

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007857.D
 Acq On : 25 Sep 2018 16:46
 Operator : SY/MD
 Sample : J5043-19DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF9DL

Quant Time: Sep 26 05:11:12 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	201997	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56825	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.59	69	51544	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.14	63	95600	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.95	46	52845	61.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.92%
24) Chloroform-d	4.41	84	111396	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.09	65	87337	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.10	84	242640	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.12	67	77198	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.36	98	238904	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.67	79	33919	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.14	63	57609	83.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104305	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	103433	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

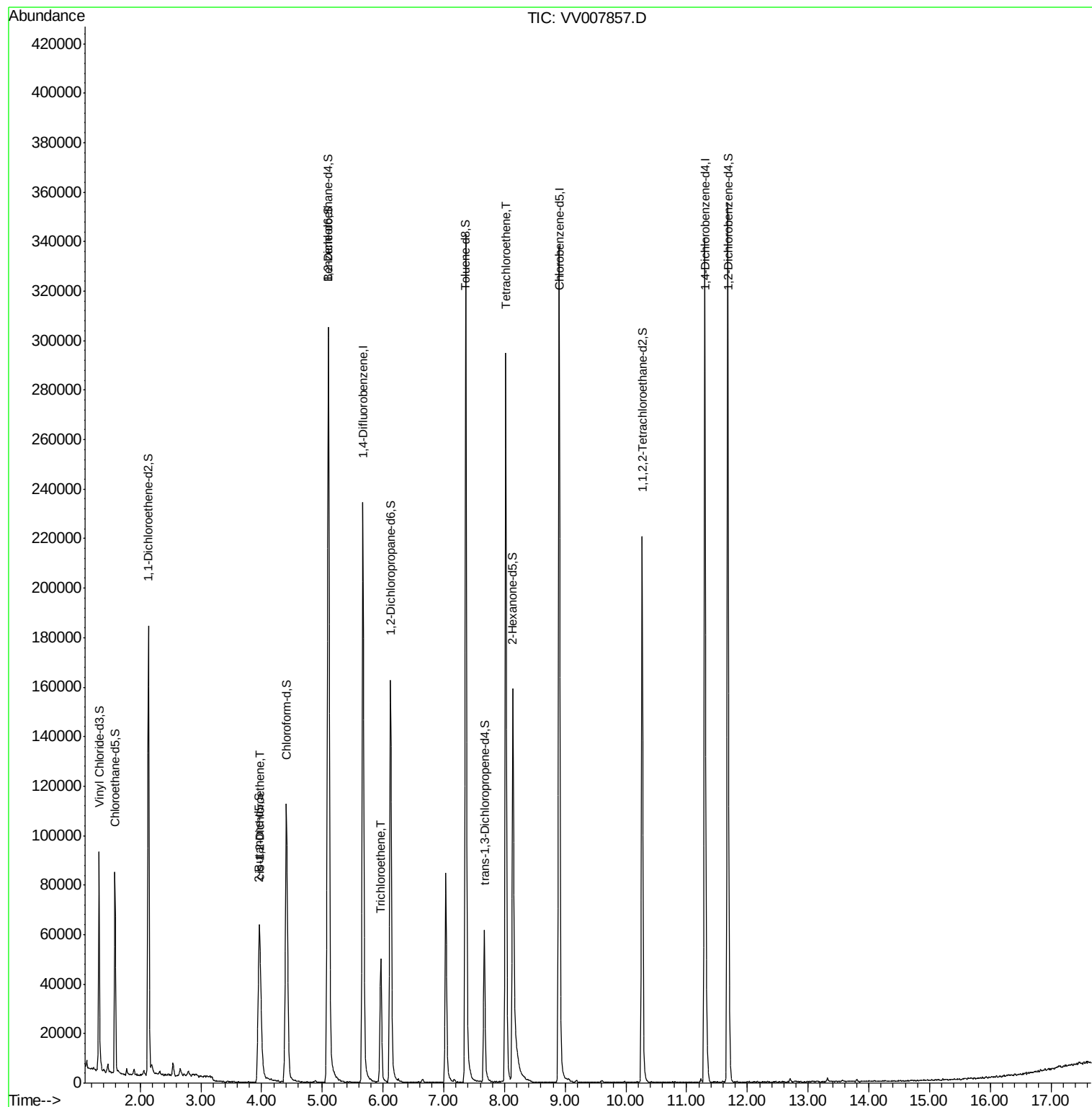
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	12882	8.966 ug/L	97
34) Trichloroethene	5.96	95	16878	11.682 ug/L	97
46) Tetrachloroethene	8.02	164	69367	49.965 ug/L	98

