

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005787.D
 Acq On : 02 Oct 2018 21:06
 Operator : SY/AP
 Sample : VW1002SBL02
 Misc : 5.00G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK86

Quant Time: Oct 03 08:02:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	233131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	250964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	116225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	54783	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
7) Chloroethane-d5	2.89	69	45298	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
10) 1,1-Dichloroethene-d2	4.01	63	95902	14.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	7.08	46	51857	54.35	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.70%
24) Chloroform-d	7.65	84	135067	22.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	8.31	65	88563	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.28	84	246576	19.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.40%
33) 1,2-Dichloropropane-d6	9.28	67	75886	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.52%
37) Toluene-d8	10.33	98	245684	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.12%
38) trans-1,3-Dichloropropene-	10.59	79	36380	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	40947	48.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81716	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	99329	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%

Target Compounds

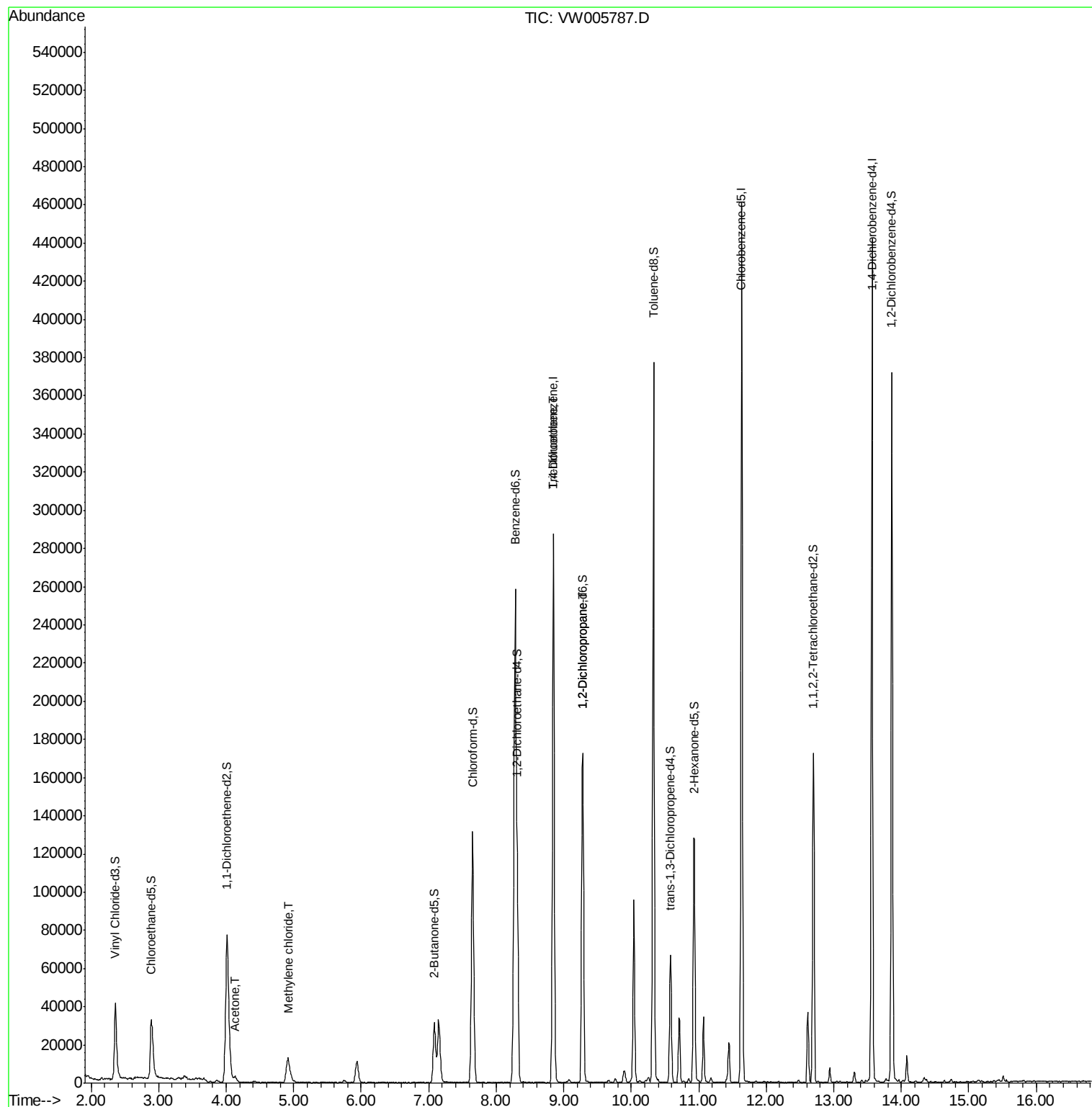
					Qvalue
13) Acetone	4.13	43	3283	3.304 ug/L	84
16) Methylene chloride	4.92	84	11115	2.892 ug/L	91
35) Trichloroethene	8.85	95	7536	1.986 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	9689	2.804 ug/L #	89

