

Data File : VW011498.D
Acq On : 25 Jul 2019 14:52
Operator : SY/VA
Sample : K3979-08
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB928

Quant Time: Jul 26 01:09:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 01:06:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	309898	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128155	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110163	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.52%
7) Chloroethane-d5	2.89	69	79097	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
10) 1,1-Dichloroethene-d2	4.01	63	185523	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.16%
20) 2-Butanone-d5	7.07	46	103075	58.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.02%
24) Chloroform-d	7.65	84	209539	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.31	65	134646	28.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.12%
29) Benzene-d6	8.27	84	440460	26.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.08%
33) 1,2-Dichloropropane-d6	9.27	67	147426	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.56%
37) Toluene-d8	10.32	98	384807	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.58	79	60045	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.36%
39) 2-Hexanone-d5	10.92	63	69487	59.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122916	28.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	132927	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

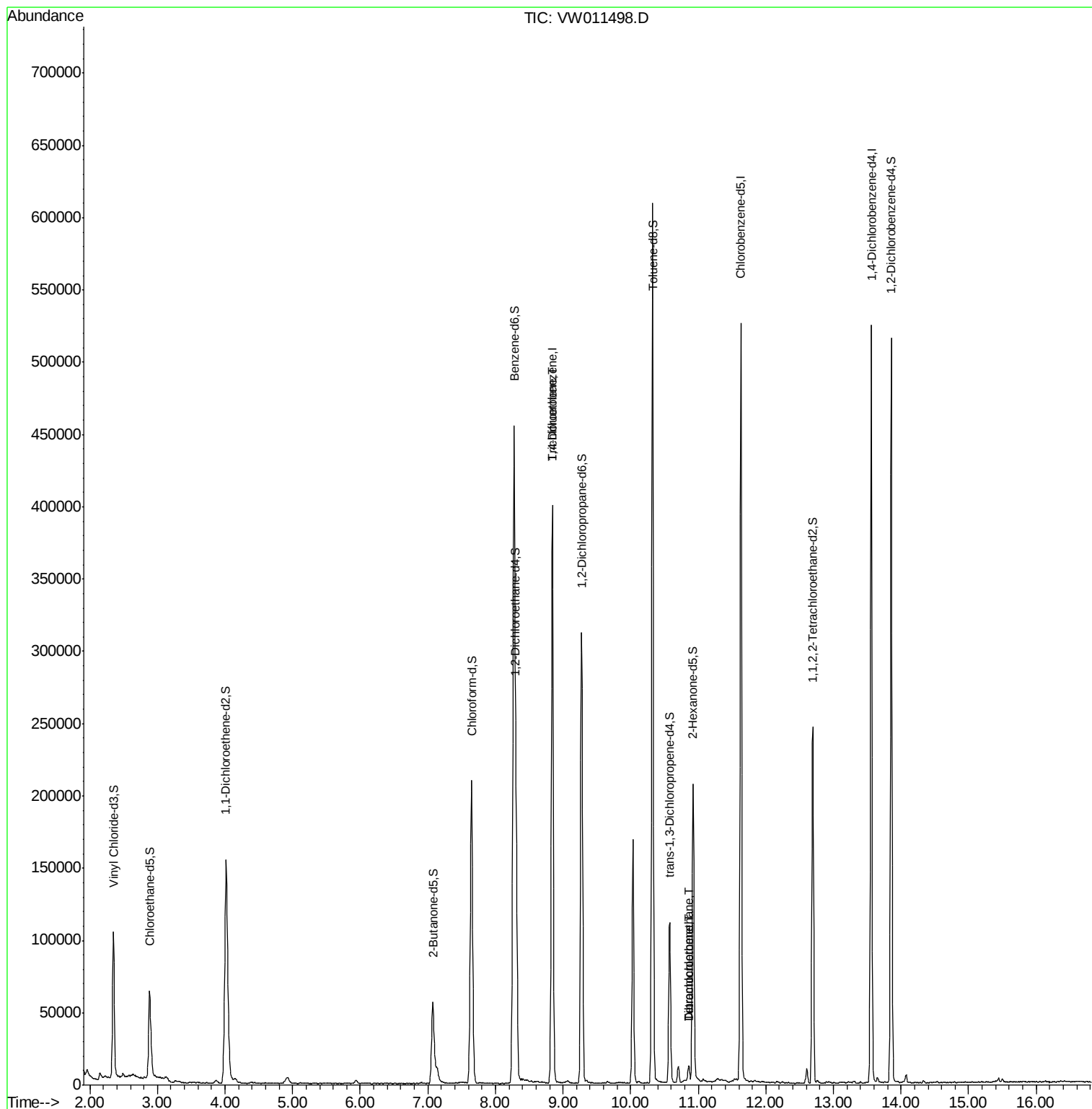
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	9834	2.126 ug/L #	6
47) Tetrachloroethene	10.87	164	2557	0.721 ug/L	83
50) Dibromochloromethane	10.86	129	2279	0.629 ug/L #	11

