

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010080.D
 Acq On : 22 Apr 2019 13:16
 Operator : SY/VA
 Sample : K2455-04
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ6

Quant Time: Apr 23 06:09:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	827532	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	753795	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	340588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152816	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.89	69	134287	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
10) 1,1-Dichloroethene-d2	4.01	63	348938	16.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.36%
20) 2-Butanone-d5	7.08	46	133512	31.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.12%
24) Chloroform-d	7.65	84	461591	19.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.16%
26) 1,2-Dichloroethane-d4	8.30	65	265007	17.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.40%
29) Benzene-d6	8.27	84	898379	21.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.76%
33) 1,2-Dichloropropane-d6	9.27	67	280431	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.00%
37) Toluene-d8	10.32	98	794856	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.12%
38) trans-1,3-Dichloropropene-	10.58	79	115233	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.68%
39) 2-Hexanone-d5	10.93	63	97194	33.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	203009	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	277492	21.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.68%

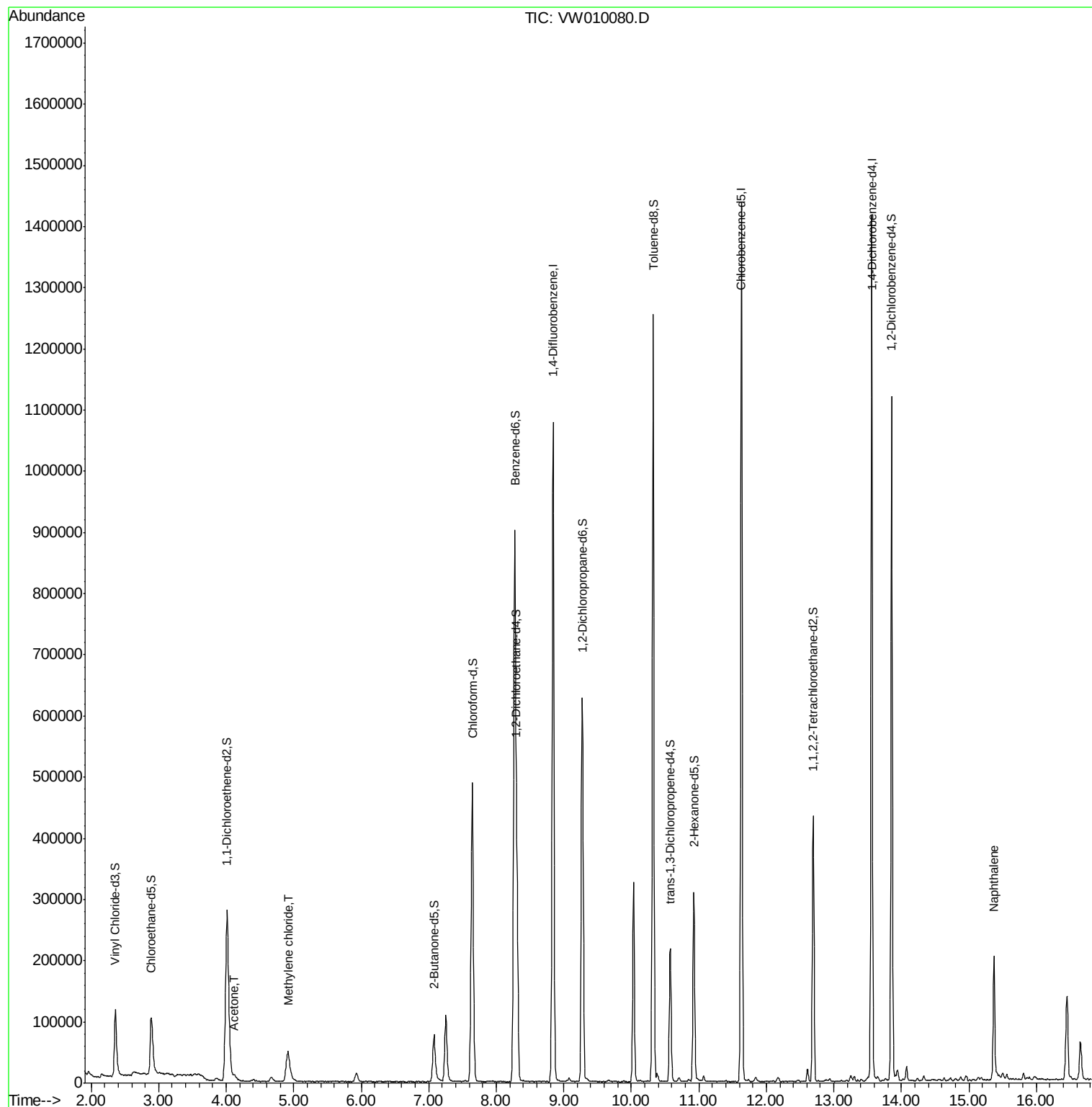
Target Compounds					Qvalue
13) Acetone	4.12	43	8616	2.290 ug/L	74
16) Methylene chloride	4.91	84	46094	3.076 ug/L	90
69) Naphthalene	15.37	128	167402	6.317 ug/L	100

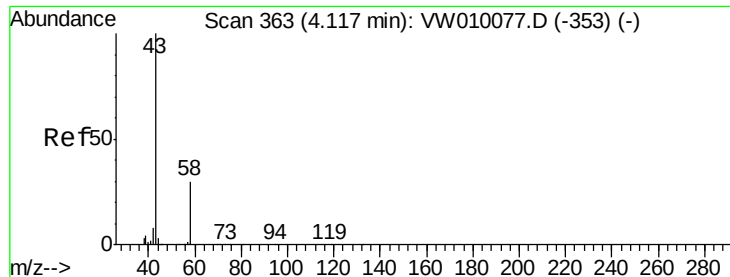
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.290 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010080.D

