

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004465.D
 Acq On : 03 Aug 2018 23:15
 Operator : SY/AP
 Sample : J4299-15
 Misc : 6.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF3

Quant Time: Aug 04 02:28:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 02:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	785522	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	841135	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	359037	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	285657	29.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.96%
7) Chloroethane-d5	2.89	69	227311	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.60%
10) 1,1-Dichloroethene-d2	4.01	63	407675	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.20%
20) 2-Butanone-d5	7.09	46	269180	62.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.96%
24) Chloroform-d	7.65	84	542868	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	8.31	65	333773	28.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.60%
29) Benzene-d6	8.28	84	1063664	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	9.28	67	353744	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.76%
37) Toluene-d8	10.33	98	923533	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	10.59	79	141032	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
39) 2-Hexanone-d5	10.93	63	207895	58.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	423251	26.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	376625	27.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.72%

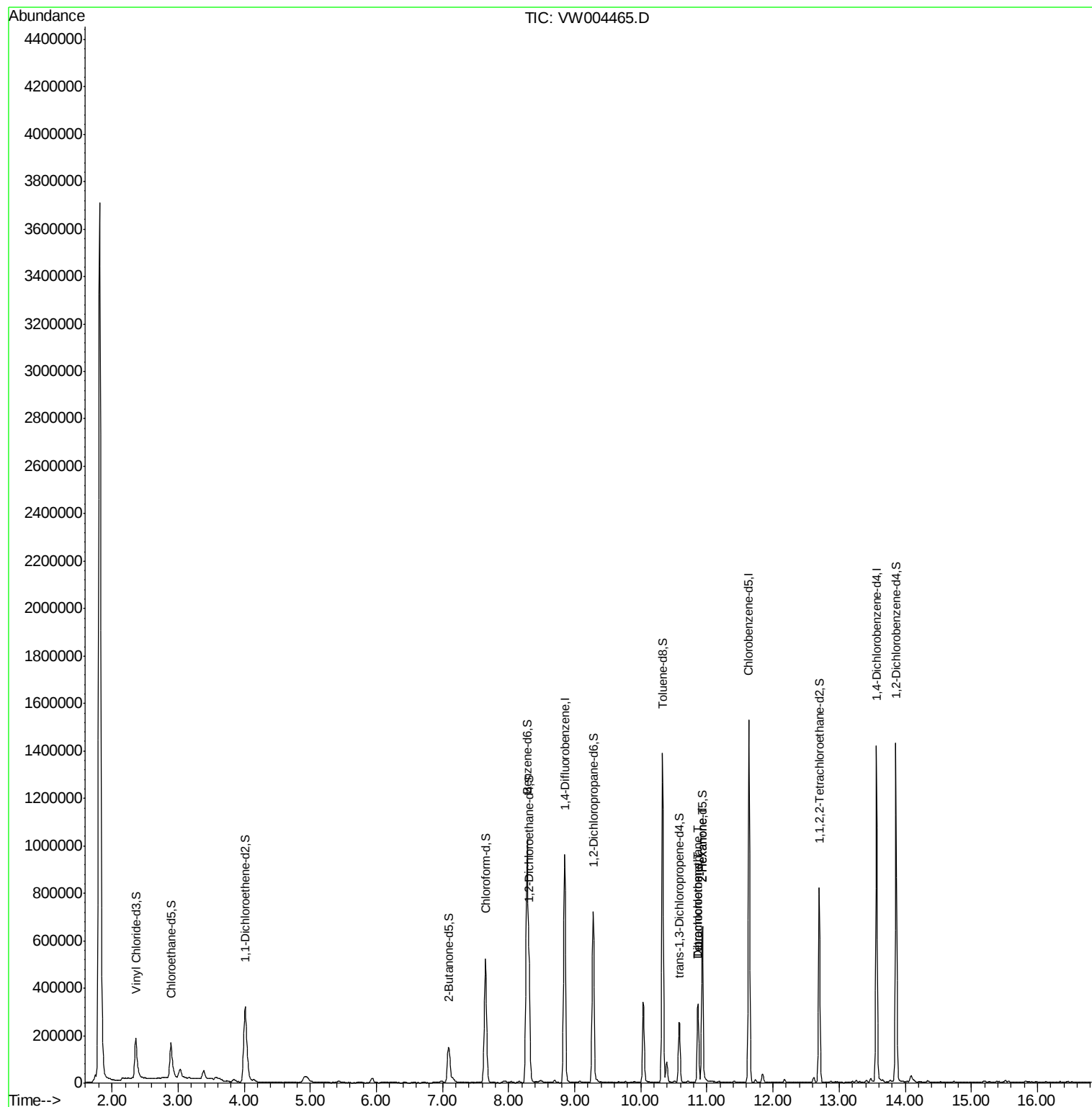
Target Compounds					Qvalue
47) Tetrachloroethene	10.87	164	75346	7.300 ug/L	96
49) 2-Hexanone	10.93	43	29458	3.806 ug/L #	40
50) Dibromochloromethane	10.87	129	72199	6.095 ug/L #	11

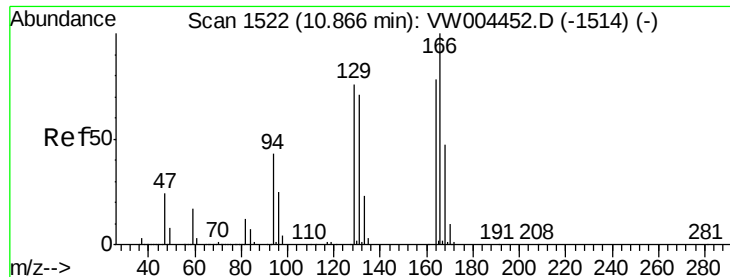
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 7.300 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004465.D

