

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004388.D
 Acq On : 02 Aug 2018 00:49
 Operator : SY/AP
 Sample : J4209-14
 Misc : 6.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 02 05:15:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 05:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	110869	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	75490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	20271	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	43006	49.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	199.12%#
7) Chloroethane-d5	2.89	69	35951	42.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	168.52%#
10) 1,1-Dichloroethene-d2	4.01	63	57544	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.28%
20) 2-Butanone-d5	7.09	46	3159	5.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.80%#
24) Chloroform-d	7.65	84	84296	30.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.04%
26) 1,2-Dichloroethane-d4	8.31	65	51181	33.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.40%#
29) Benzene-d6	8.27	84	148462	38.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	152.32%#
33) 1,2-Dichloropropane-d6	9.28	67	46209	38.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	153.04%#
37) Toluene-d8	10.33	98	116172	31.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.76%
38) trans-1,3-Dichloropropene-	10.59	79	9759	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.88%
39) 2-Hexanone-d5	10.93	63	1098	3.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.08%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	35337	28.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.04%
61) 1,2-Dichlorobenzene-d4	13.87	152	21501	27.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.00%

Target Compounds

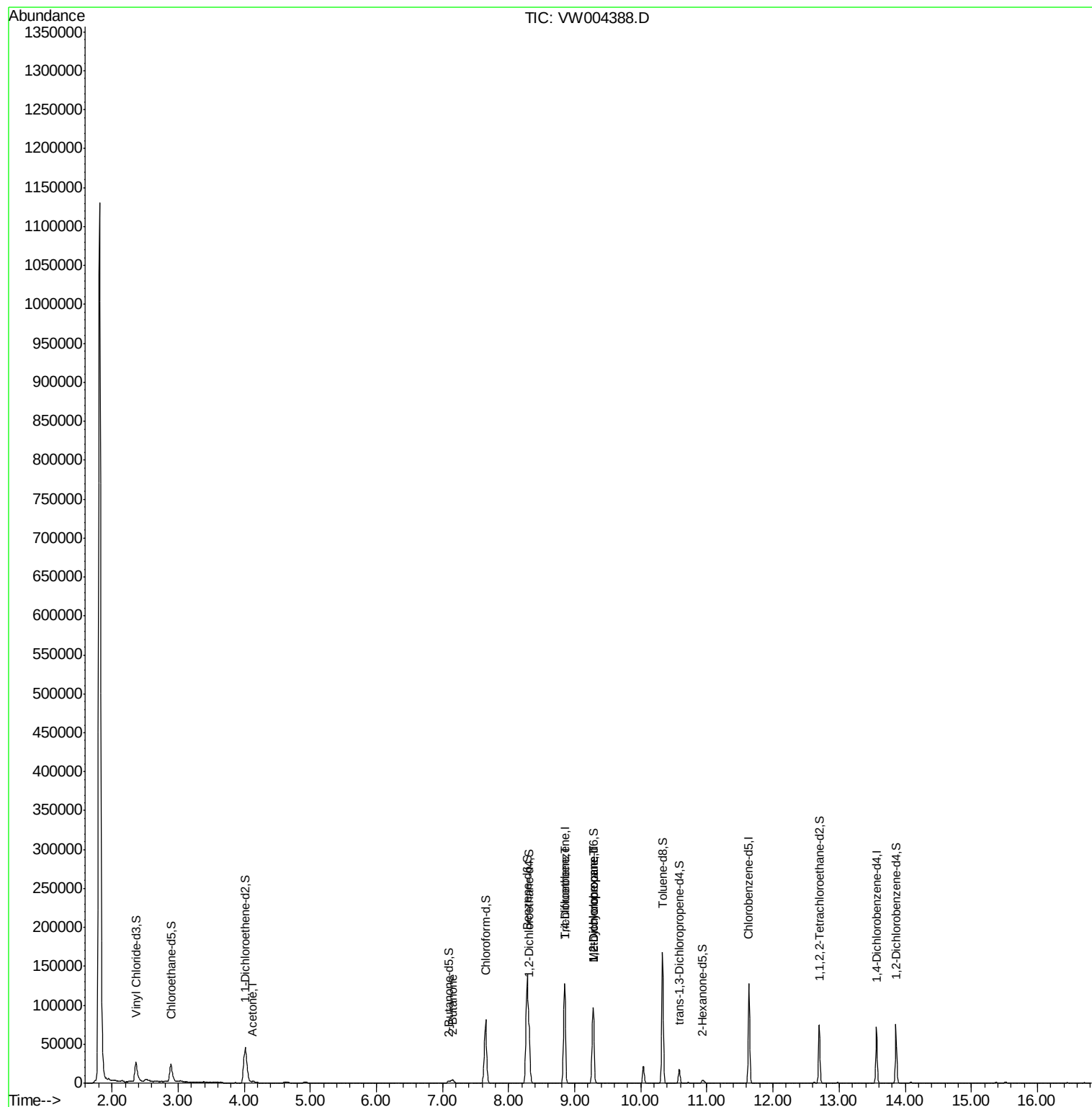
					Ovalue
13) Acetone	4.12	43	4084	8.715 ug/L	95
21) 2-Butanone	7.15	43	3273	5.125 ug/L #	46
35) Trichloroethene	8.84	95	3160	2.698 ug/L #	3
36) Methylcyclohexane	9.27	83	11856	5.674 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	5283	4.813 ug/L #	87

