

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004084.D
 Acq On : 20 Jul 2018 18:27
 Operator : SY/AP
 Sample : J4037-12
 Misc : 6.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY54

Quant Time: Jul 21 06:13:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	256492	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	243167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	94666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55759	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
7) Chloroethane-d5	2.89	69	41462	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.01	63	95663	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.09	46	67618	45.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.90%
24) Chloroform-d	7.65	84	154573	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	96435	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.28	84	268586	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.28	67	98539	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.33	98	223346	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.58	79	38508	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	10.93	63	51038	50.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	106301	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	82809	27.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.80%

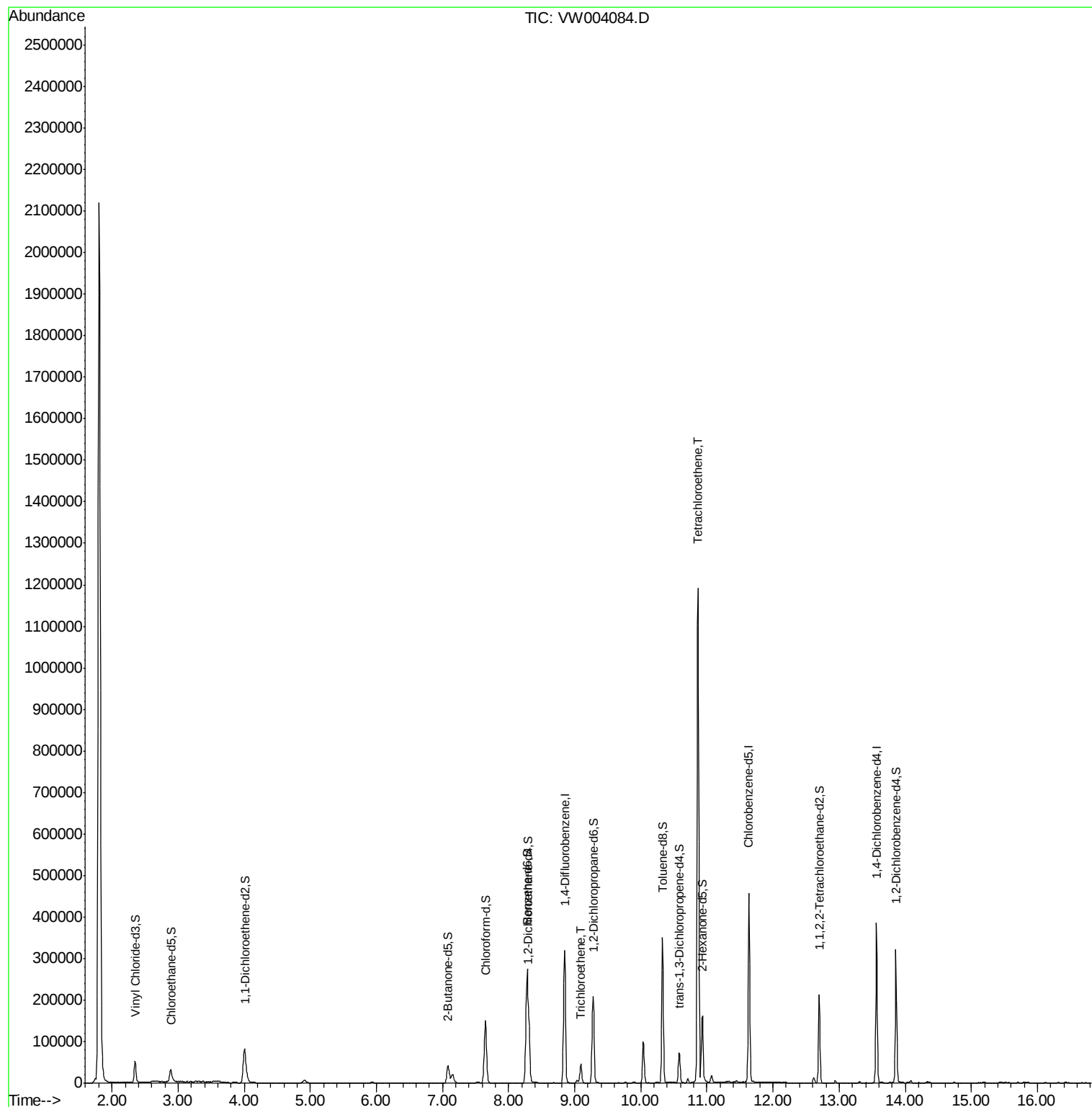
Target Compounds					Qvalue
35) Trichloroethene	9.09	95	14932	3.744 ug/L	97
47) Tetrachloroethene	10.87	164	259354	80.634 ug/L	92

