

Data File : VW009546.D
Acq On : 28 Mar 2019 18:52
Operator : SY/VA
Sample : K2084-20
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W2

Quant Time: Mar 29 05:40:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148357	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142152	34.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.68%
7) Chloroethane-d5	2.89	69	127089	26.11	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
10) 1,1-Dichloroethene-d2	4.01	63	206928	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.04%
20) 2-Butanone-d5	7.07	46	92856	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
24) Chloroform-d	7.64	84	243920	25.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	8.30	65	151773	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	8.27	84	475818	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	9.27	67	140831	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.32	98	424099	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	10.58	79	63085	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.93	63	63970	47.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132809	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	148164	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

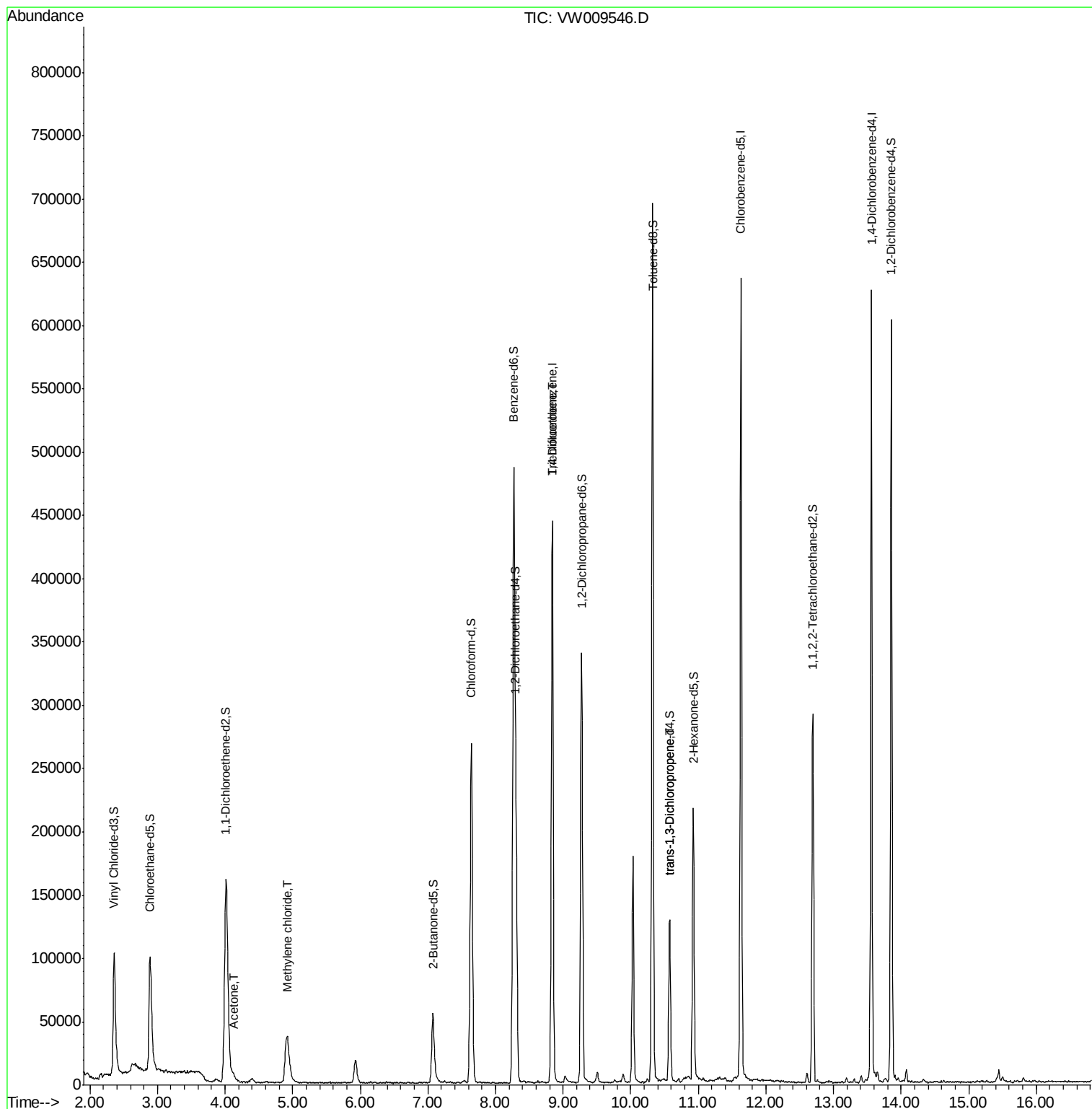
					Qvalue
13) Acetone	4.13	43	6218	4.407 ug/L	72
16) Methylene chloride	4.92	84	32686	6.439 ug/L	92
35) Trichloroethene	8.84	95	11031	2.275 ug/L #	4
45) trans-1,3-Dichloropropene	10.58	75	3983	0.602 ug/L	95