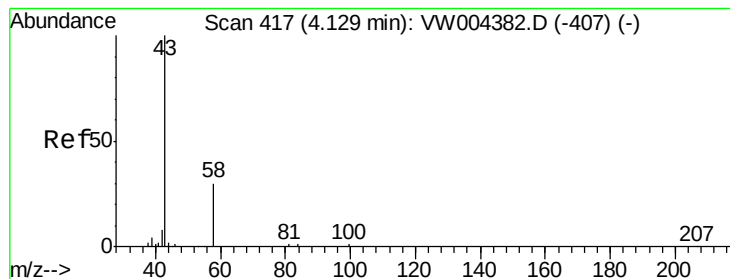
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.715 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

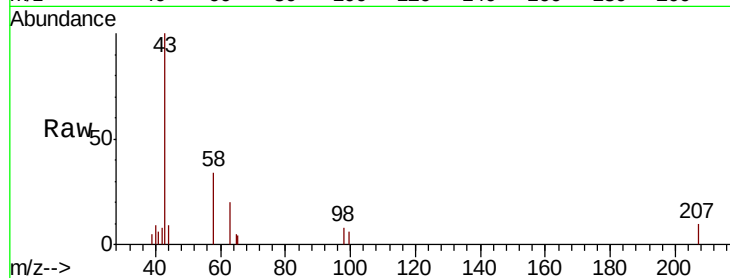
ClientSampled :

Tot Ion: 43 Resp: 4084

Ion Ratio Lower Upper

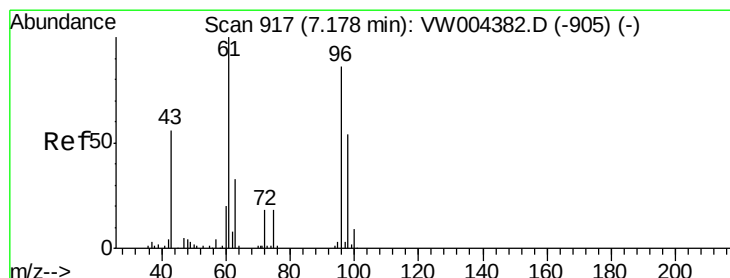
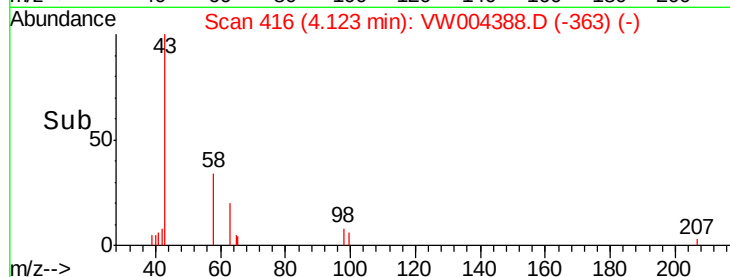
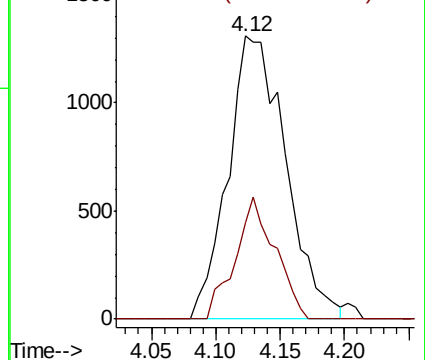
43 100

