

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016219.D
 Acq On : 17 Aug 2020 15:36
 Operator : SY/VA
 Sample : L3702-12
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP7

Quant Time: Aug 18 04:18:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358342	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84094	17.95	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
7) Chloroethane-d5	2.90	69	65781	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.96%
10) 1,1-Dichloroethene-d2	4.01	63	143146	14.38	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.08	46	56457	45.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.58%
24) Chloroform-d	7.65	84	206682	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	109733	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	8.27	84	411272	21.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.40%
33) 1,2-Dichloropropane-d6	9.27	67	121243	21.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.60%
37) Toluene-d8	10.32	98	370103	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	50993	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.16%
39) 2-Hexanone-d5	10.93	63	45309	45.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108577	23.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	133292	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

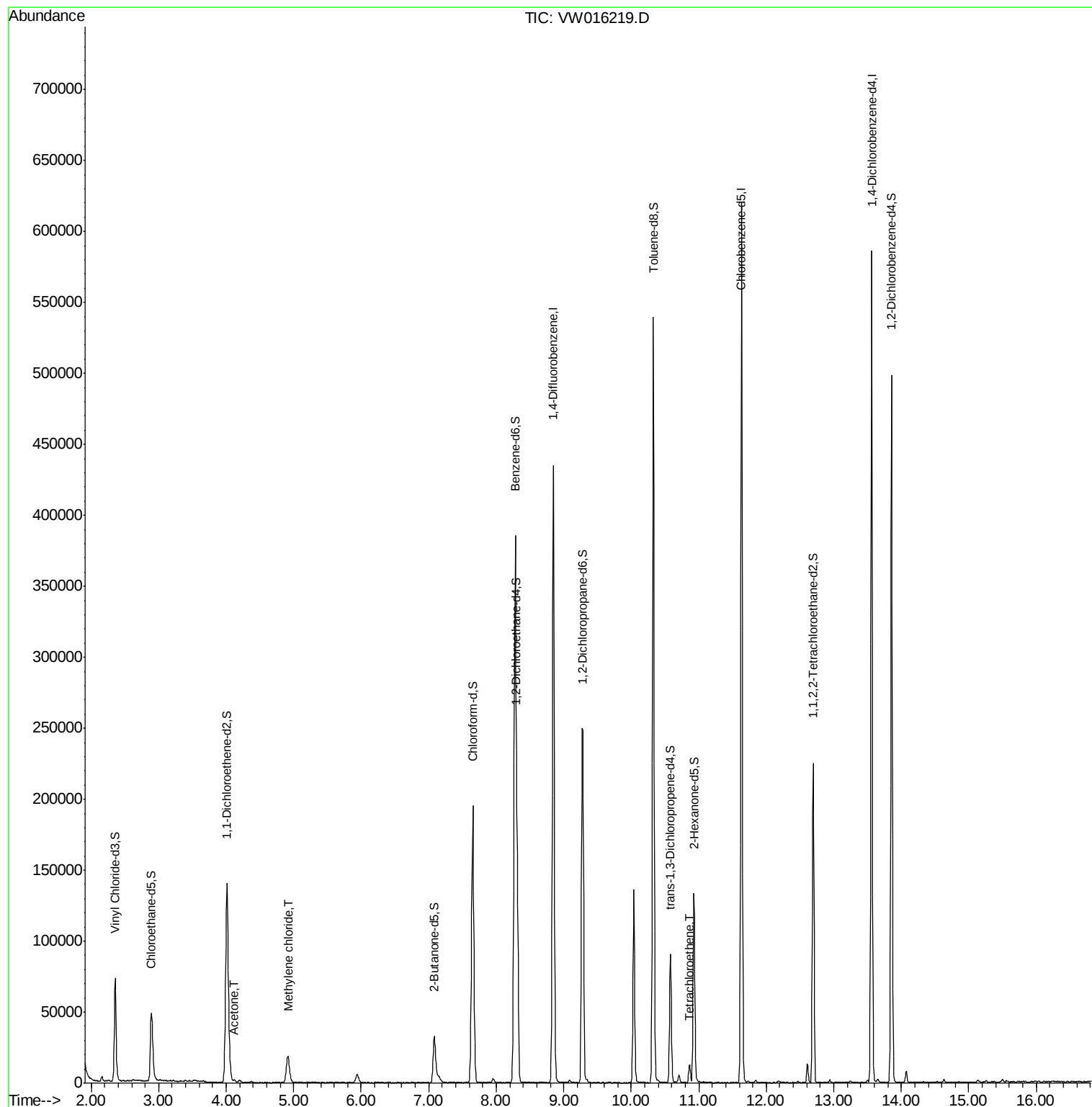
					Ovalue
13) Acetone	4.12	43	2441	2.617 ug/L	66
16) Methylene chloride	4.92	84	16616	2.784 ug/L	87
47) Tetrachloroethene	10.87	164	2930	0.703 ug/L	99

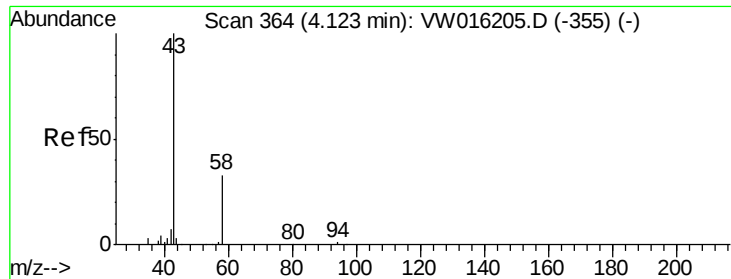
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.617 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