Acq: 22 Apr 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

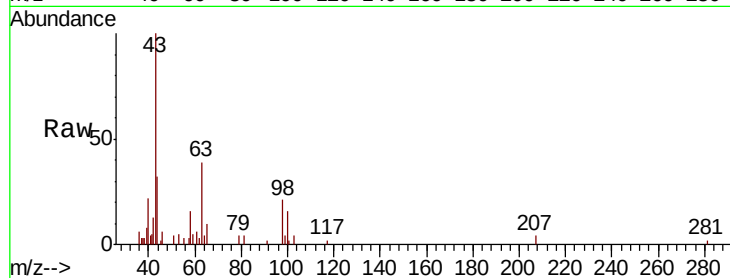
GAHQ6

Tgt Ion: 43 Resp: 8616

Ion Ratio Lower Upper

43 100

58 14.5 0.0 56.2



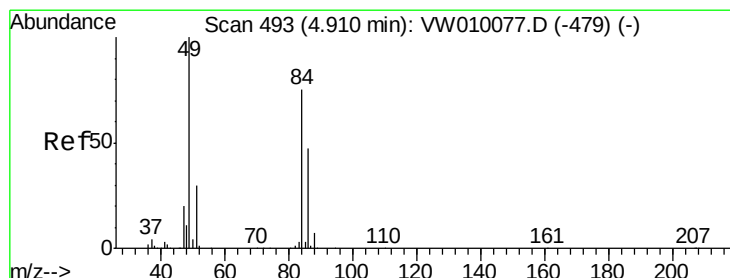
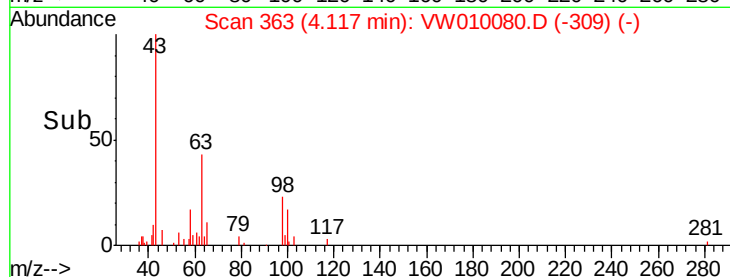
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 3.076 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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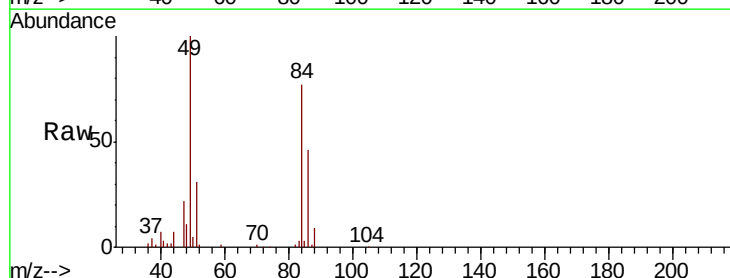
Tgt Ion: 84 Resp: 46094

Ion Ratio Lower Upper

84 100

49 129.1 100.7 187.1

86 59.1 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

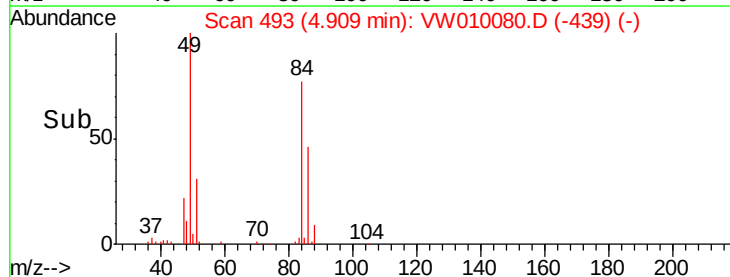
Ion 49.00 (48.70 to 49.70): VW

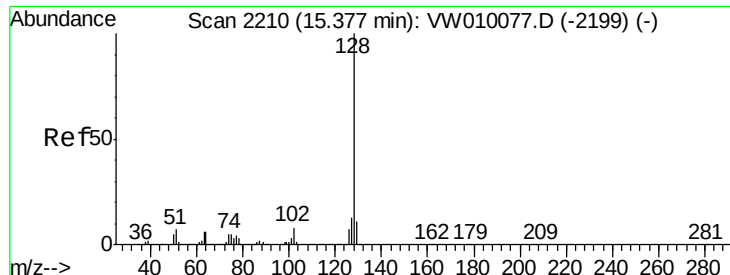
Ion 86.00 (85.70 to 86.70): VW

4.91

4.80 4.90 5.00 5.10

Time-->





#69

Naphthalene

Concen: 6.317 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

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Acq: 22 Apr 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

GAHQ6

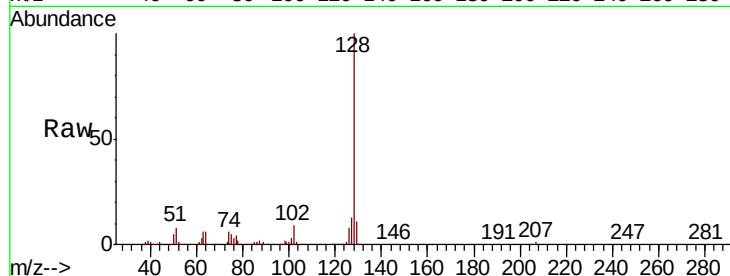
Tgt Ion:128 Resp: 167402

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

