

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072118\
 Data File : VW004112.D
 Acq On : 21 Jul 2018 14:06
 Operator : SY/AP
 Sample : J4037-13
 Misc : 6.19G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY55

Quant Time: Jul 23 00:04:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	313701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	144438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54982	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.68%
7) Chloroethane-d5	2.89	69	40740	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
10) 1,1-Dichloroethene-d2	4.01	63	96693	12.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.08%
20) 2-Butanone-d5	7.08	46	84116	45.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.90%
24) Chloroform-d	7.65	84	159518	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	8.31	65	103900	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.12%
29) Benzene-d6	8.28	84	277650	19.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.32%
33) 1,2-Dichloropropane-d6	9.28	67	102463	21.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.44%
37) Toluene-d8	10.33	98	236317	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.28%
38) trans-1,3-Dichloropropene-	10.59	79	41763	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.32%
39) 2-Hexanone-d5	10.93	63	55750	42.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	117642	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	99771	21.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.92%

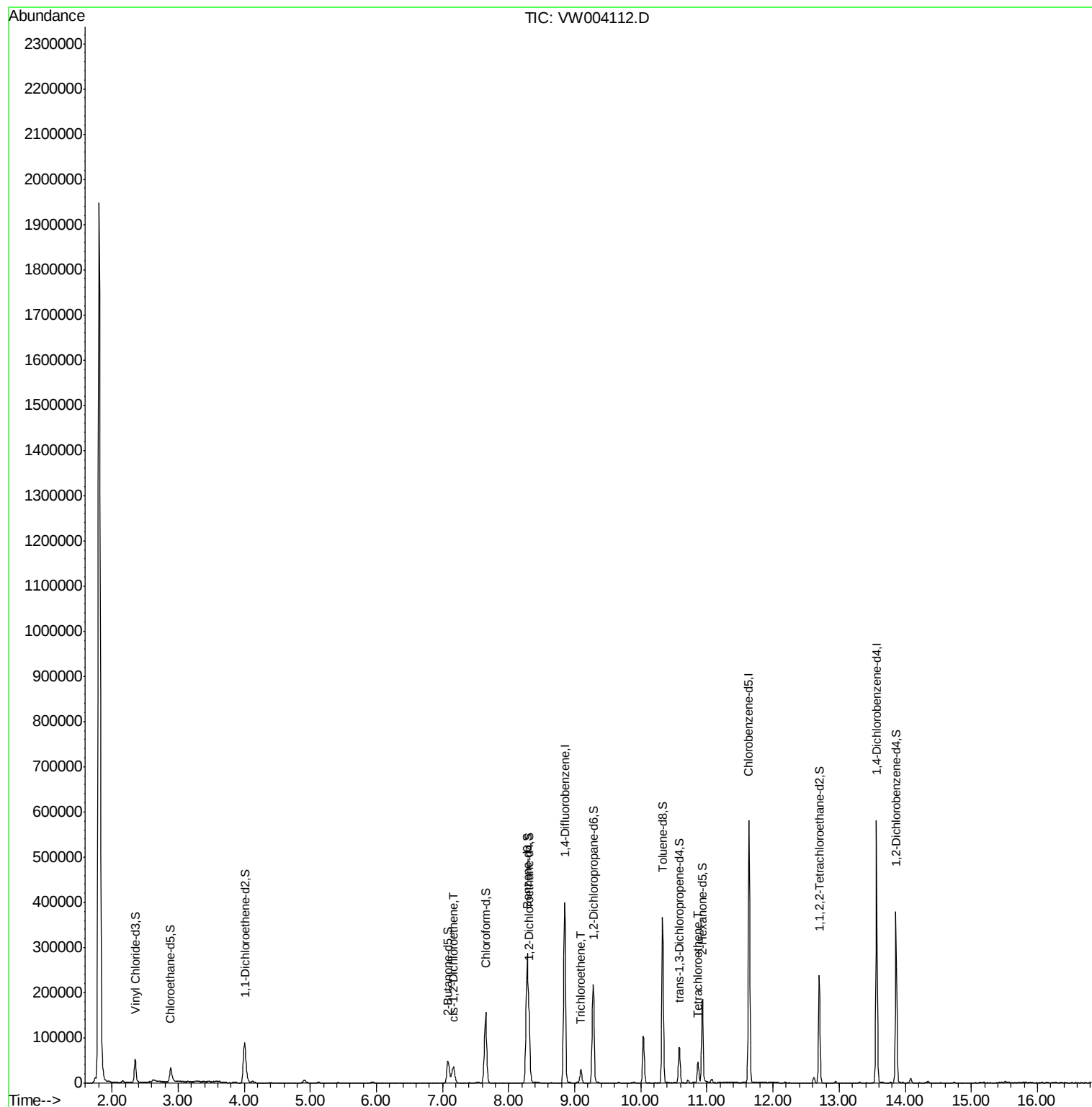
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	15847	3.391 ug/L	99
35) Trichloroethene	9.10	95	10307	2.003 ug/L	98
47) Tetrachloroethene	10.87	164	9289	2.239 ug/L	89

