

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004043.D
 Acq On : 19 Jul 2018 18:38
 Operator : VA/AP
 Sample : J4037-04
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY47

Quant Time: Jul 20 06:56:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	254751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	183260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65309	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
7) Chloroethane-d5	2.89	69	49444	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.01	63	106127	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.08	46	66847	45.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.48%
24) Chloroform-d	7.65	84	175095	28.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.84%
26) 1,2-Dichloroethane-d4	8.31	65	102816	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.92%
29) Benzene-d6	8.27	84	300939	35.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.64%#
33) 1,2-Dichloropropane-d6	9.28	67	110943	39.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.52%#
37) Toluene-d8	10.33	98	222138	29.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.32%
38) trans-1,3-Dichloropropene-	10.58	79	29142	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	45526	59.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96138	30.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.80%#
61) 1,2-Dichlorobenzene-d4	13.87	152	42483	34.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.56%#

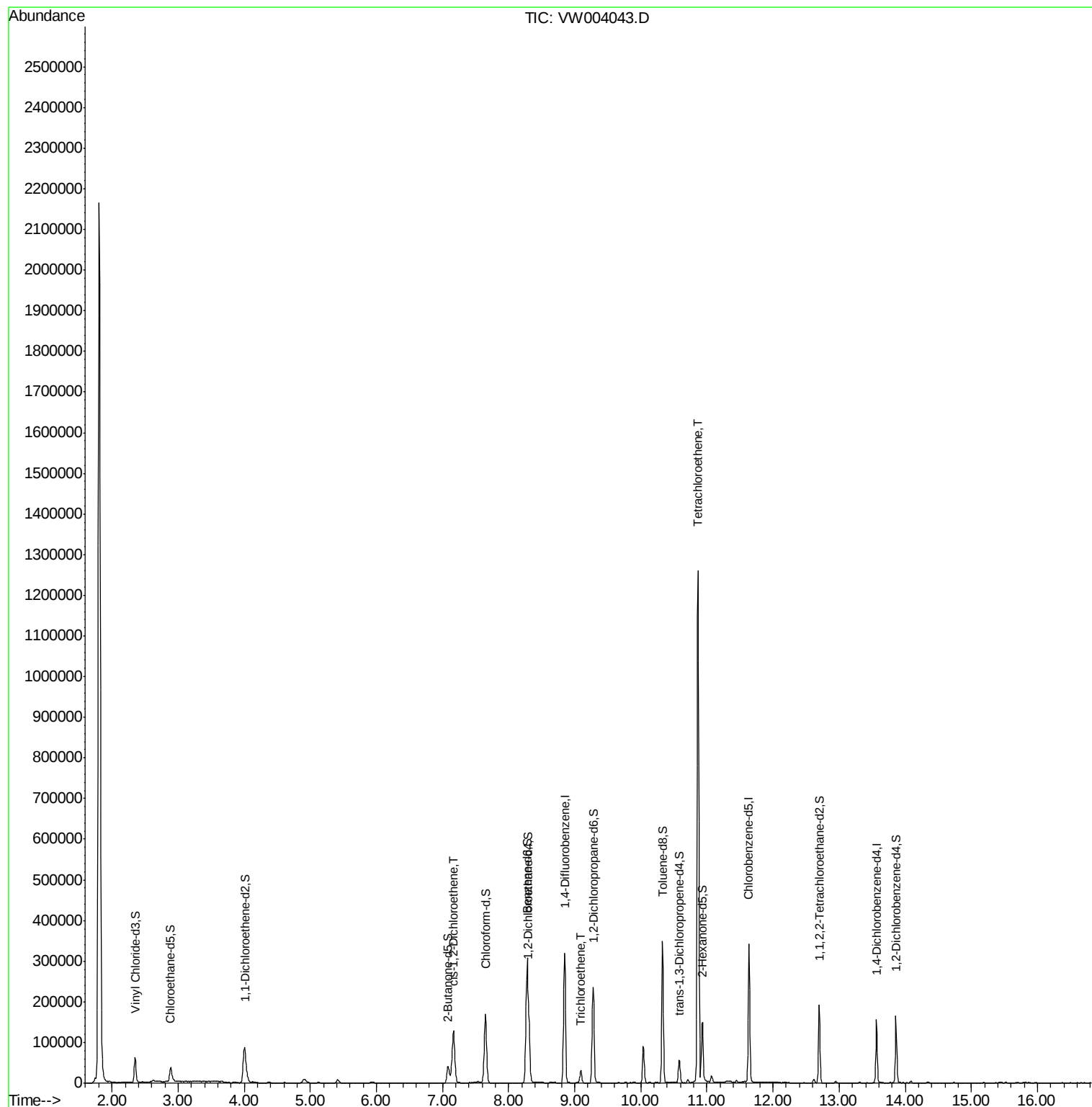
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	7.17	96	62151	16.655 ug/L	96
35) Trichloroethene	9.09	95	10266	3.416 ug/L	96
47) Tetrachloroethene	10.87	164	279093	115.135 ug/L	96

