

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007858.D
 Acq On : 25 Sep 2018 17:11
 Operator : SY/MD
 Sample : J5045-03DL 4X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3DL

Quant Time: Sep 26 05:14:33 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	199303	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56314	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.16%
7) Chloroethane-d5	1.59	69	51546	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.14	63	94651	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	3.96	46	48448	57.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.54%
24) Chloroform-d	4.41	84	111074	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.09	65	88725	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.11	84	248334	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.13	67	78009	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.36	98	241742	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.67	79	33849	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.14	63	63399	93.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.85%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107727	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	104101	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%

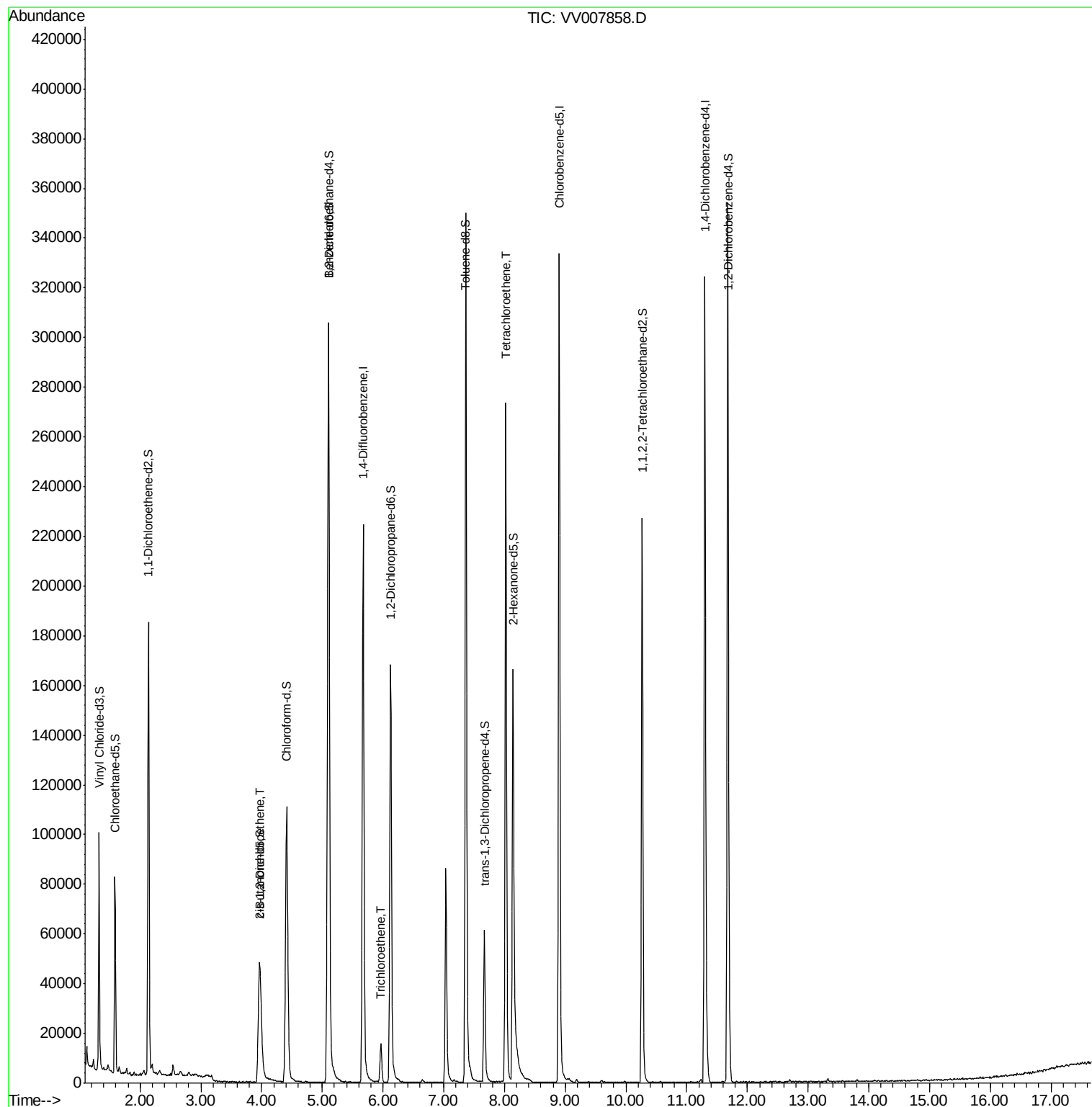
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	3910	2.758 ug/L	99
34) Trichloroethene	5.96	95	4960	3.486 ug/L	96
46) Tetrachloroethene	8.02	164	64574	47.235 ug/L	100