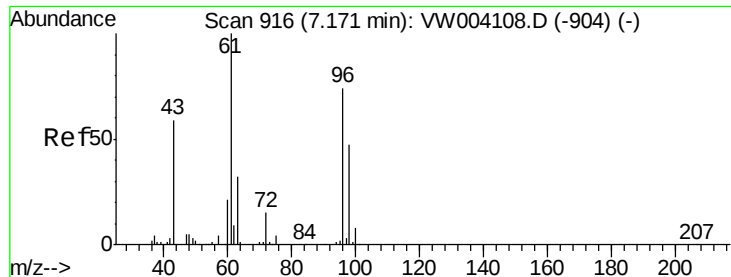
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 3.391 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

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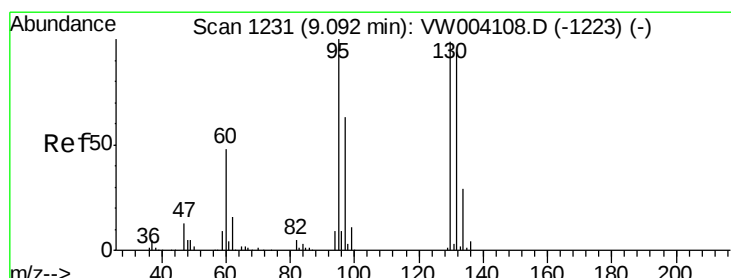
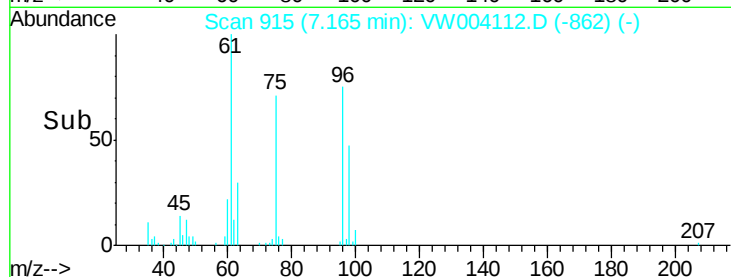
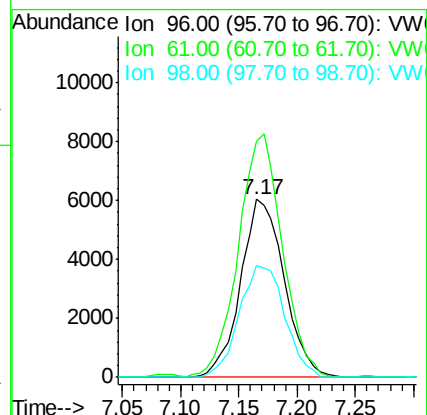
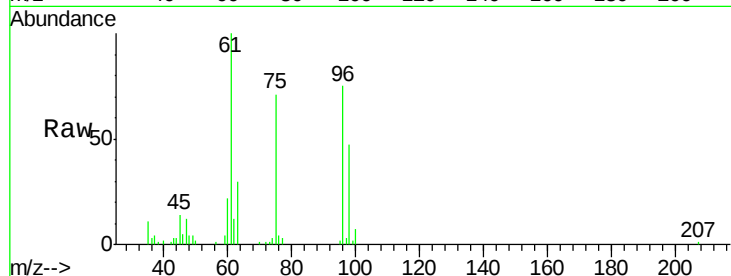
Tot Ion: 96 Resp: 15847