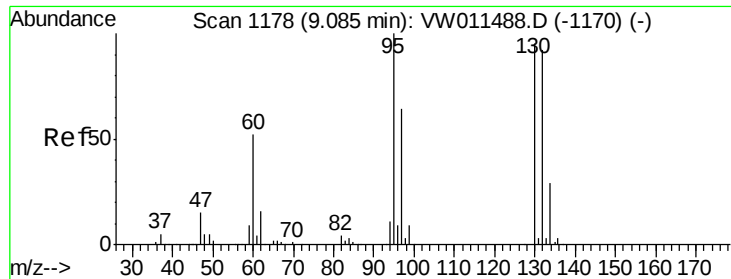
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.126 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 9834

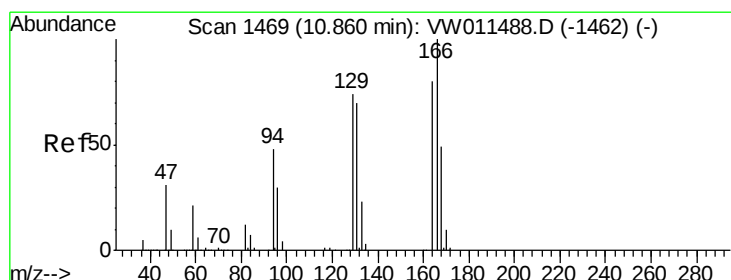
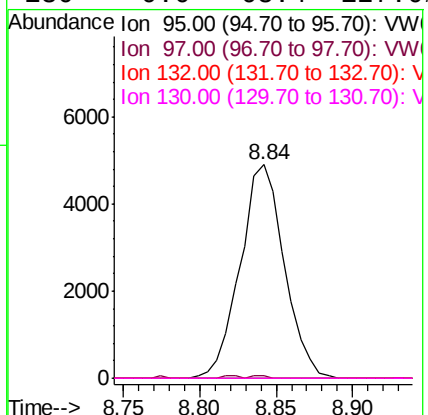
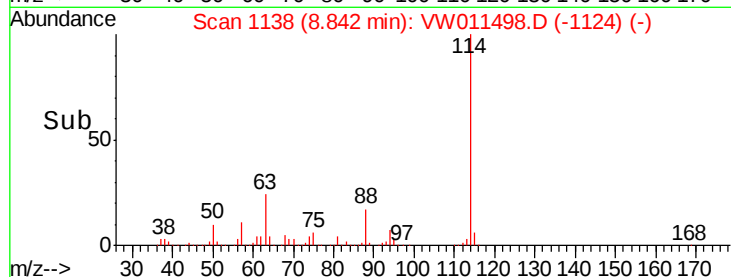
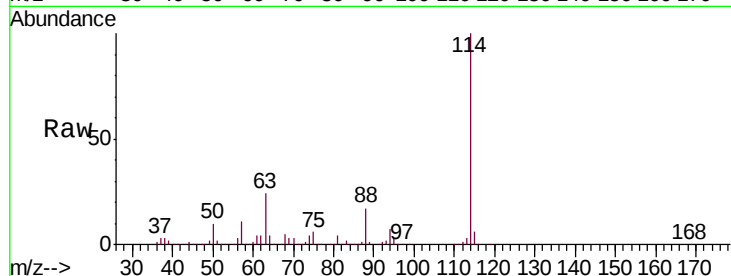
Ion Ratio Lower Upper

