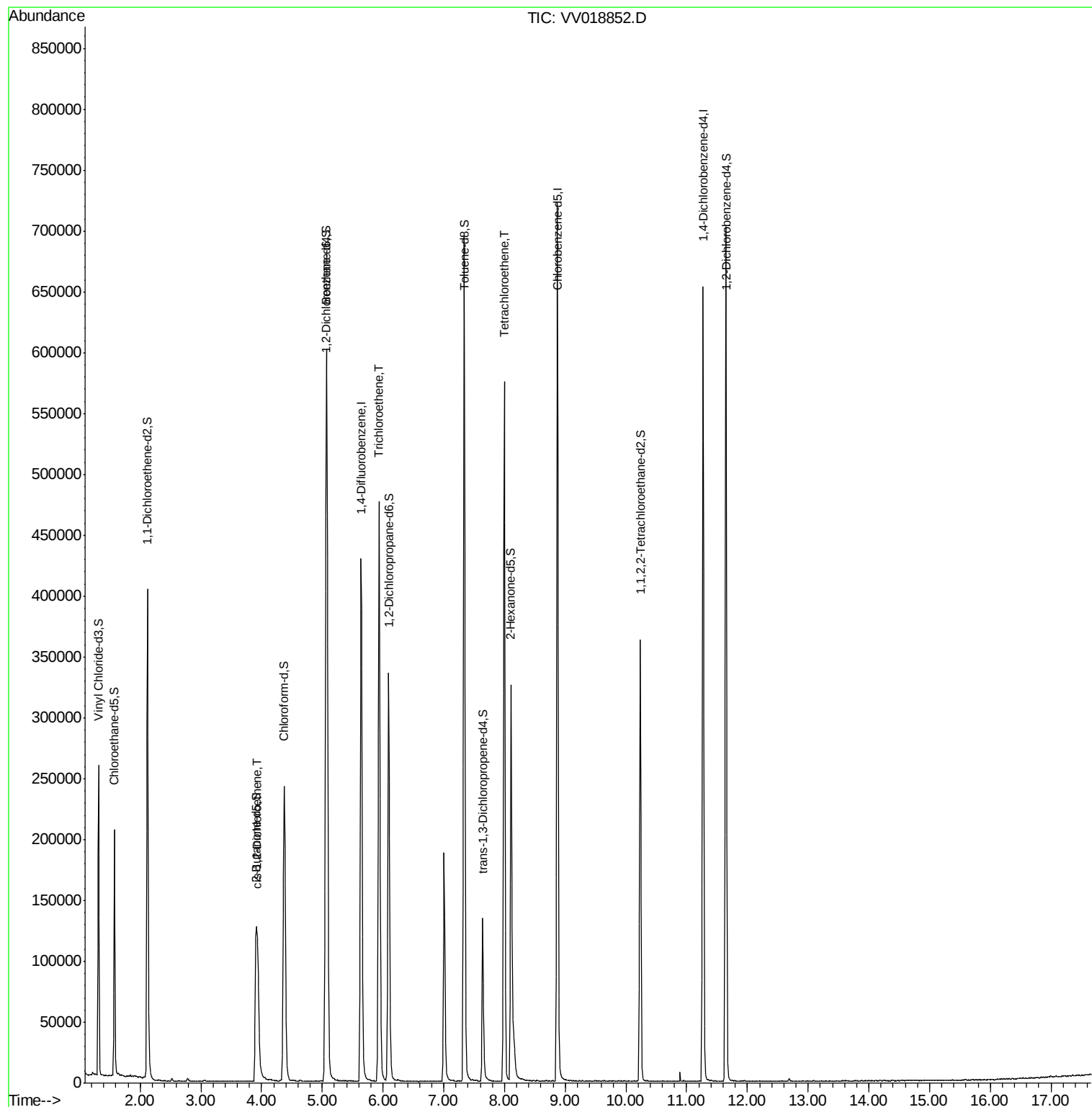
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	36194	13.196	ug/L 99
34) Trichloroethene	5.94	95	155155	46.193	ug/L 99
46) Tetrachloroethene	8.00	164	125093	50.817	ug/L 99

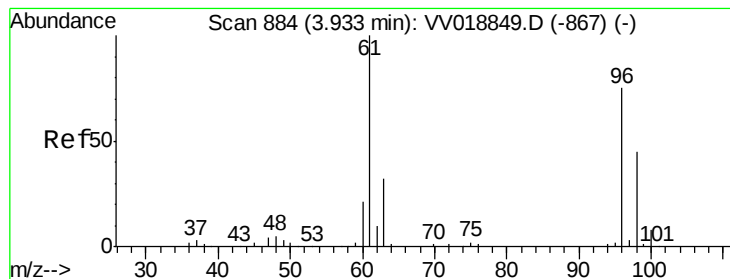
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 13.196 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

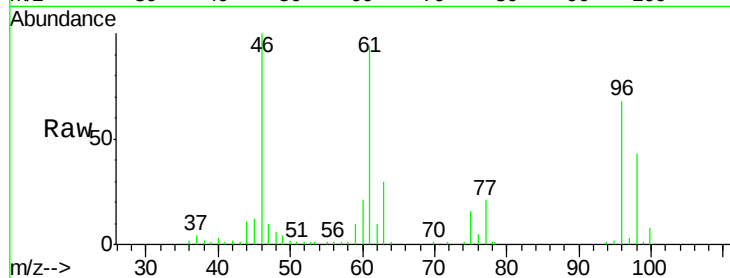
Tot Ion: 96 Resp: 36194

Ion Ratio Lower Upper

96 100

61 137.6 97.3 180.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018849.D (-867) (-)

