

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004277.D
 Acq On : 27 Jul 2018 17:31
 Operator : SY/AP
 Sample : J4205-02
 Misc : 4.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K9

Quant Time: Jul 27 23:18:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 23:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	407389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	381244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	130334	31.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.12%
7) Chloroethane-d5	2.89	69	90393	30.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.20%
10) 1,1-Dichloroethene-d2	4.00	63	215480	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.04%
20) 2-Butanone-d5	7.08	46	99899	43.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.06%
24) Chloroform-d	7.65	84	277372	26.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	8.31	65	169939	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.36%
29) Benzene-d6	8.27	84	563503	27.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.56%
33) 1,2-Dichloropropane-d6	9.28	67	185356	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.32%
37) Toluene-d8	10.33	98	521470	27.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.20%
38) trans-1,3-Dichloropropene-	10.58	79	78959	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.56%
39) 2-Hexanone-d5	10.93	63	77534	43.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	162535	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.87	152	171079	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

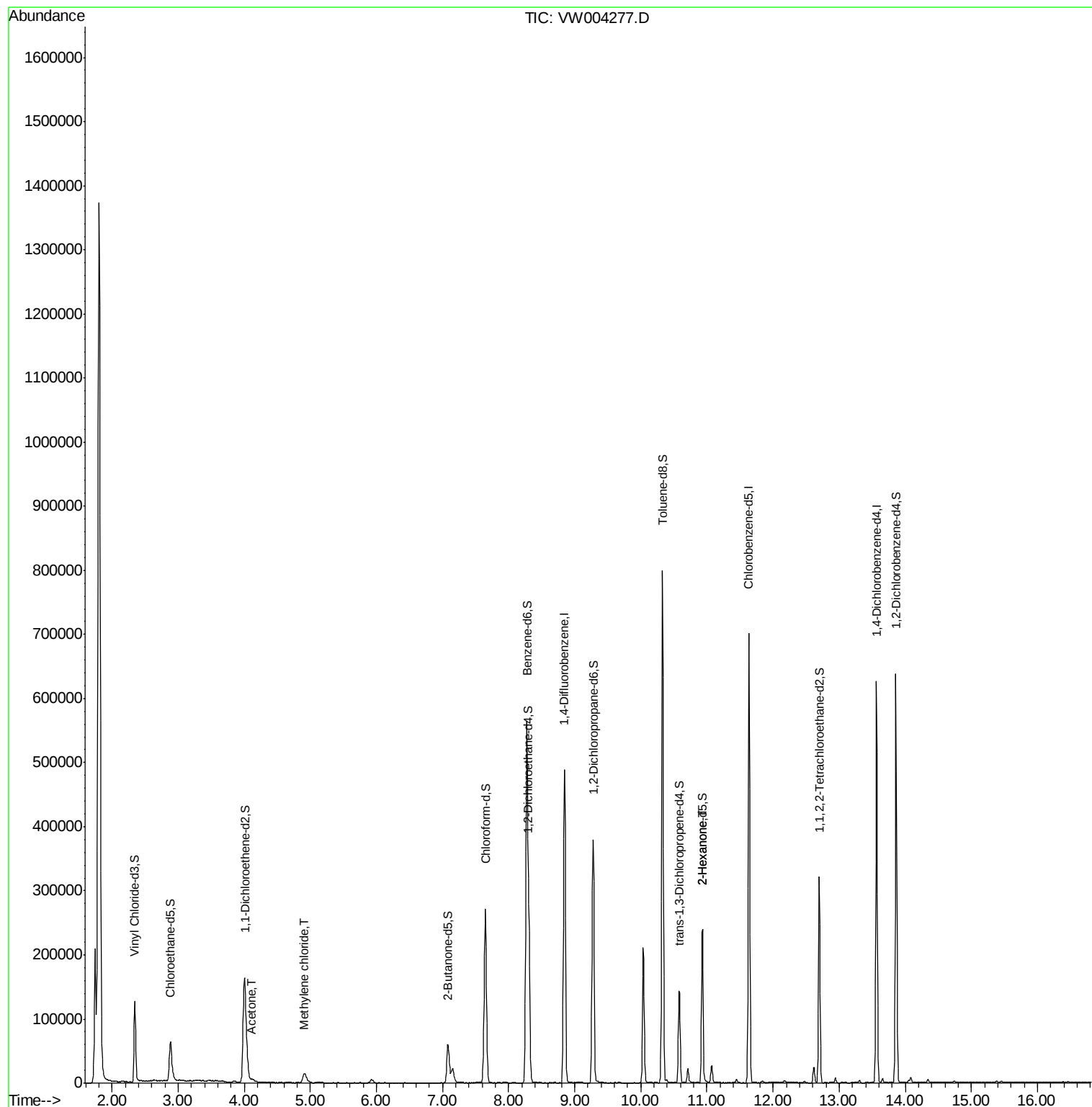
Target Compounds					Qvalue
13) Acetone	4.12	43	4745	2.024 ug/L	98
16) Methylene chloride	4.91	84	13816	2.419 ug/L	91
49) 2-Hexanone	10.93	43	10445	2.515 ug/L #	69