95 100

97 0.4 44.6 82.8#

132 0.0 66.0 122.6#

130 0.0 68.4 127.0#



#47

Tetrachloroethene

Concen: 0.721 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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Tgt Ion: 164 Resp: 2557

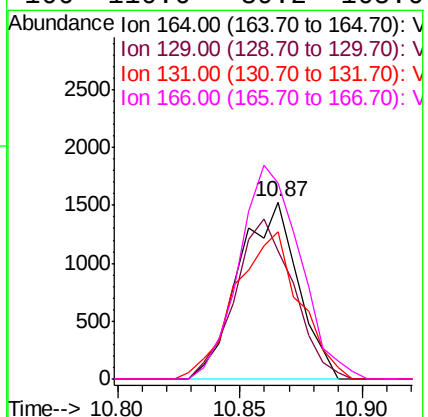
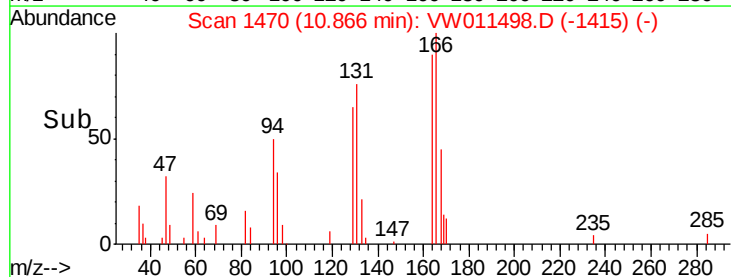
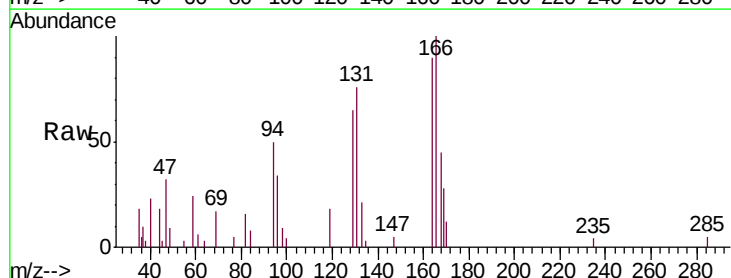
Ion Ratio Lower Upper

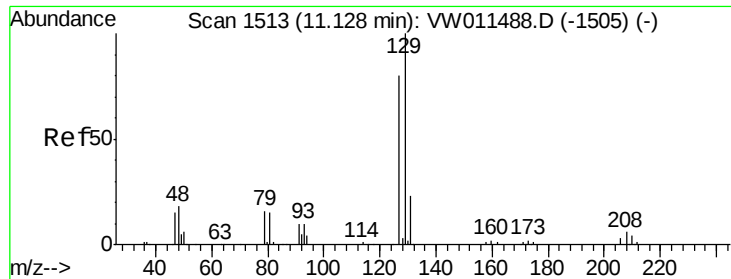
164 100

129 72.2 69.0 128.1

131 83.6 64.5 119.7

166 110.6 89.2 165.6





#50

Dibromochloromethane

Concen: 0.629 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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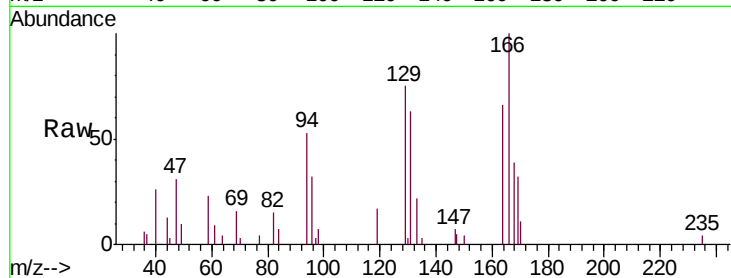
DB928

Tgt Ion:129 Resp: 2279

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