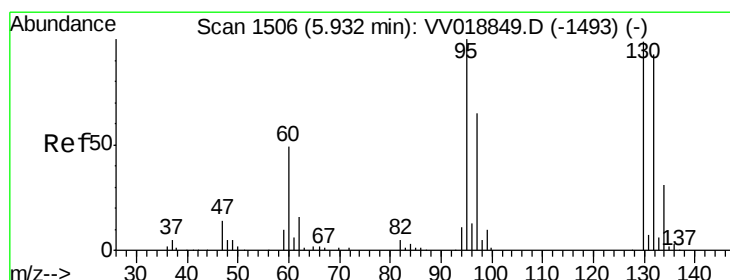
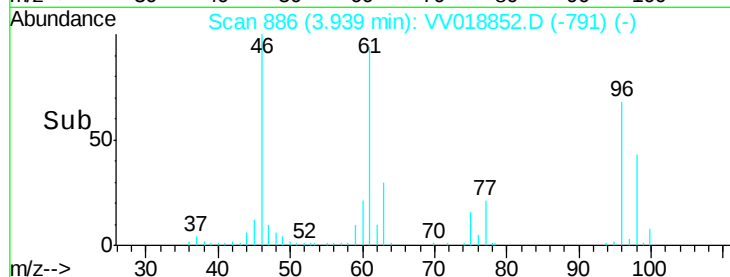
Ion 61.00 (60.70 to 61.70): VV018849.D (-867) (-)

Ion 68.00 (67.70 to 68.70): VV018849.D (-867) (-)

Time-->

3.85 3.90 3.95 4.00 4.05

3.94



#34

Trichloroethene

Concen: 46.193 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Tgt Ion: 95 Resp: 155155

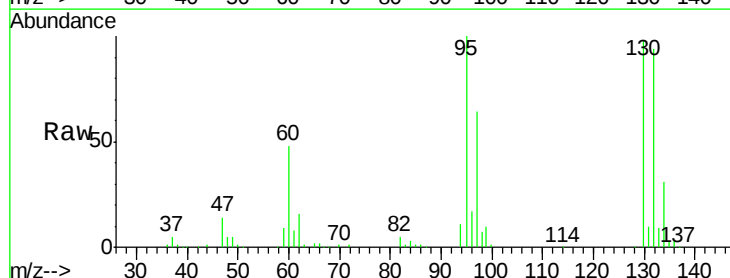
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 93.5 66.2 123.0

130 98.4 69.1 128.3



Abundance Ion 95.00 (94.70 to 95.70): VV018849.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018849.D (-1493) (-)

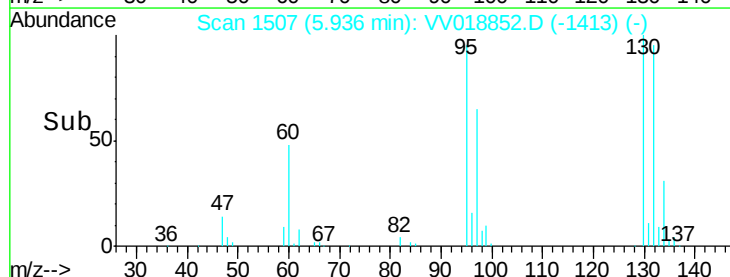
Ion 132.00 (131.70 to 132.70): VV018849.D (-1493) (-)

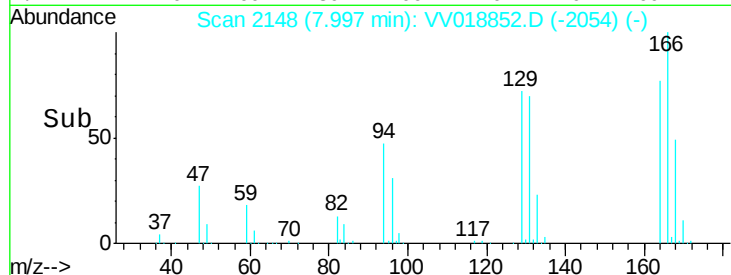
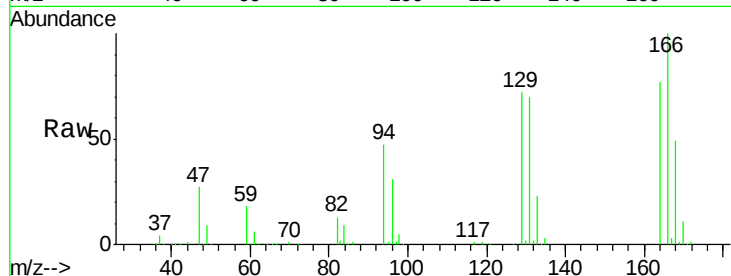
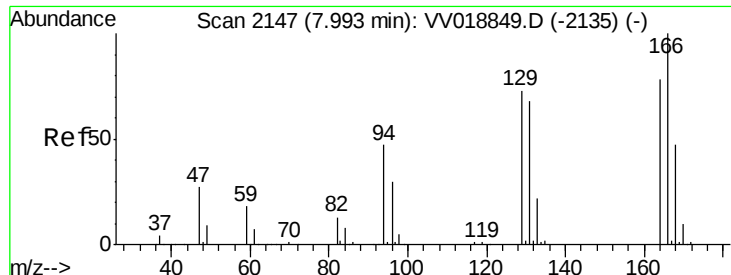
Ion 130.00 (129.70 to 130.70): VV018849.D (-1493) (-)

Time-->

5.85 5.90 5.95 6.00 6.05

5.94





#46

Tetrachloroethene

Concen: 50.817 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 125093

Ion Ratio Lower Upper

164 100

129 92.9 64.6 120.0

131 90.8 63.6 118.0

166 129.8 88.3 164.1

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