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Instrument :

MSVOA_W

ClientSampleId :

C0AF3

Tgt Ion:164 Resp: 75346

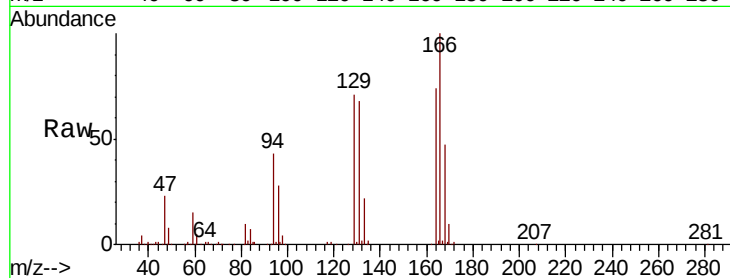
Ion Ratio Lower Upper

164 100

129 96.1 65.4 121.4

131 91.6 63.8 118.6

166 134.5 88.1 163.5

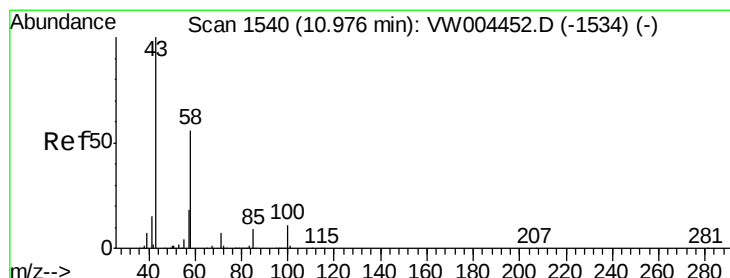
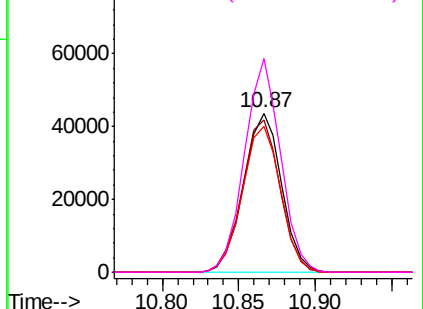
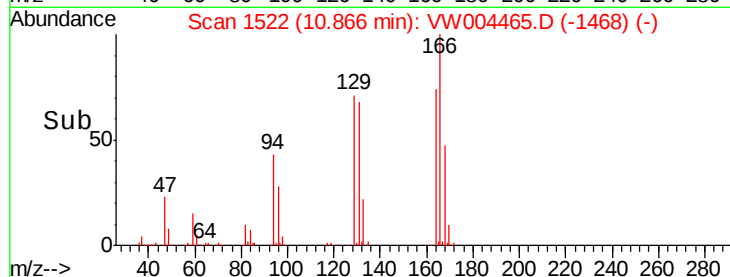


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 3.806 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 29458

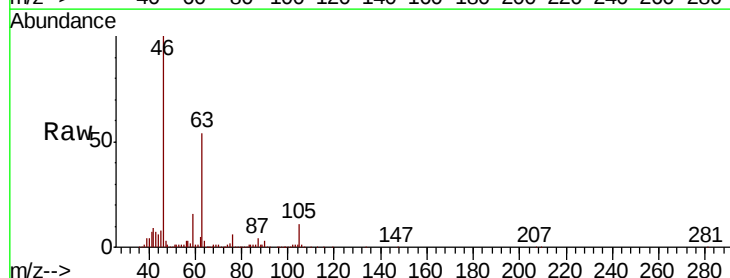
Ion Ratio Lower Upper

43 100

58 0.8 43.4 65.0#

57 35.7 15.0 22.6#

100 1.4 8.9 13.3#

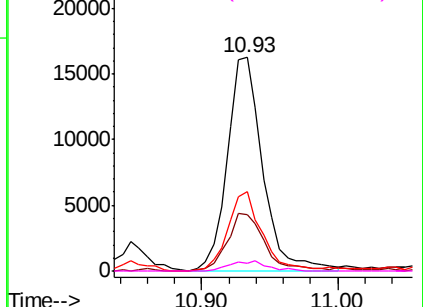
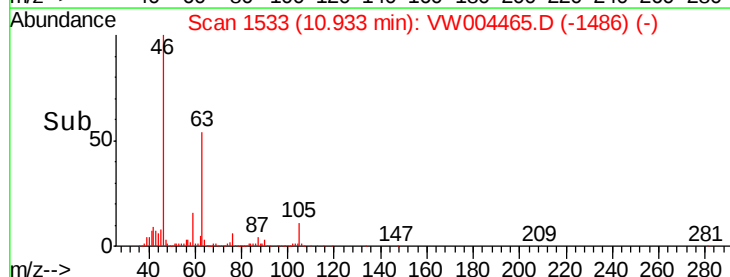


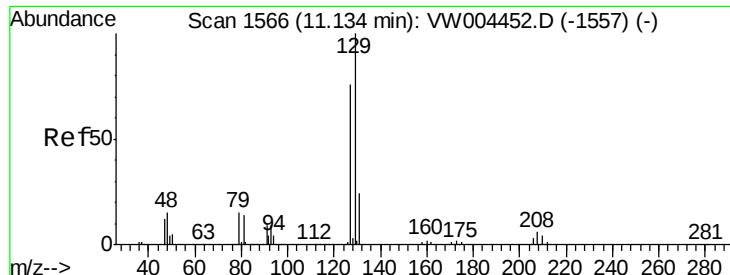
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50
 Dibromochloromethane
 Concen: 6.095 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.27 min
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Tgt Ion:129 Resp: 72199
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#