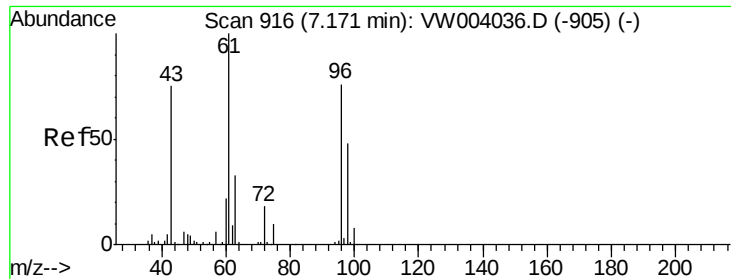
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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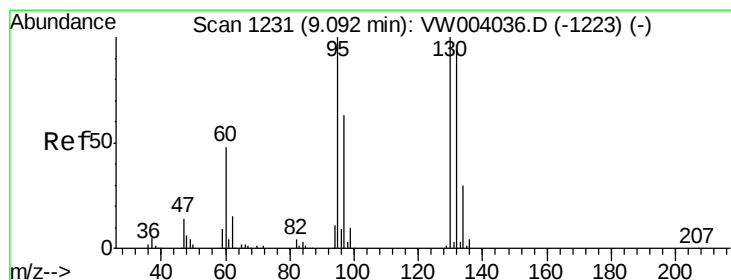
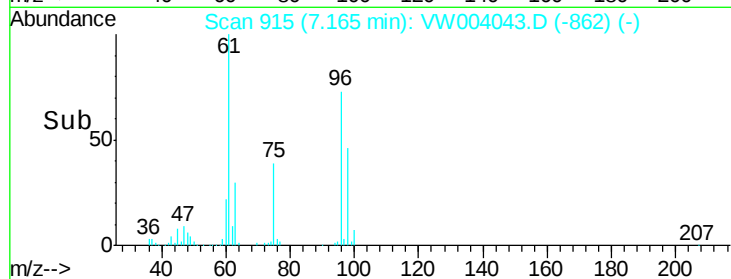
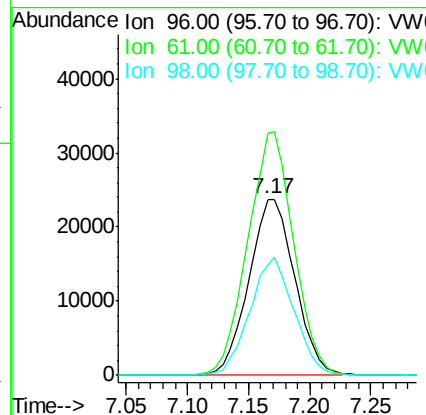
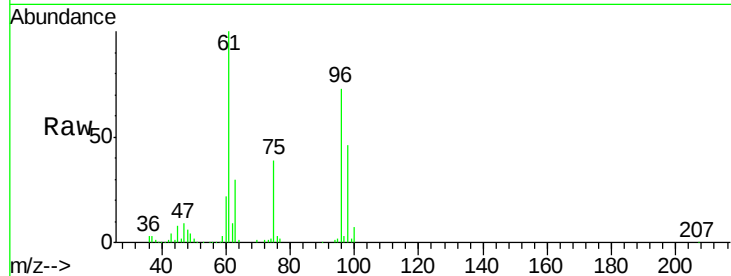