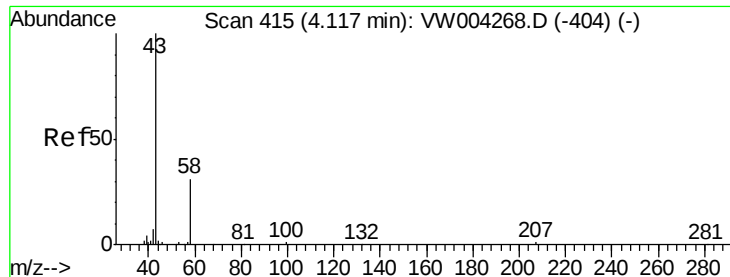
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.024 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

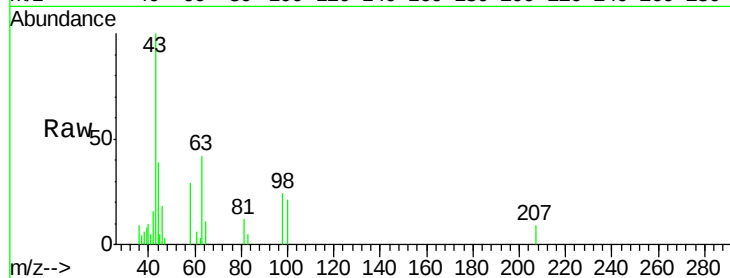
JJ1K9

Tgt Ion: 43 Resp: 4745

Ion Ratio Lower Upper

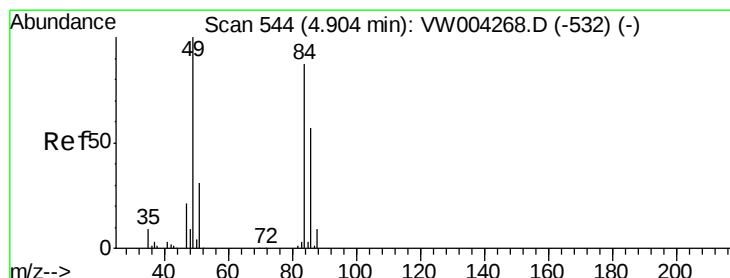
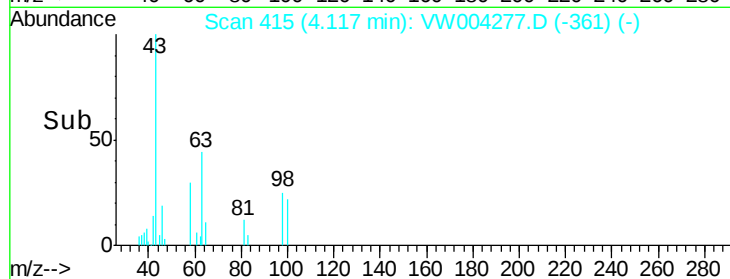
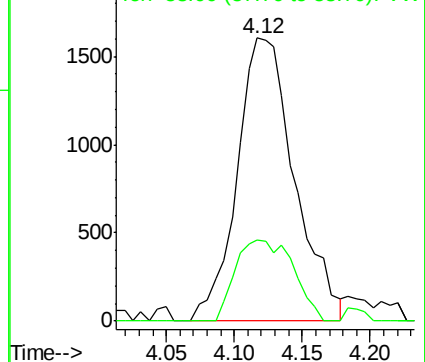
43 100

58 28.9 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.419 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