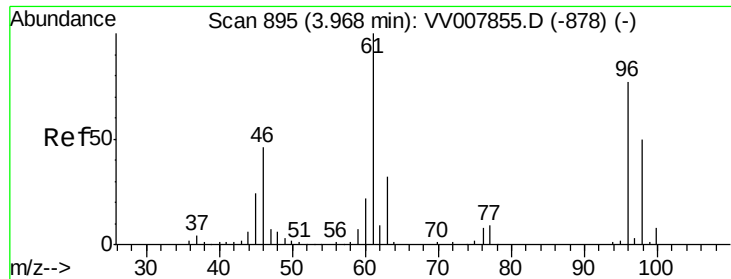
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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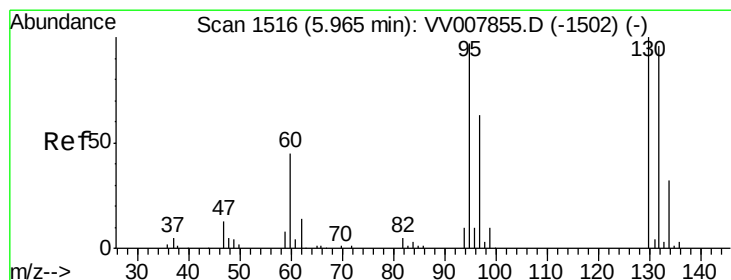
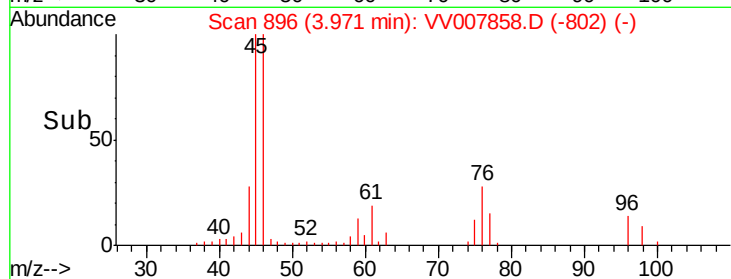
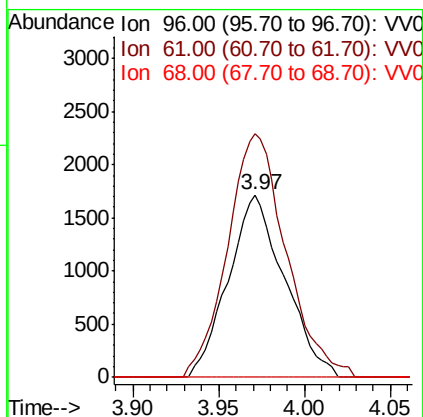
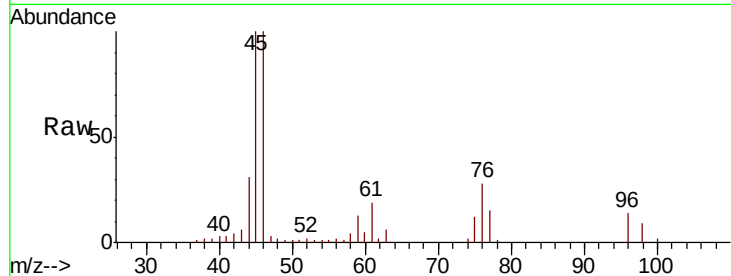




#20
 cis-1,2-Dichloroethene
 Concen: 2.758 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