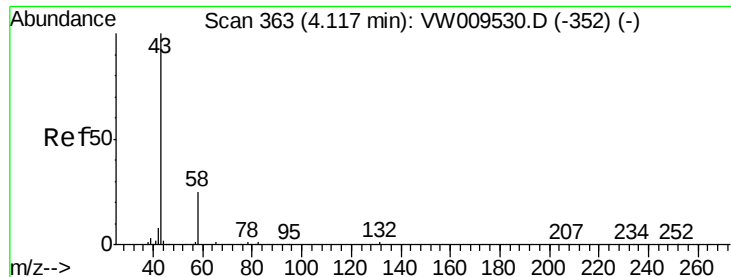
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.407 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

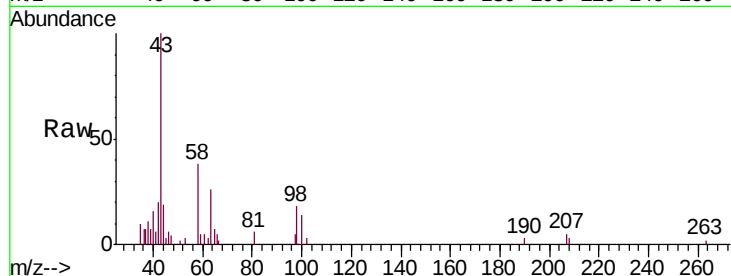
BF7W2

Tgt Ion: 43 Resp: 6218

Ion Ratio Lower Upper

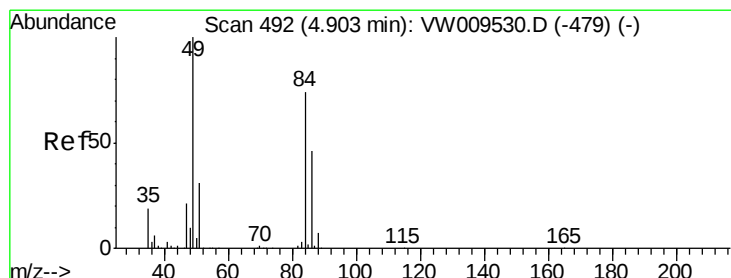
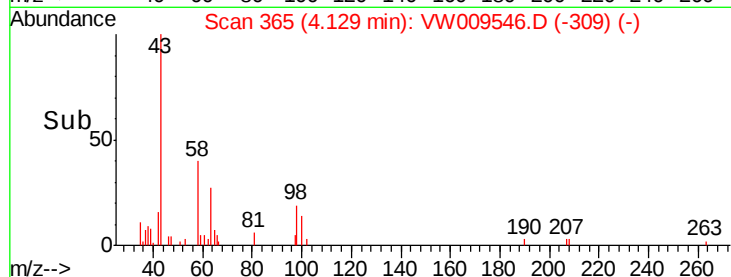
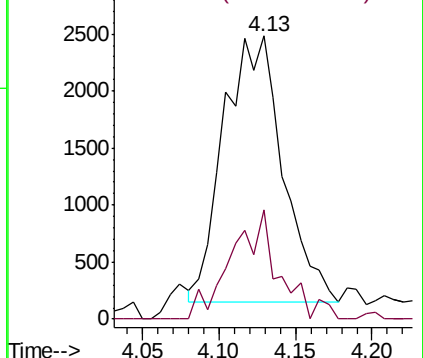
43 100

58 13.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 6.439 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

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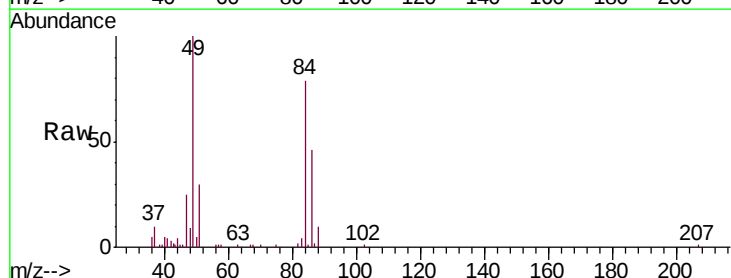
Tgt Ion: 84 Resp: 32686

Ion Ratio Lower Upper

84 100

49 126.4 96.0 178.2

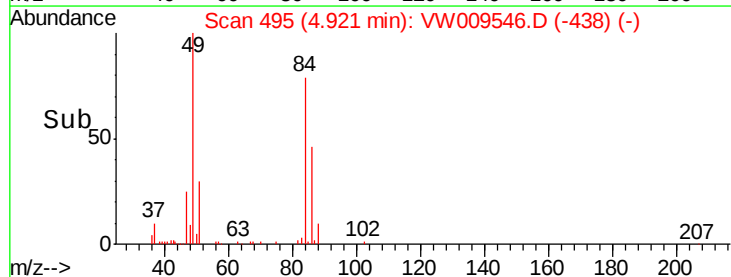
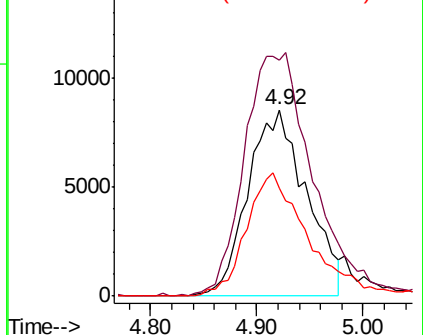
86 58.2 44.4 82.5