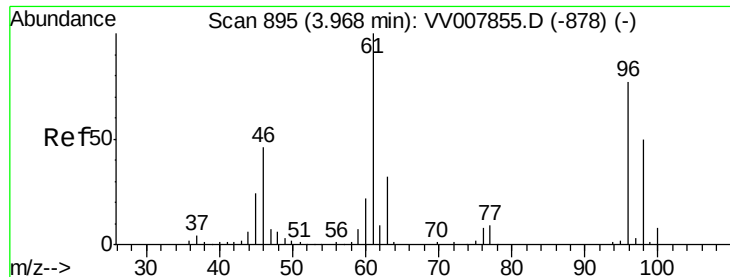
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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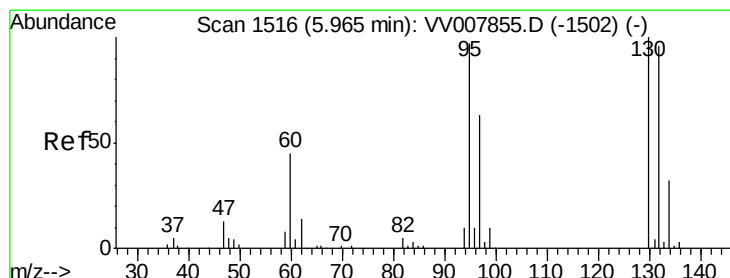
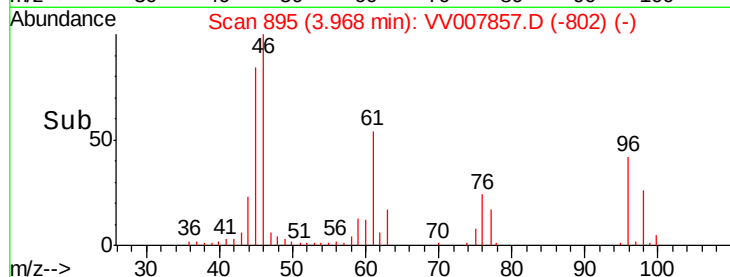
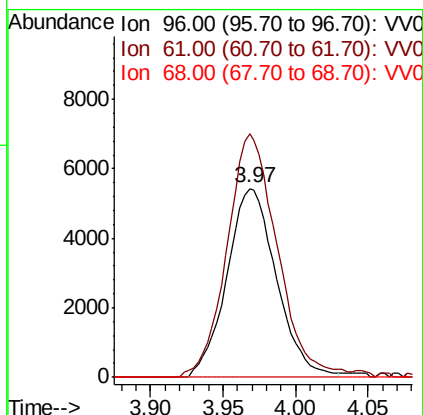
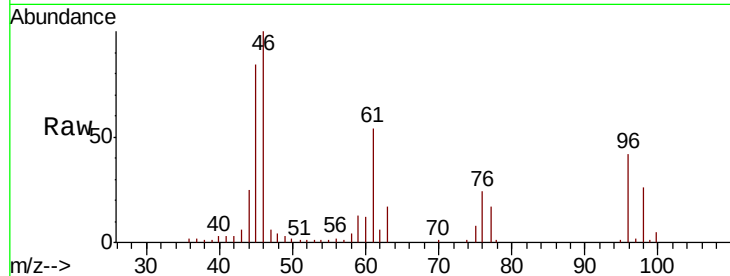