Ion Ratio Lower Upper

96 100

61 132.6 92.5 171.9

98 62.7 43.0 80.0



#35

Trichloroethene

Concen: 2.003 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

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Acq: 21 Jul 2018 14:06

Tgt Ion: 95 Resp: 10307

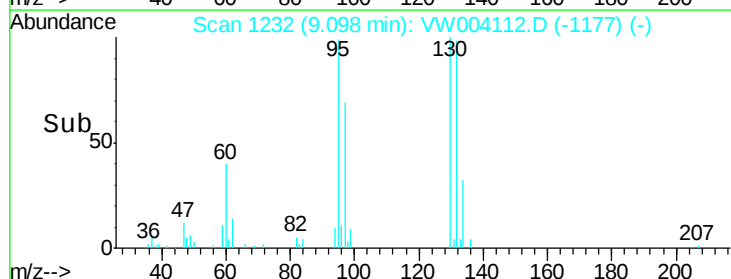
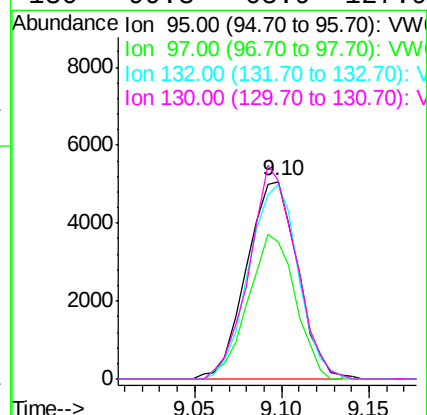
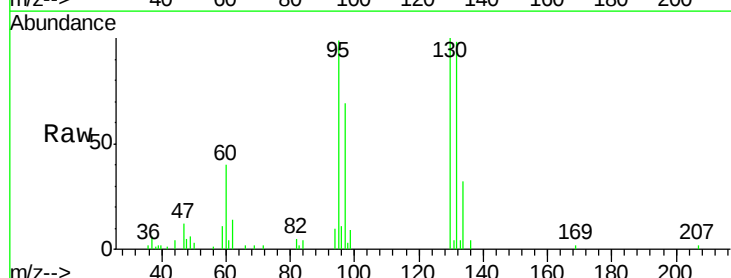
Ion Ratio Lower Upper

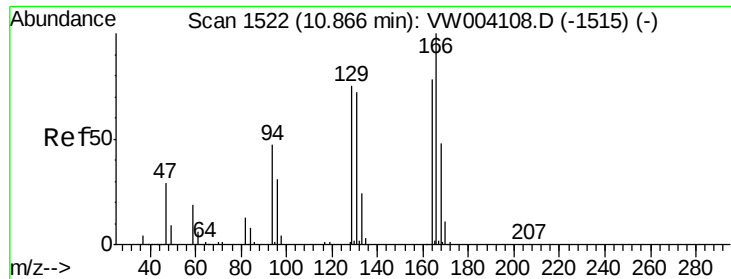
95 100

97 67.6 44.7 83.1

132 95.1 66.1 122.7

130 99.3 68.9 127.9





#47

Tetrachloroethene

Concen: 2.239 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004112.D

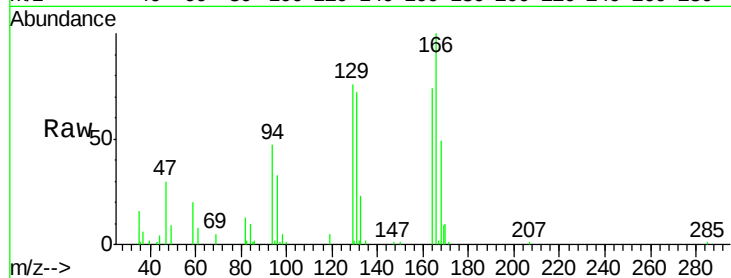
Acq: 21 Jul 2018 14:06

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Tot Ion:164 Resp: 9289

Ion Ratio Lower Upper

164 100

129 102.2 63.1 117.3

131 97.4 62.8 116.6

166 134.4 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