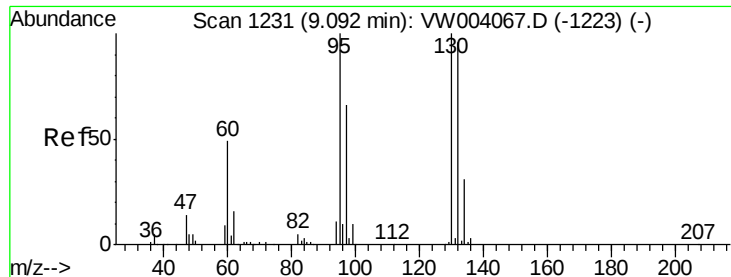
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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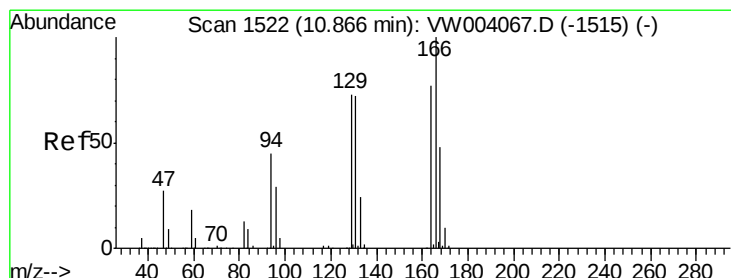
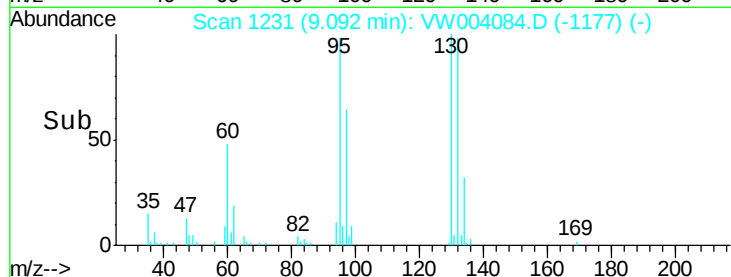
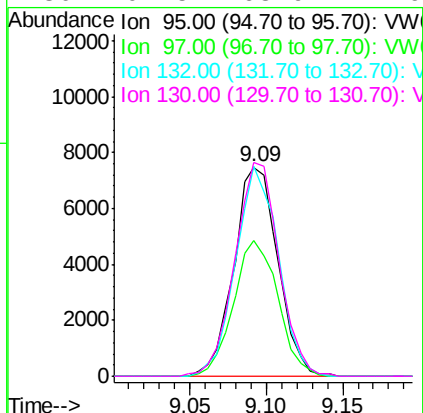
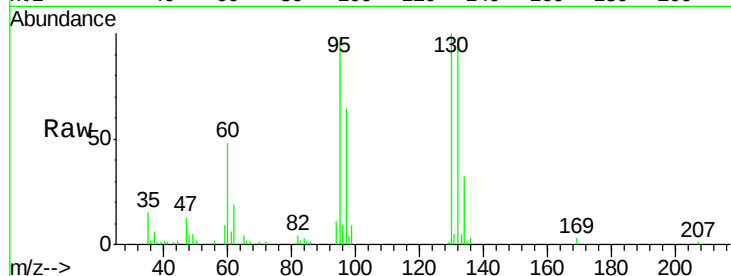




#35
 Trichloroethene
 Concen: 3.744 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004084.D
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Tgt Ion: 95 Resp: 14932
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.7 83.1
 132 97.3 66.1 122.7
 130 102.5 68.9 127.9



#47
 Tetrachloroethene
 Concen: 80.634 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
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Tgt Ion: 164 Resp: 259354
 Ion Ratio Lower Upper
 164 100
 129 99.5 63.1 117.3
 131 94.8 62.8 116.6
 166 130.7 84.6 157.2