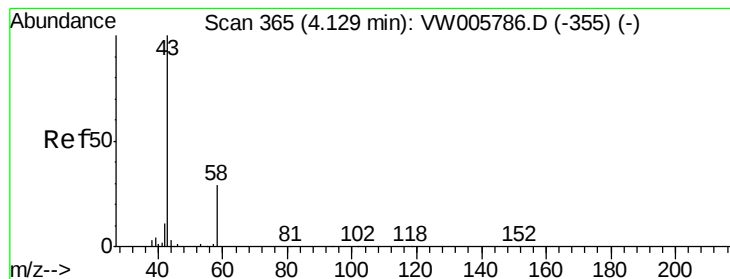
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 08:01:39 2018
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#13

Acetone

Concen: 3.304 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

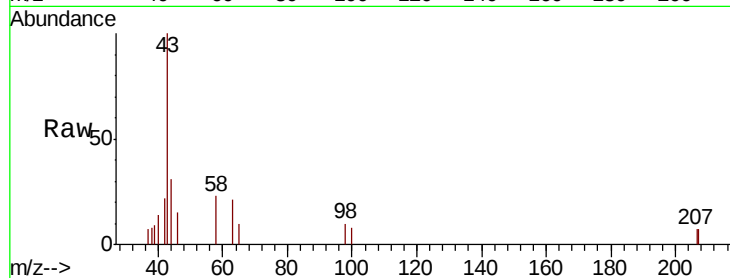
VBLK86

Tgt Ion: 43 Resp: 3283

Ion Ratio Lower Upper

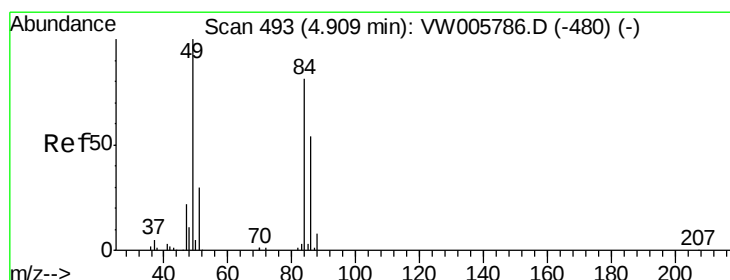
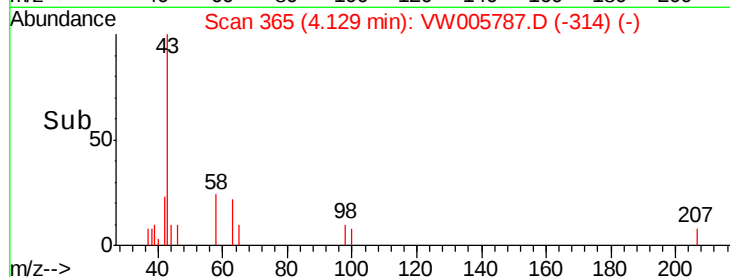
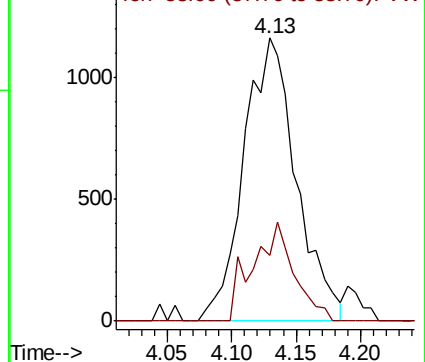
43 100

58 22.8 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.892 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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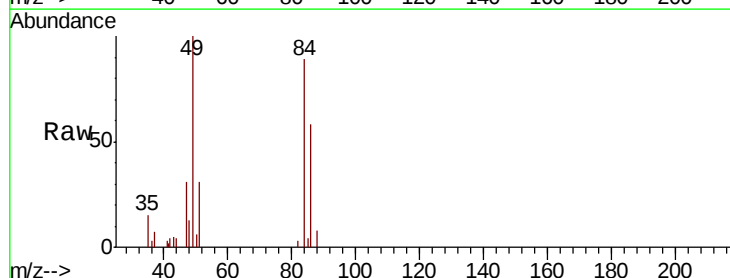
Tgt Ion: 84 Resp: 11115

Ion Ratio Lower Upper

84 100

49 111.8 87.2 162.0

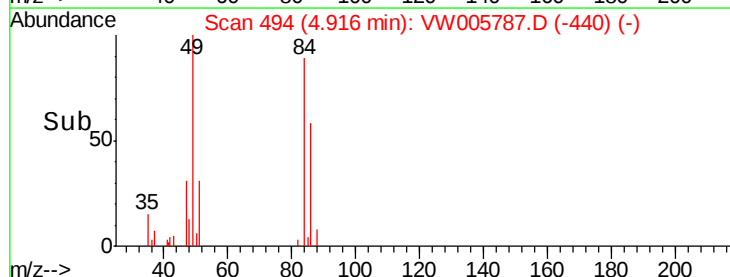
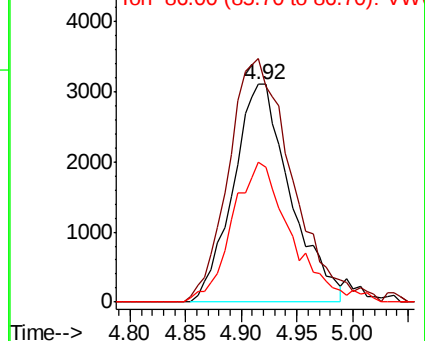
86 64.5 43.2 80.2

