

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004372.D
 Acq On : 01 Aug 2018 13:10
 Operator : SY/AP
 Sample : J4204-11
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 02 03:56:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	54389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	66557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	32703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14105	33.28	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.12%
7) Chloroethane-d5	2.89	69	11667	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.48%
10) 1,1-Dichloroethene-d2	4.01	63	16710	13.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.64%
20) 2-Butanone-d5	7.08	46	22753	86.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.20%#
24) Chloroform-d	7.65	84	40223	29.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.68%
26) 1,2-Dichloroethane-d4	8.31	65	32859	43.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	174.56%#
29) Benzene-d6	8.27	84	68653	19.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.88%
33) 1,2-Dichloropropane-d6	9.27	67	25224	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.33	98	65048	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.24%
38) trans-1,3-Dichloropropene-	10.59	79	13402	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.20%
39) 2-Hexanone-d5	10.93	63	15557	56.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	36865	33.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	34716	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds

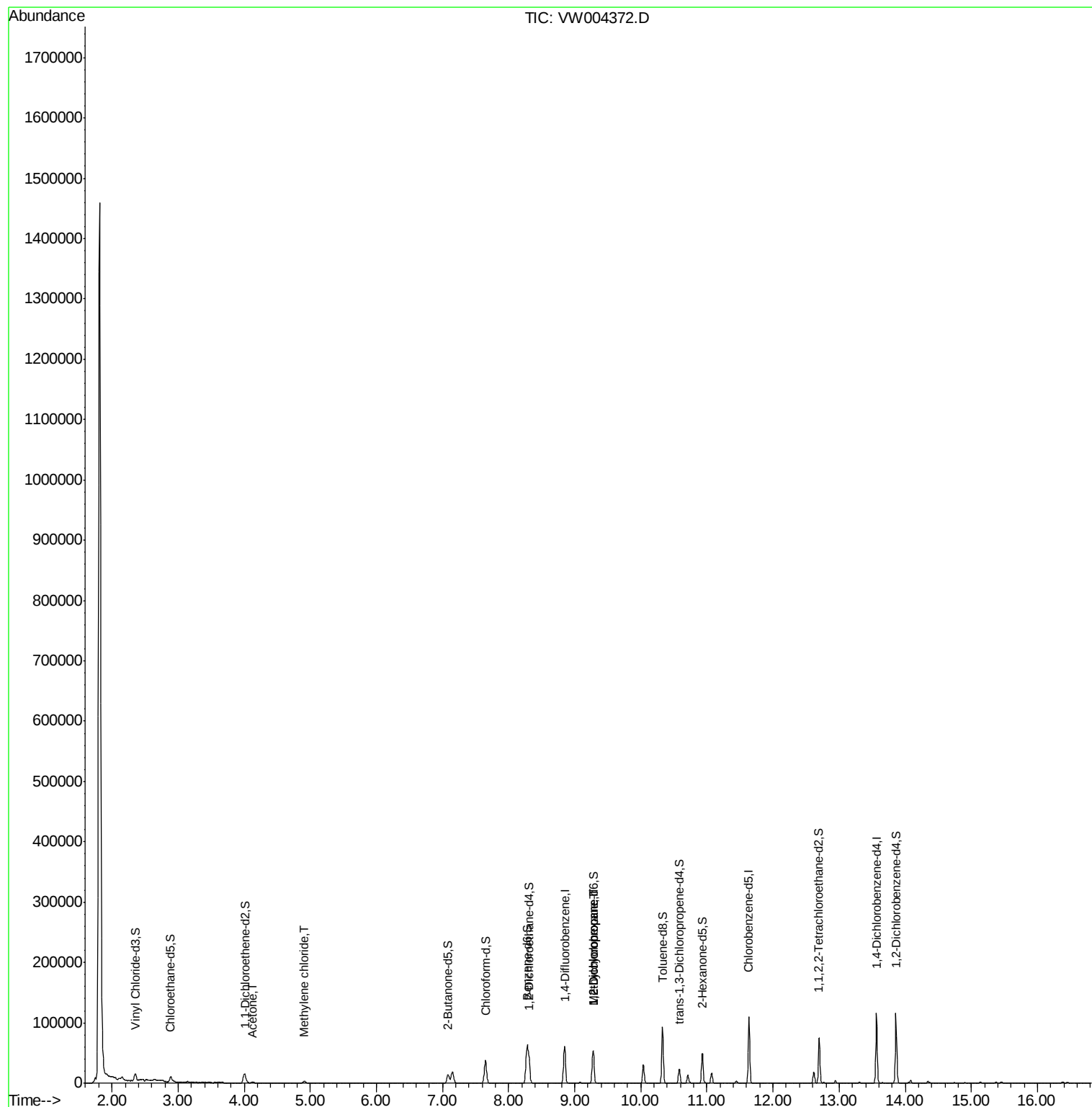
					Ovalue
13) Acetone	4.12	43	1496	6.508 ug/L	98
16) Methylene chloride	4.91	84	1828	2.126 ug/L	79
36) Methylcyclohexane	9.27	83	6600	3.583 ug/L #	23
40) 1,2-Dichloropropane	9.28	63	2852	2.947 ug/L #	87