58 29.8 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.125 ug/L

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004388.D

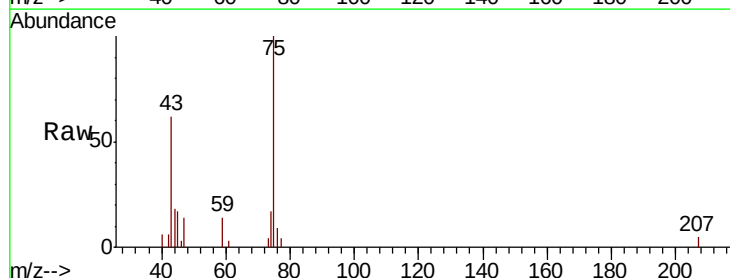
Acq: 02 Aug 2018 00:49

Tgt Ion: 43 Resp: 3273

Ion Ratio Lower Upper

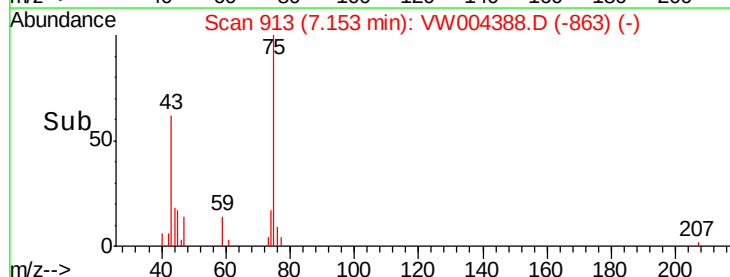
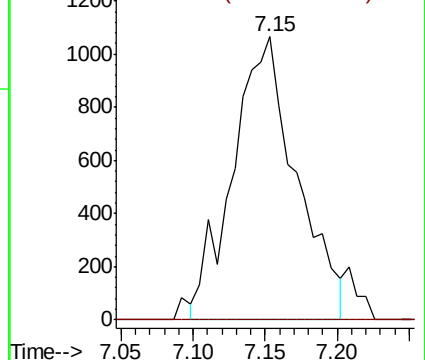
43 100

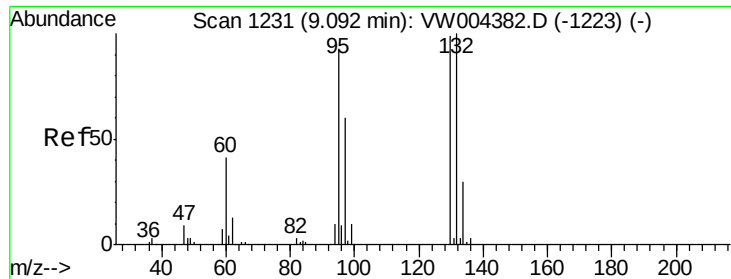
72 0.0 14.4 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.698 ug/L

RT: 8.84 min Scan# 1190

Delta R.T. -0.25 min

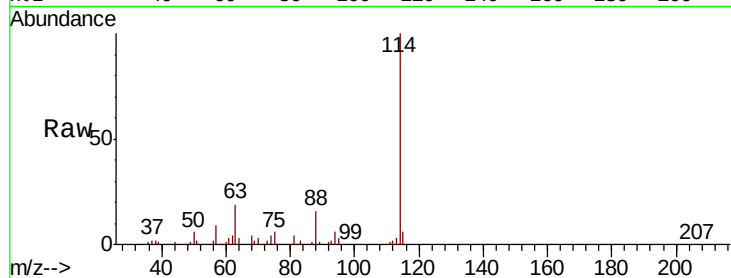
Lab File: VW004388.D

Acq: 02 Aug 2018 00:49

Instrument :

MSVOA_W

ClientSampled :