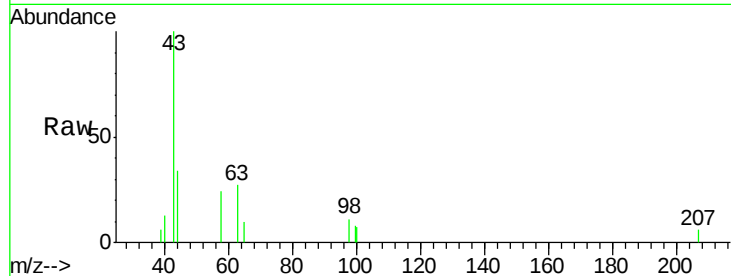
BFSP7

Tot Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

58 11.3 0.0 59.4



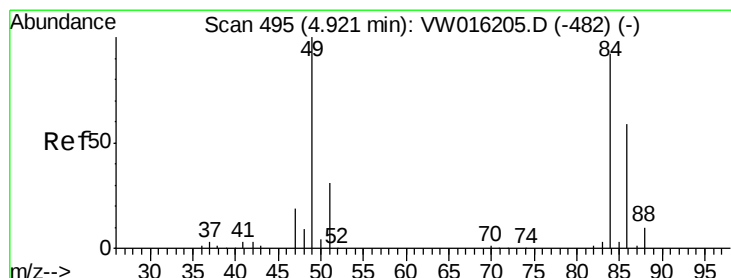
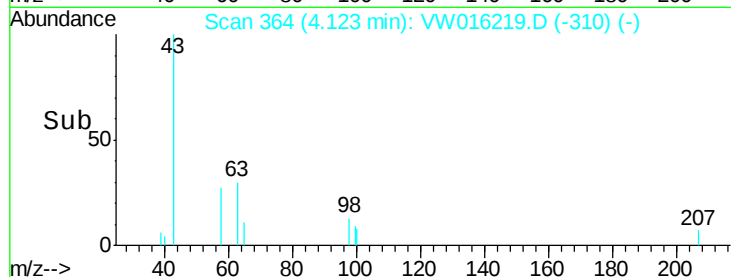
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.784 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 17 Aug 2020 15:36

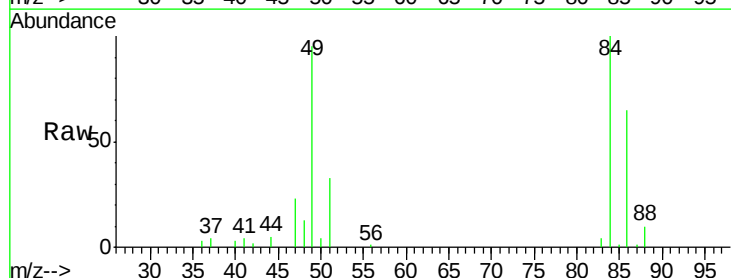
Tgt Ion: 84 Resp: 16616

Ion Ratio Lower Upper

84 100

49 94.9 80.4 149.4

86 65.4 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

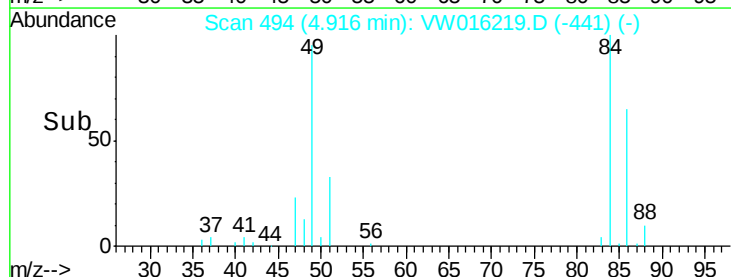
Ion 49.00 (48.70 to 49.70): VW

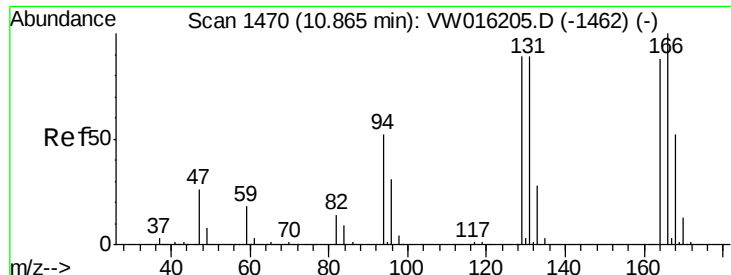
Ion 86.00 (85.70 to 86.70): VW

4.92

Time-->

4.80 4.90 5.00





#47

Tetrachloroethene

Concen: 0.703 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016219.D

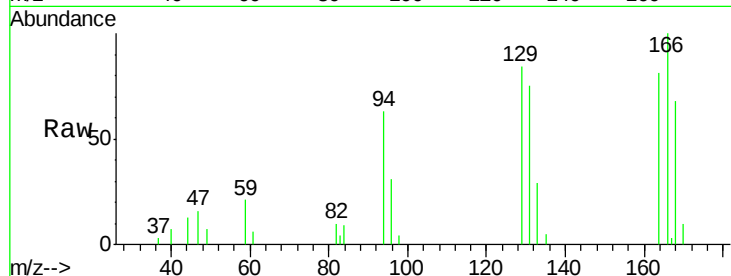
Acq: 17 Aug 2020 15:36

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Tot Ion:164 Resp: 2930

Ion Ratio Lower Upper

164 100

129 104.1 71.5 132.9

131 92.1 65.4 121.4

166 123.4 86.9 161.5

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