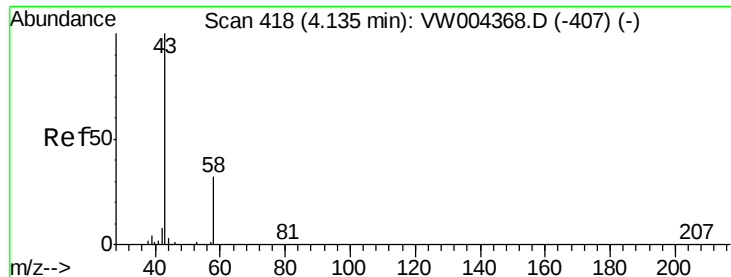
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 02 03:56:08 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.508 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW004372.D

Acq: 01 Aug 2018 13:10

Instrument :

MSVOA_W

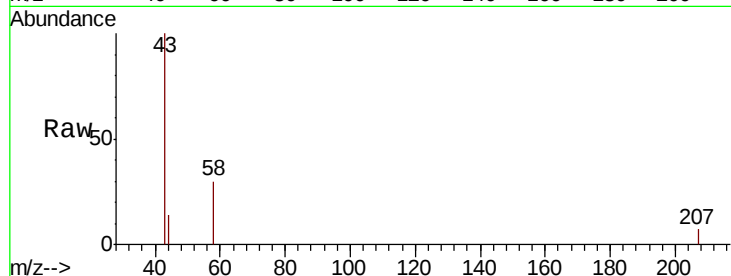
ClientSampled :

Tot Ion: 43 Resp: 1496

Ion Ratio Lower Upper

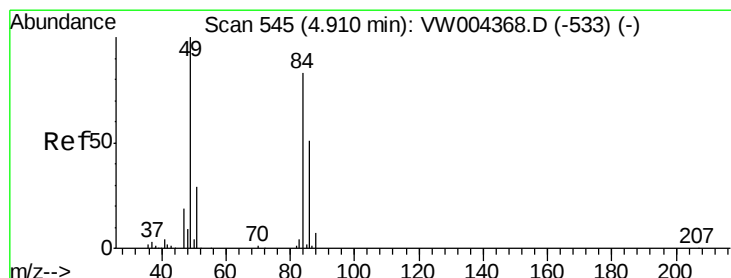
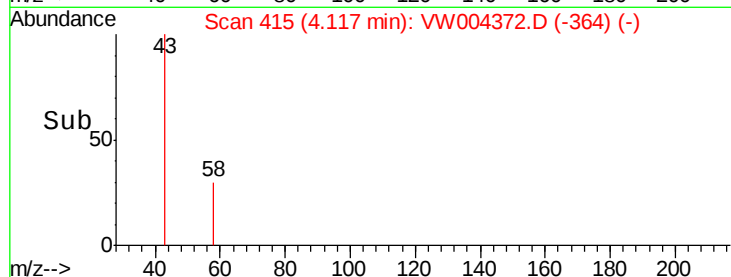
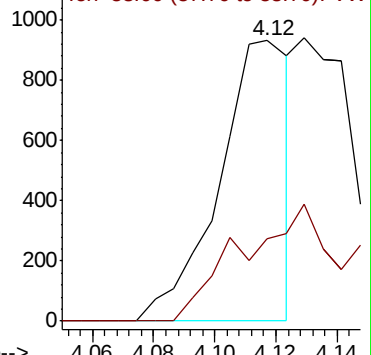
43 100

58 33.4 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.126 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004372.D

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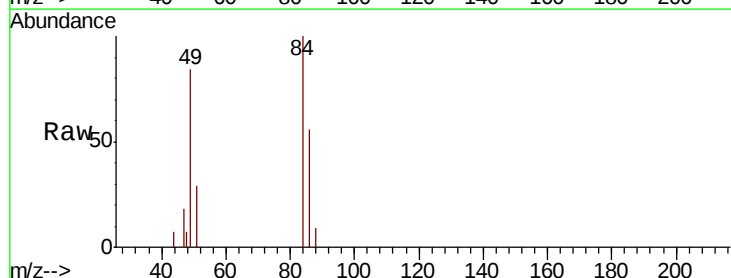
Tgt Ion: 84 Resp: 1828

