

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004176.D
 Acq On : 24 Jul 2018 15:27
 Operator : SY/AP
 Sample : J4040-09
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 18:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 15:53:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	315723	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	55602	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
7) Chloroethane-d5	2.89	69	43244	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.84%
10) 1,1-Dichloroethene-d2	4.01	63	104351	13.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.72%
20) 2-Butanone-d5	7.09	46	84850	46.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.66%
24) Chloroform-d	7.65	84	184716	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	114241	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.24%
29) Benzene-d6	8.27	84	319667	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	9.28	67	119999	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.33	98	273729	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	47827	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.93	63	70135	52.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	130524	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	127871	24.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.96%

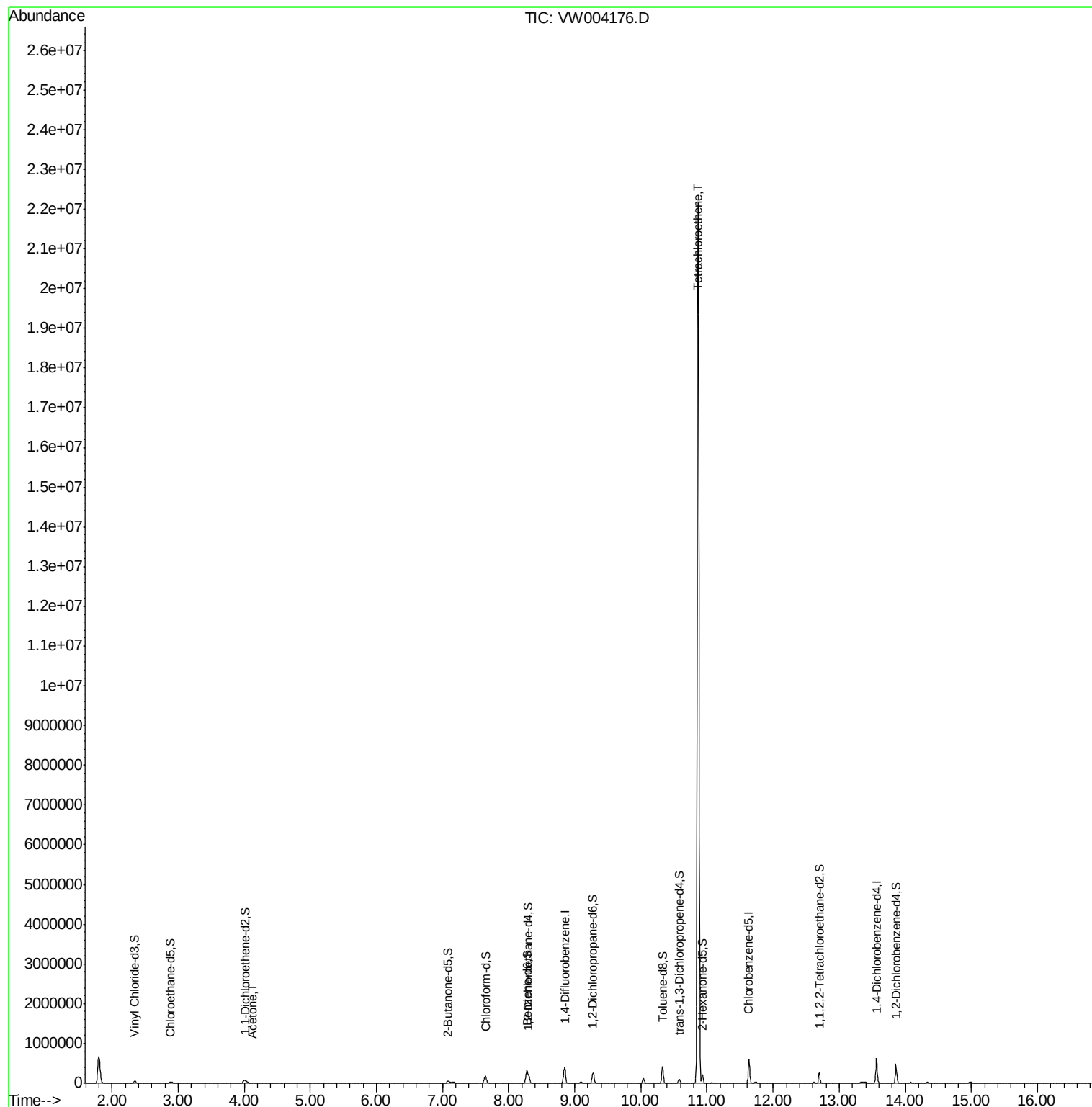
Target Compounds						Ovalue
13) Acetone	4.12	43	5009	2.52	ug/L	86
47) Tetrachloroethene	10.87	164	4838384	1141.05	ug/L	93

