

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004177.D
 Acq On : 24 Jul 2018 15:53
 Operator : SY/AP
 Sample : J4040-10
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE9

Quant Time: Jul 24 18:53:39 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	312232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316333	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	148902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	55142	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	2.88	69	41877	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
10) 1,1-Dichloroethene-d2	4.01	63	102640	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.08	46	111261	61.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.86%
24) Chloroform-d	7.65	84	184629	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	119721	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	320959	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	9.27	67	122509	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	276859	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.58	79	50130	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.24%
39) 2-Hexanone-d5	10.93	63	91006	69.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150731	28.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	129480	27.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.16%

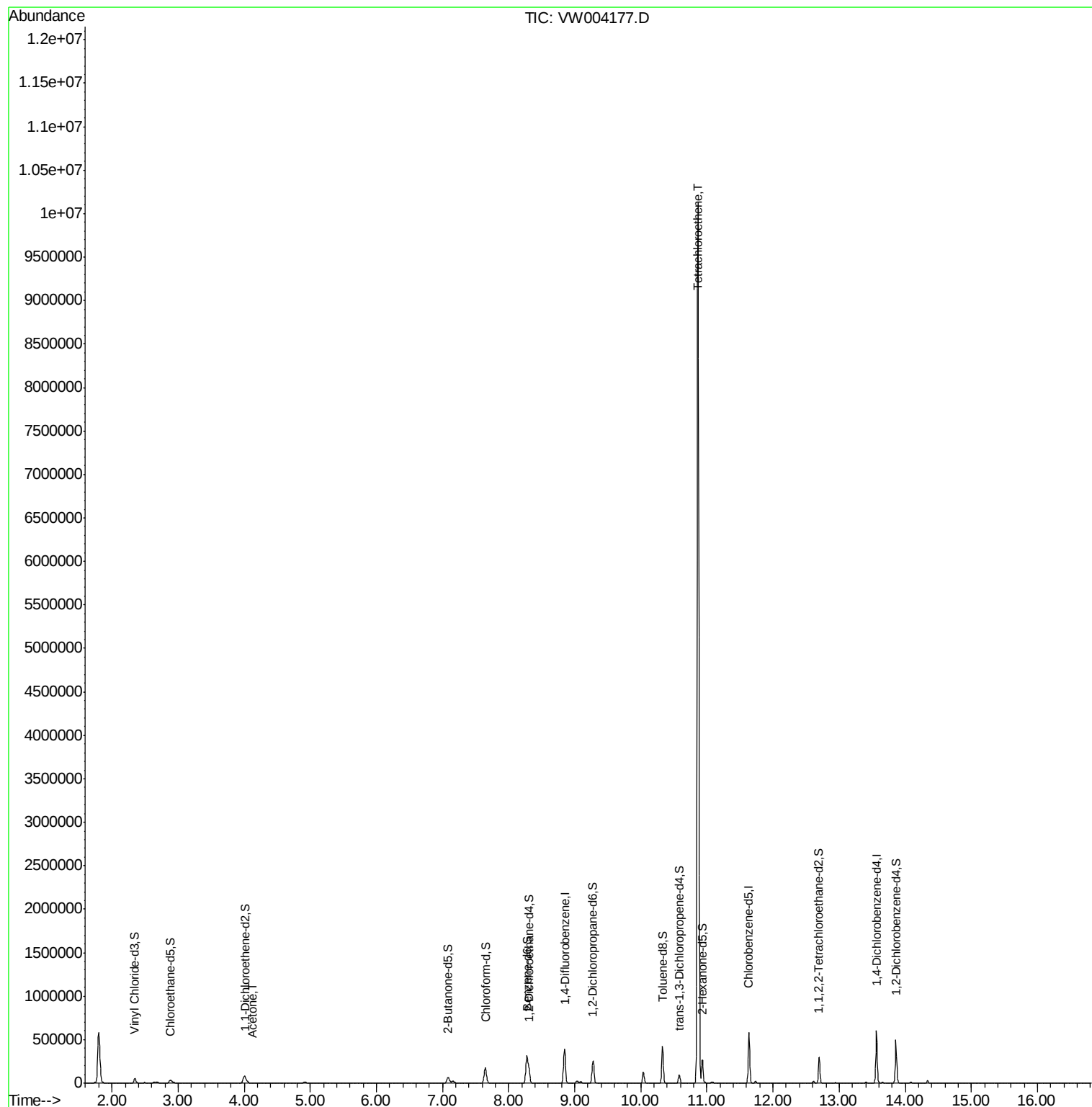
Target Compounds						Ovalue
13) Acetone	4.12	43	5595	2.84	ug/L	96
47) Tetrachloroethene	10.87	164	2216533	529.73	ug/L	95