Tot Ion: 95 Resp: 3160

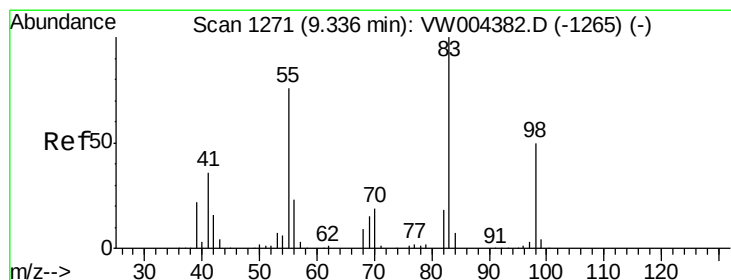
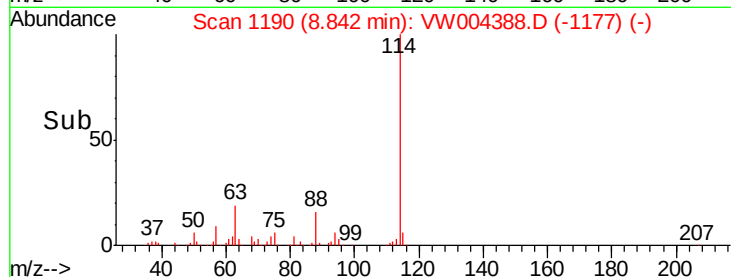
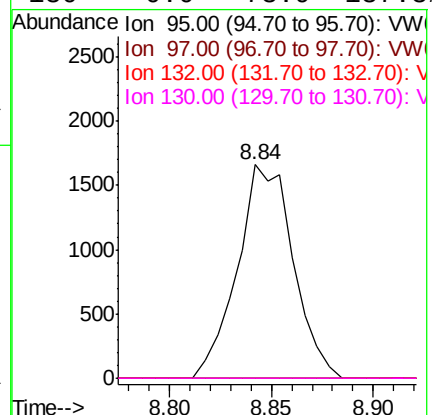
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#



#36

Methylcyclohexane

Concen: 5.674 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.06 min

Lab File: VW004388.D

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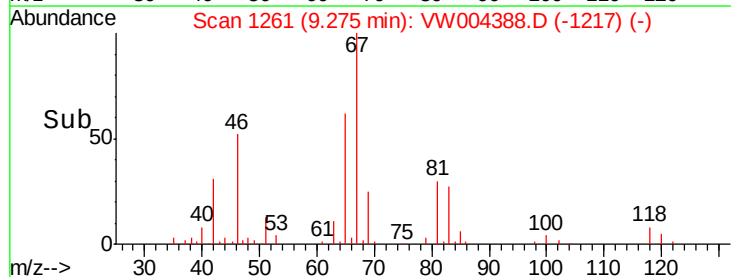
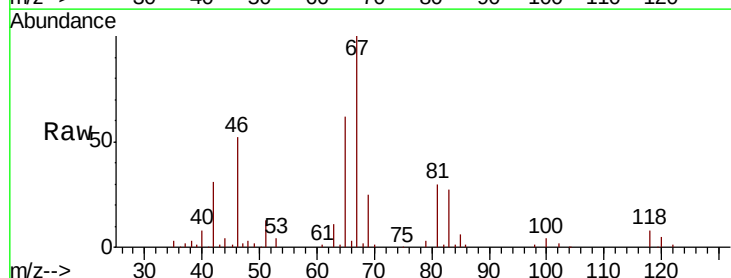
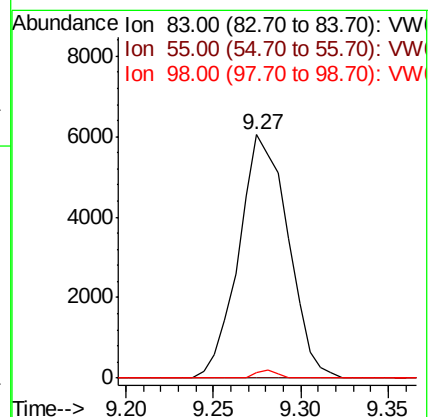
Tgt Ion: 83 Resp: 11856

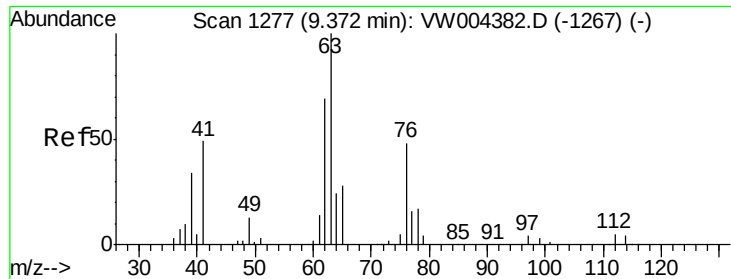
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.2#

98 1.3 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 4.813 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004388.D

Acq: 02 Aug 2018 00:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 5283

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