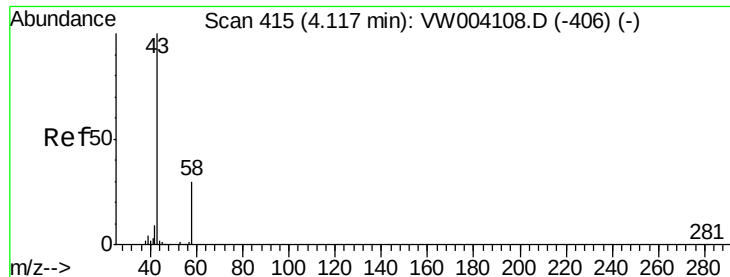
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.52 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004176.D

Acq: 24 Jul 2018 15:27

Instrument :

MSVOA_W

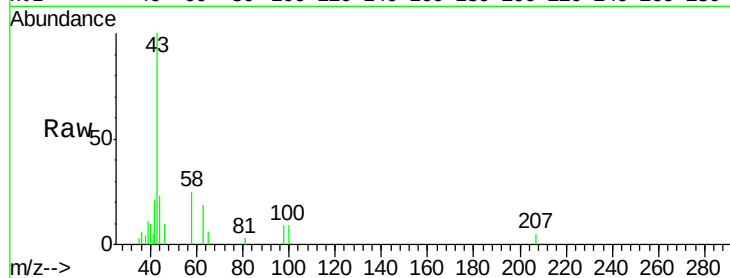
ClientSampleId :

Tot Ion: 43 Resp: 5009

Ion Ratio Lower Upper

43 100

58 22.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

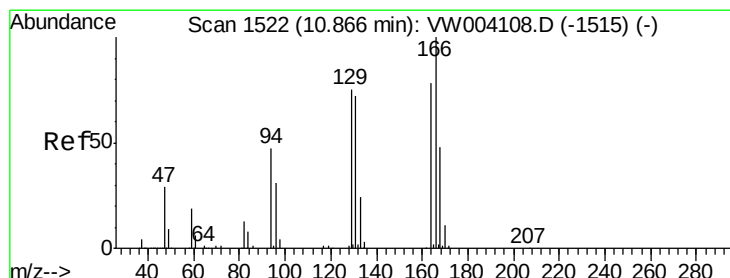
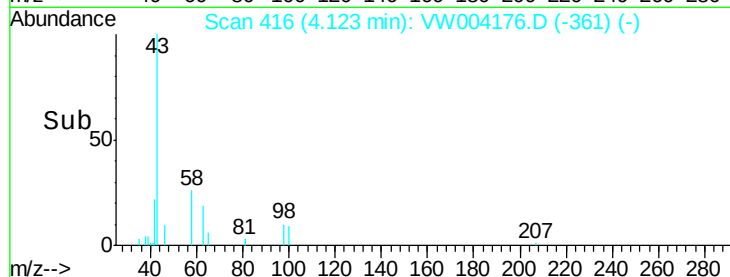
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#47

Tetrachloroethene

Concen: 1141.05 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Acq: 24 Jul 2018 15:27

Tgt Ion:164 Resp: 4838384

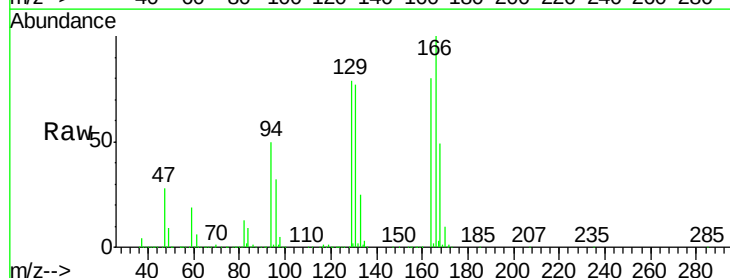
Ion Ratio Lower Upper

164 100

129 99.6 63.1 117.3

131 96.4 62.8 116.6

166 125.7 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

5000000

4000000

3000000

2000000

1000000

0

10.80 10.90

Time-->