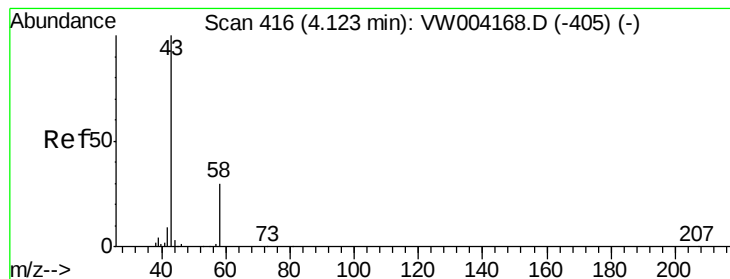
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.84 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

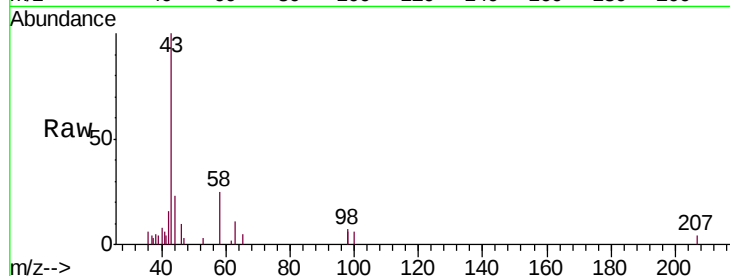
C0AE9

Tot Ion: 43 Resp: 5595

Ion Ratio Lower Upper

43 100

58 27.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

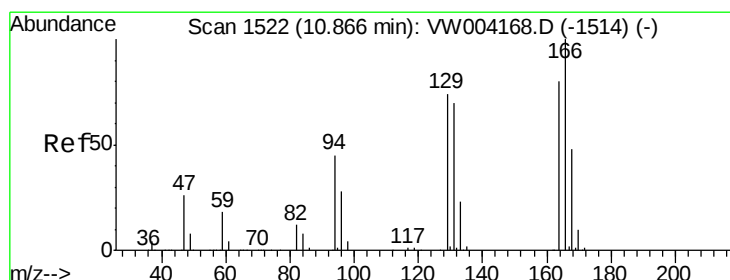
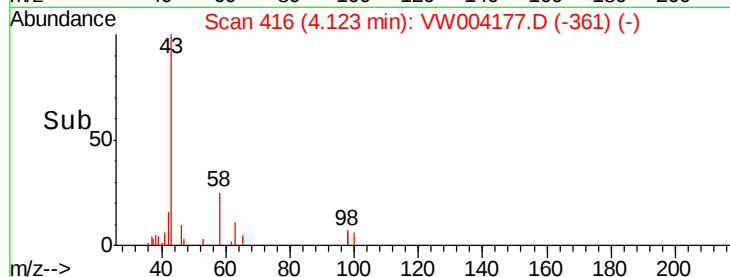
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#47

Tetrachloroethene

Concen: 529.73 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Tgt Ion:164 Resp: 2216533

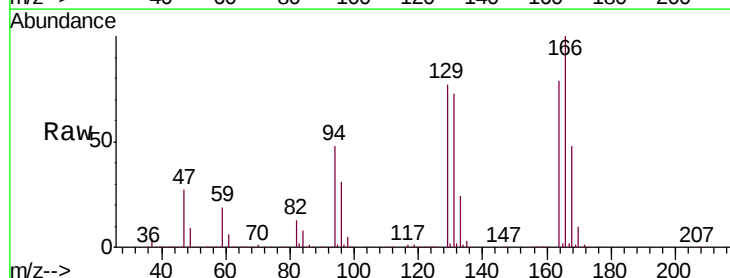
Ion Ratio Lower Upper

164 100

129 96.9 63.1 117.3

131 92.7 62.8 116.6

166 126.3 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

2500000

2000000

1500000

1000000

500000

0

10.80 10.90

Time-->