#22

cis-1,2-Dichloroethene
Concen: 16.655 ug/L
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW004043.D
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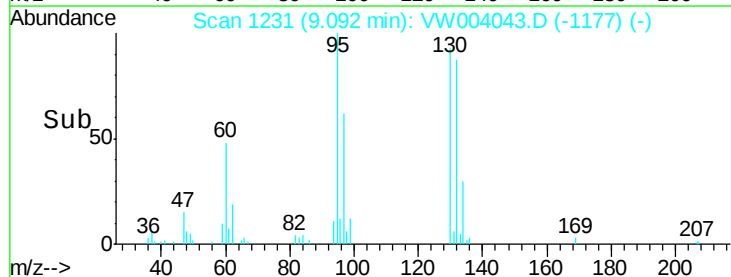
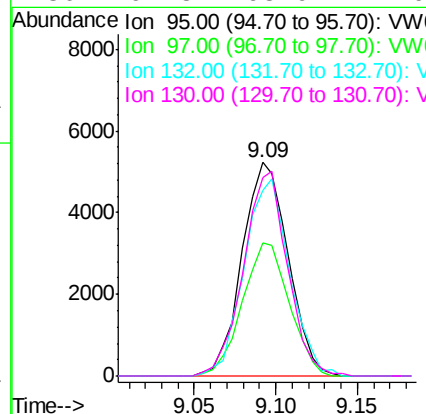
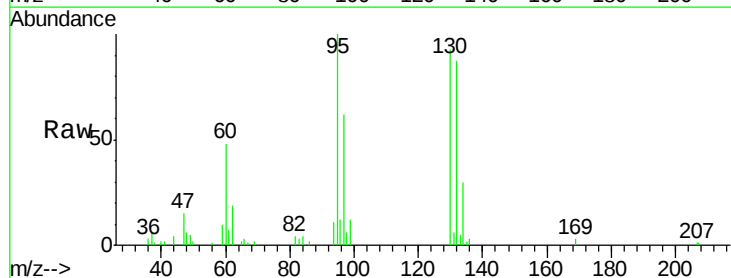
Tgt Ion: 96 Resp: 62151
Ion Ratio Lower Upper
96 100
61 137.6 92.5 171.9
98 62.8 43.0 80.0

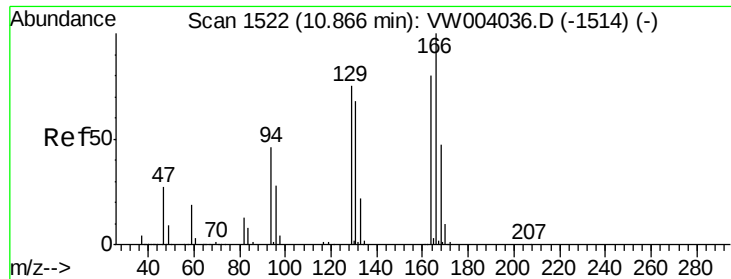


#35

Trichloroethene
Concen: 3.416 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004043.D
Acq: 19 Jul 2018 18:38

Tgt Ion: 95 Resp: 10266
Ion Ratio Lower Upper
95 100
97 63.3 44.7 83.1
132 91.1 66.1 122.7
130 91.8 68.9 127.9





#47

Tetrachloroethene

Concen: 115.135 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004043.D

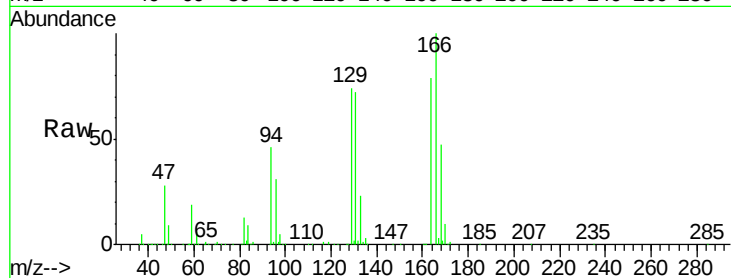
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Tgt Ion:164 Resp: 279093

Ion Ratio Lower Upper

164 100

129 93.7 63.1 117.3

131 91.1 62.8 116.6

166 126.4 84.6 157.2

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