Ion Ratio Lower Upper

84 100

49 84.3 79.5 147.7

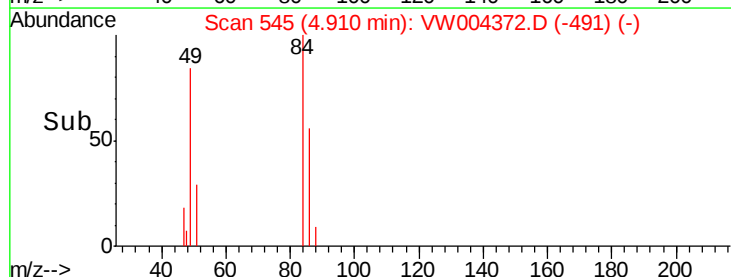
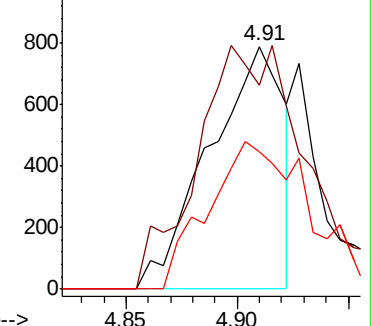
86 56.4 45.8 85.2

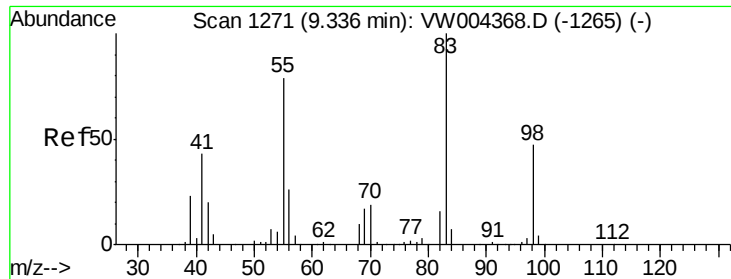


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

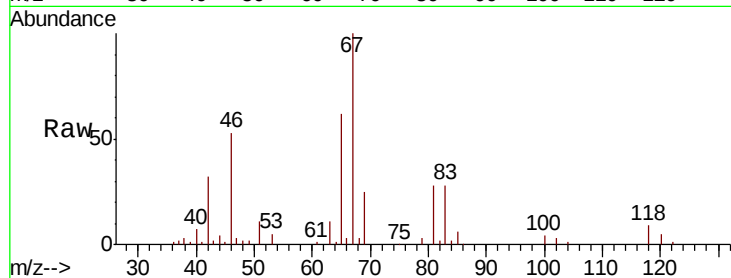




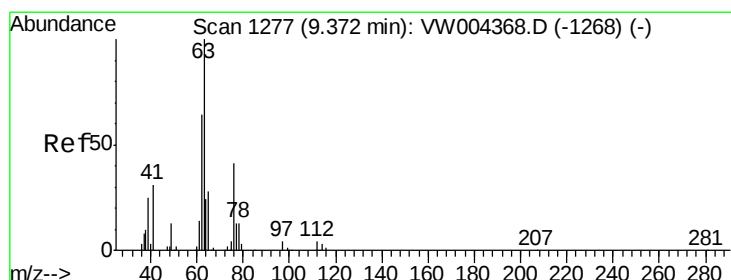
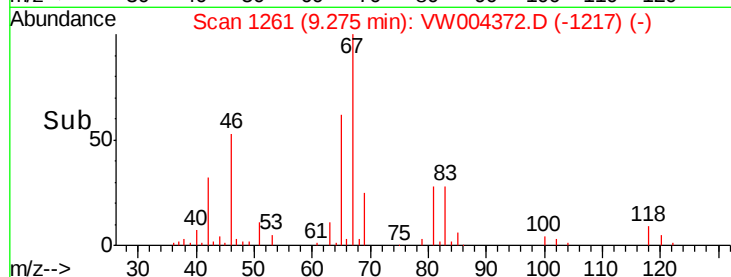
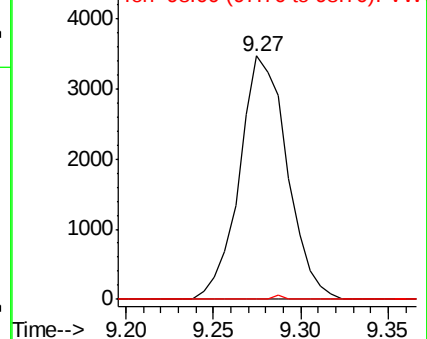
#36
Methylcyclohexane
Concen: 3.583 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.06 min
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MSVOA_W
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Tot Ion: 83 Resp: 6600
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 5.2 37.7 56.5#

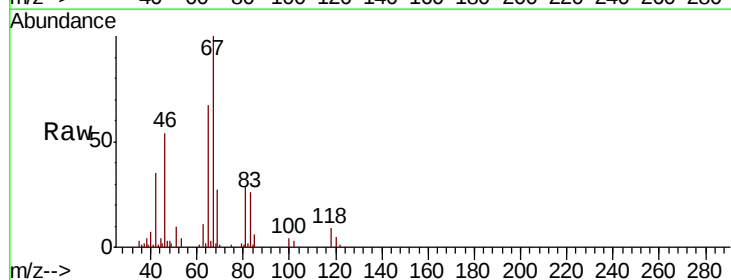


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#40
1,2-Dichloropropane
Concen: 2.947 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004372.D
Acq: 01 Aug 2018 13:10

Tgt Ion: 63 Resp: 2852
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

