

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007862.D
 Acq On : 25 Sep 2018 18:51
 Operator : SY/MD
 Sample : J5043-20
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG0

Quant Time: Sep 26 13:05:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190769	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93212	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53631	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.59	69	50442	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.68%
11) 1,1-Dichloroethene-d2	2.14	63	92055	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	3.96	46	41418	51.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.39%
24) Chloroform-d	4.41	84	109017	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
26) 1,2-Dichloroethane-d4	5.09	65	87727	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.11	84	242638	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.13	67	78467	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.40%
41) Toluene-d8	7.36	98	236055	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.67	79	33244	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.14	63	60636	92.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109481	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	104026	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

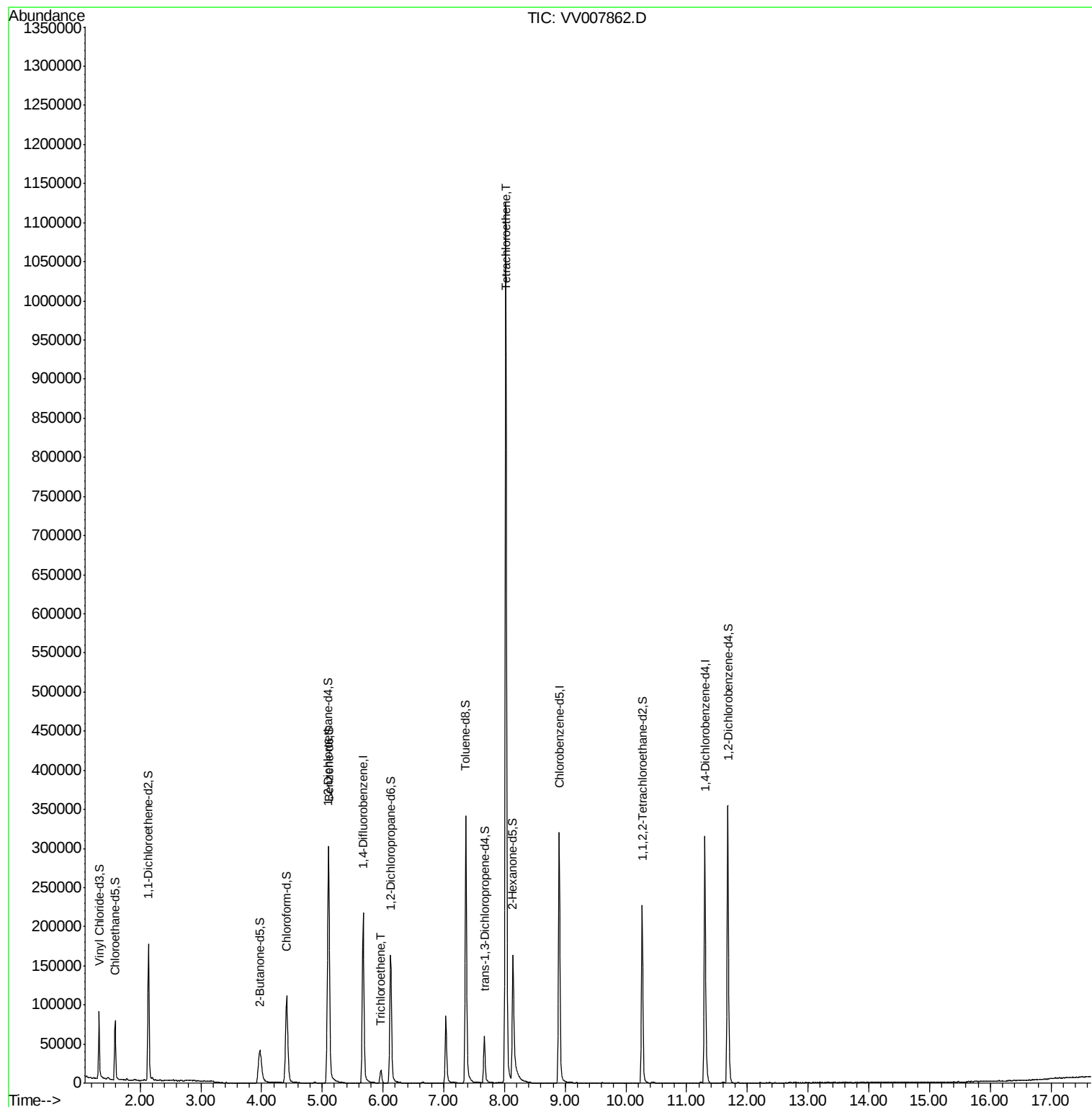
Target Compounds					Ovalue
34) Trichloroethene	5.96	95	5109	3.712 ug/L	97
46) Tetrachloroethene	8.02	164	264987	200.346 ug/L	98

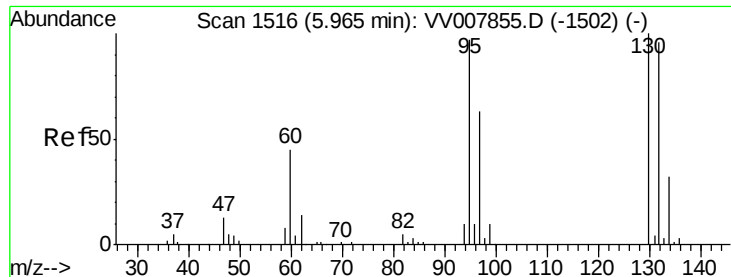
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.712 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Instrument :