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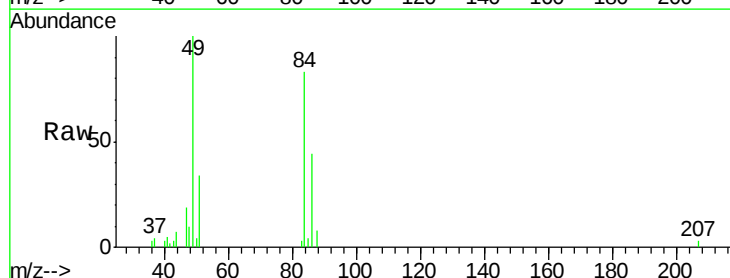
Tgt Ion: 84 Resp: 13816

Ion Ratio Lower Upper

84 100

49 121.0 90.9 168.7

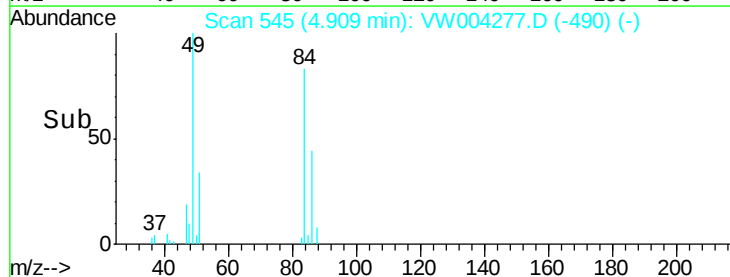
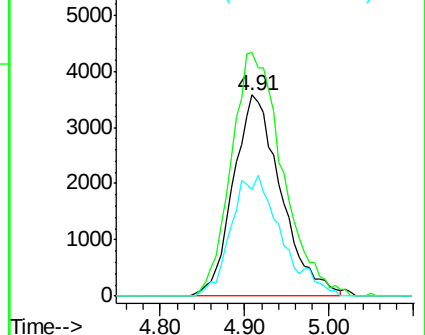
86 53.2 44.4 82.5

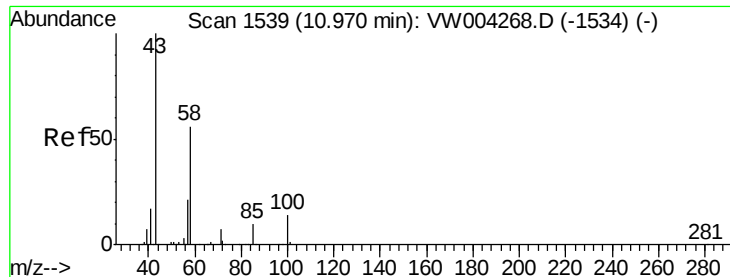


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#49

2-Hexanone

Concen: 2.515 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

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Acq: 27 Jul 2018 17:31

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JJ1K9

Tgt Ion: 43 Resp: 10445

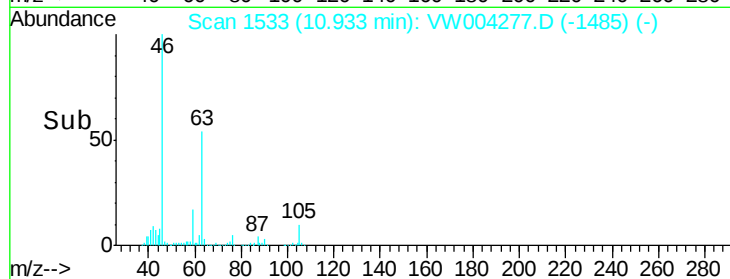
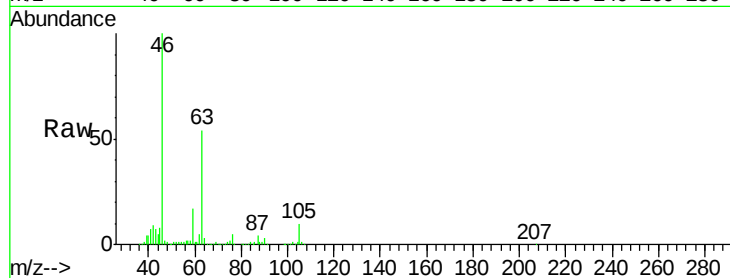
Ion Ratio Lower Upper

43 100

58 28.5 39.8 59.8#

57 33.6 13.9 20.9#

100 2.6 8.0 12.0#



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