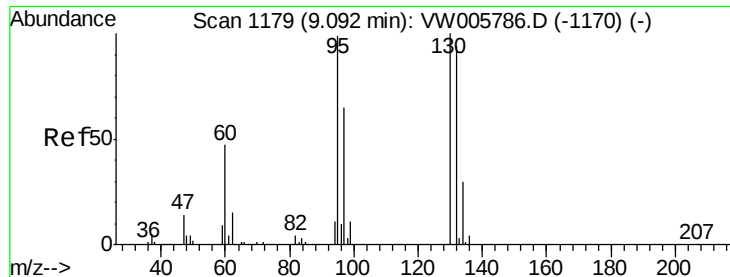


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.986 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

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ClientSampleId :

VBLK86

Tgt Ion: 95 Resp: 7536

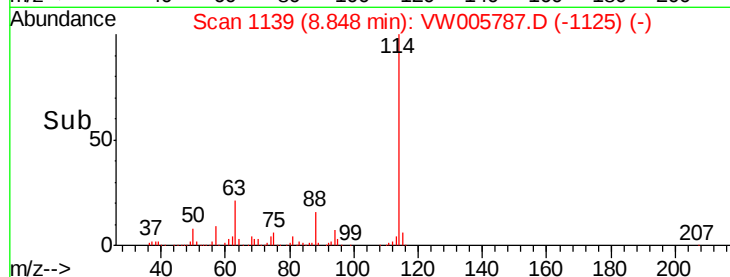
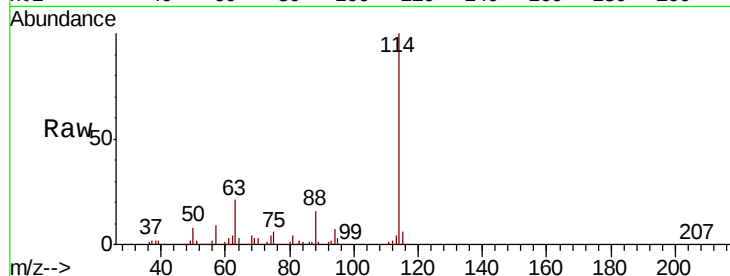
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

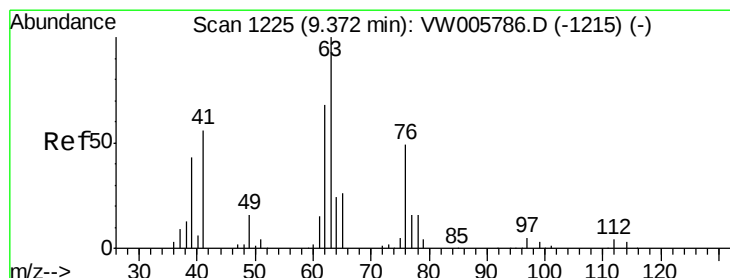
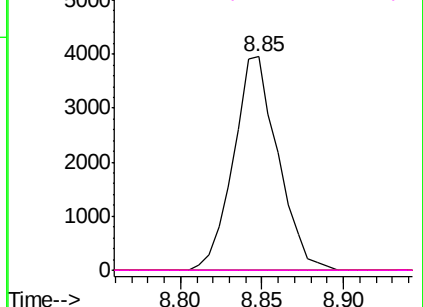


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.804 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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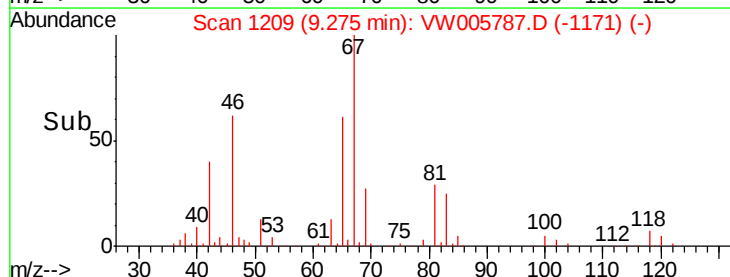
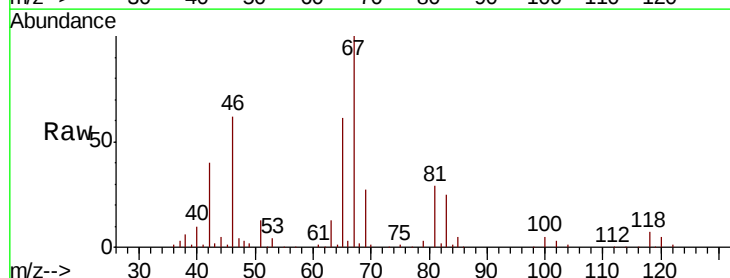
Acq: 02 Oct 2018 21:06

Tgt Ion: 63 Resp: 9689

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