#20
 cis-1,2-Dichloroethene
 Concen: 8.966 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

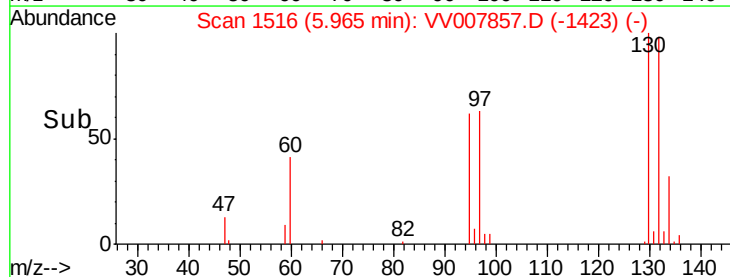
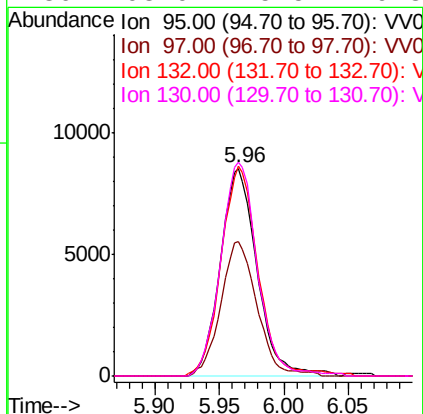
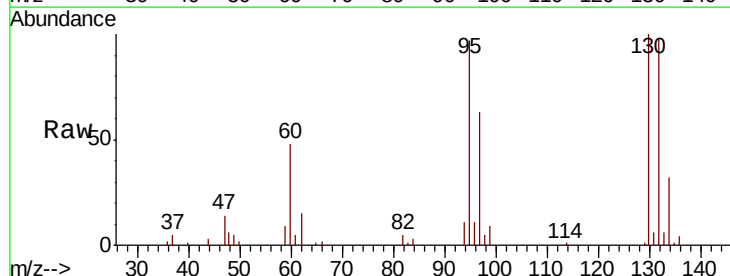
Instrument :
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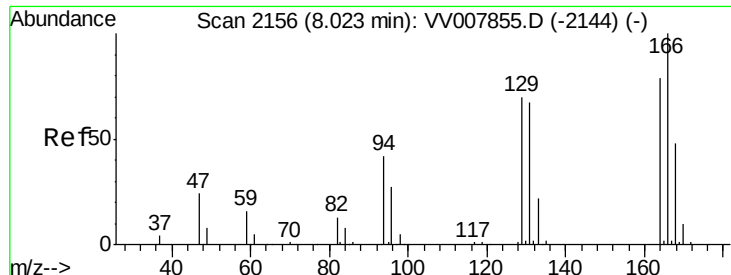
Tot Ion: 96 Resp: 12882
 Ion Ratio Lower Upper
 96 100
 61 129.0 92.6 172.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 11.682 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

Tgt Ion: 95 Resp: 16878
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.4 84.2
 132 101.3 72.2 134.0
 130 103.0 75.5 140.3





#46

Tetrachloroethene

Concen: 49.965 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007857.D

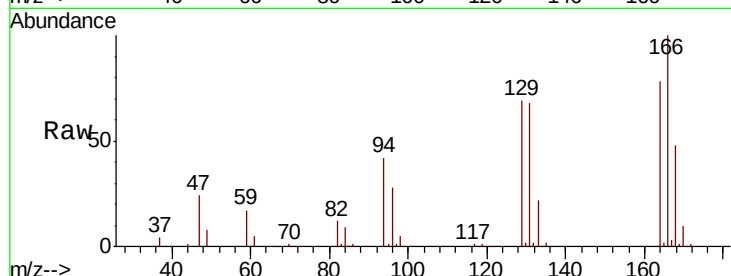
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Tot Ion:164 Resp: 69367

Ion Ratio Lower Upper

164 100

129 88.8 60.9 113.1

131 87.0 58.8 109.2

166 128.4 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