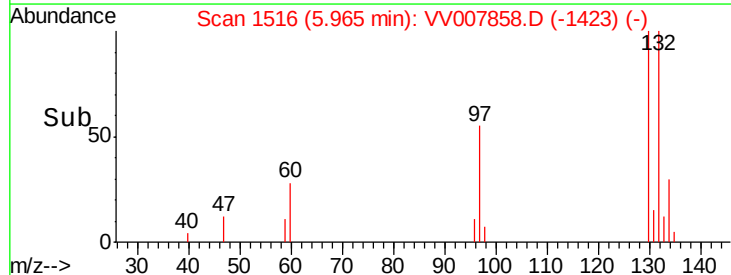
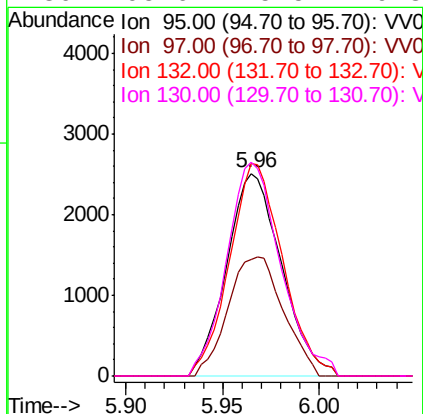
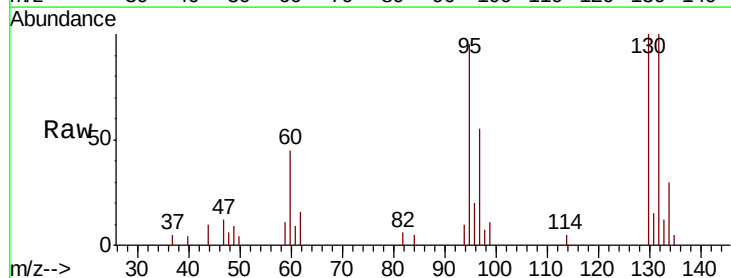
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 MSVOA_V
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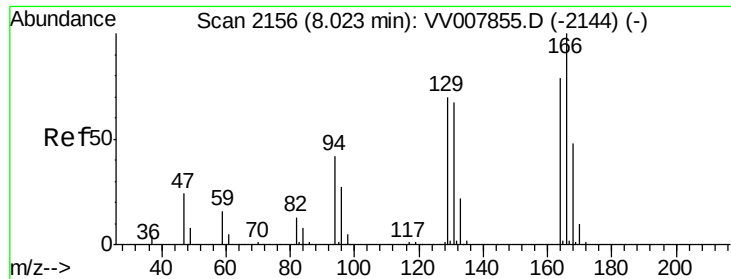
Tot Ion: 96 Resp: 3910
 Ion Ratio Lower Upper
 96 100
 61 133.4 92.6 172.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.486 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

Tgt Ion: 95 Resp: 4960
 Ion Ratio Lower Upper
 95 100
 97 57.7 45.4 84.2
 132 105.3 72.2 134.0
 130 105.6 75.5 140.3





#46

Tetrachloroethene

Concen: 47.235 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

Instrument :
MSVOA_V
ClientSampleId :
E5FE3DL

Tot Ion:164 Resp: 64574

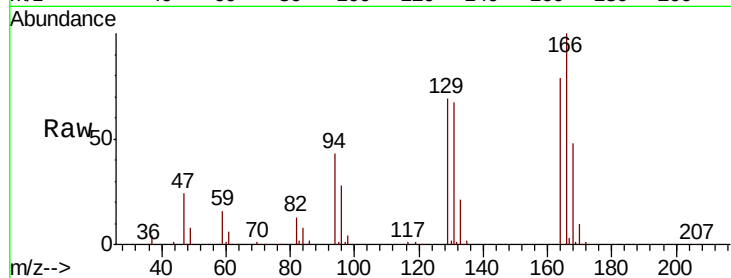
Ion Ratio Lower Upper

164 100

129 87.5 60.9 113.1

131 85.0 58.8 109.2

166 126.9 88.8 164.8



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