MSVOA_V

ClientSampleId :

E5FG0

Tot Ion: 95 Resp: 5109

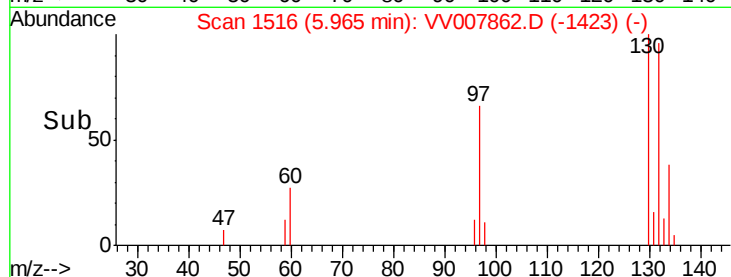
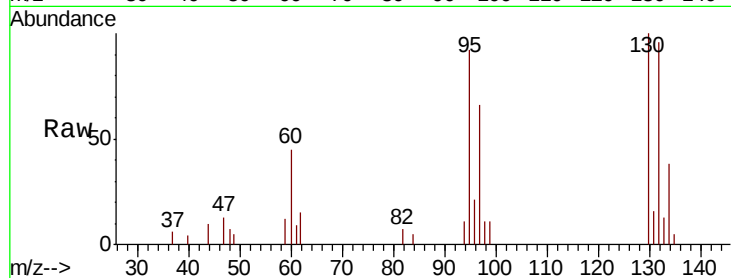
Ion Ratio Lower Upper

95 100

97 71.4 45.4 84.2

132 104.2 72.2 134.0

130 108.3 75.5 140.3



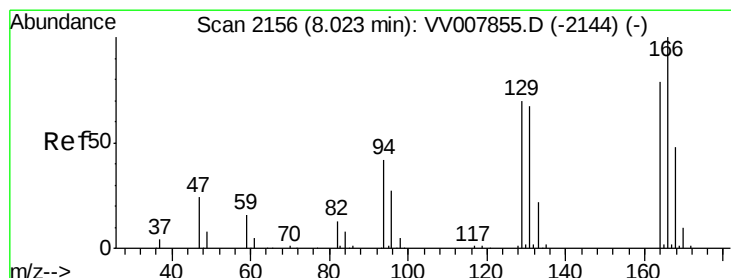
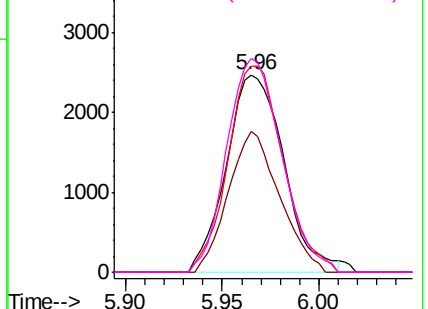
Abundance

Ion 95.00 (94.70 to 95.70): VV007862.D (-1423) (-)

Ion 97.00 (96.70 to 97.70): VV007862.D (-1423) (-)

Ion 132.00 (131.70 to 132.70): VV007862.D (-1423) (-)

Ion 130.00 (129.70 to 130.70): VV007862.D (-1423) (-)



#46

Tetrachloroethene

Concen: 200.346 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Tgt Ion: 164 Resp: 264987

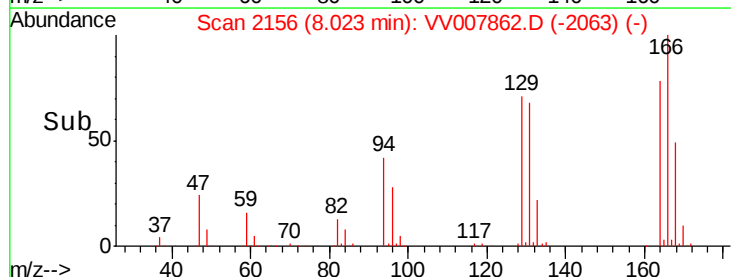
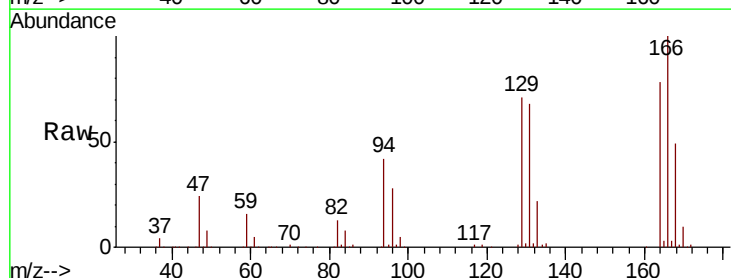
Ion Ratio Lower Upper

164 100

129 90.3 60.9 113.1

131 86.9 58.8 109.2

166 127.8 88.8 164.8



Abundance

Ion 164.00 (163.70 to 164.70): VV007862.D (-2063) (-)

Ion 129.00 (128.70 to 129.70): VV007862.D (-2063) (-)

Ion 131.00 (130.70 to 131.70): VV007862.D (-2063) (-)

Ion 166.00 (165.70 to 166.70): VV007862.D (-2063) (-)