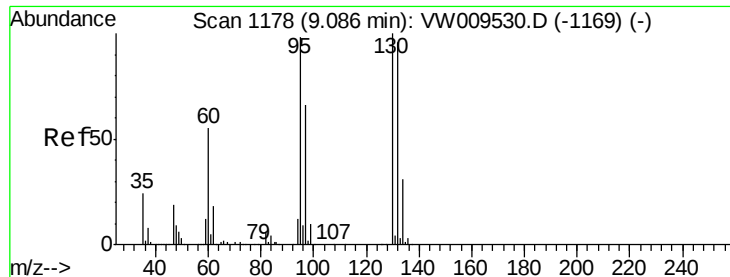


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.275 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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MSVOA_W

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BF7W2

Tgt Ion: 95 Resp: 11031

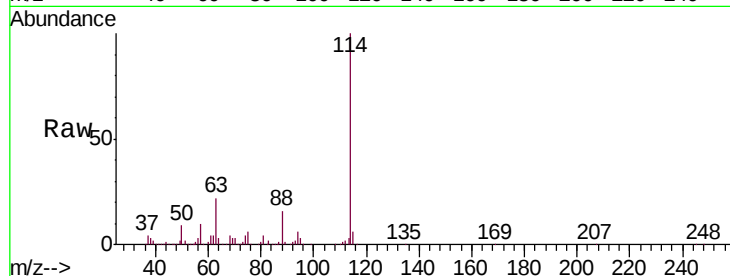
Ion Ratio Lower Upper

95 100

97 0.4 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

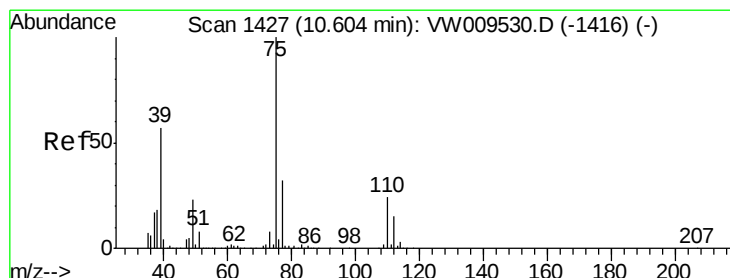
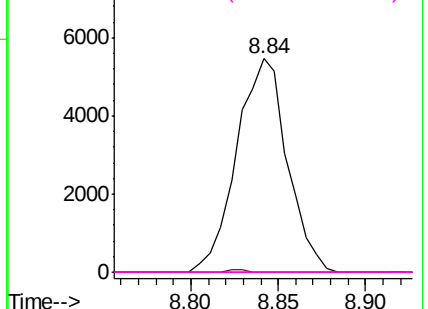
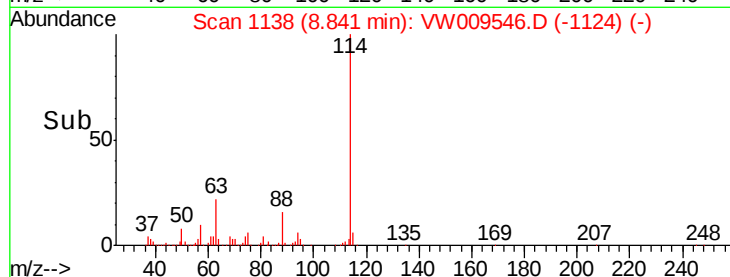


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.602 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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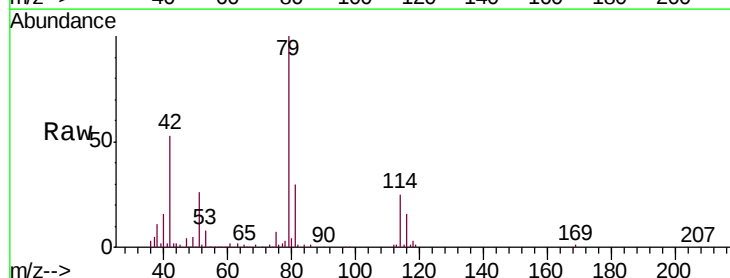
Acq: 28 Mar 2019 18:52

Tgt Ion: 75 Resp: 3983

Ion Ratio Lower Upper

75 100

77 29.2 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

