

Data File : VW009641.D
Acq On : 01 Apr 2019 23:22
Operator : SY/VA
Sample : K2119-12
Misc : 5.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A7

Quant Time: Apr 02 01:39:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	440080	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107122	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
7) Chloroethane-d5	2.89	69	108511	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.52%
10) 1,1-Dichloroethene-d2	4.01	63	178178	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.08	46	89317	41.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
24) Chloroform-d	7.64	84	263532	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	8.30	65	164425	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.27	84	461320	19.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.52%
33) 1,2-Dichloropropane-d6	9.27	67	149685	21.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.84%
37) Toluene-d8	10.32	98	397326	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.16%
38) trans-1,3-Dichloropropene-	10.57	79	62254	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.24%
39) 2-Hexanone-d5	10.93	63	56045	32.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146421	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	157659	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

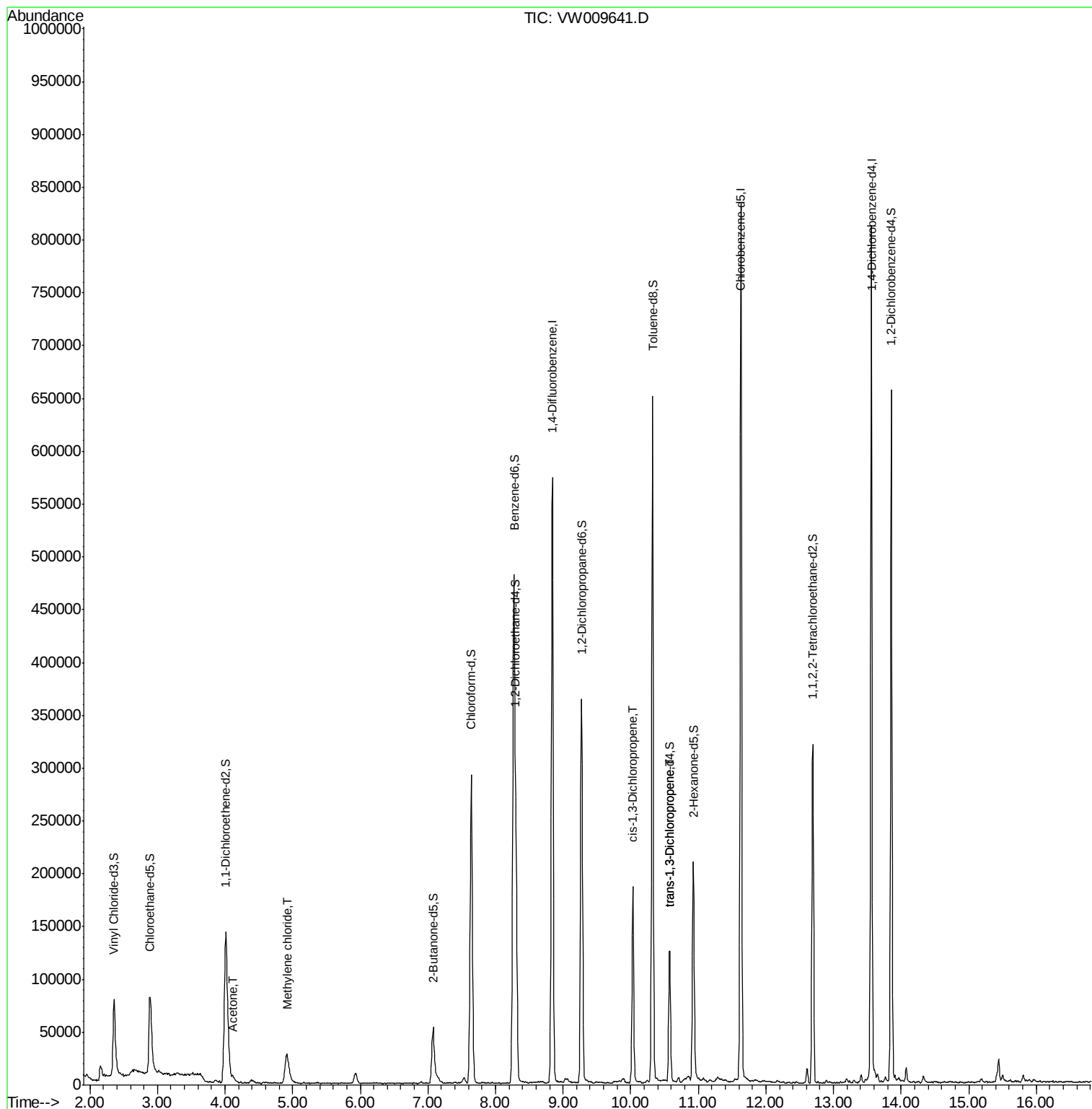
					Qvalue
13) Acetone	4.12	43	6293	3.528 ug/L	100
16) Methylene chloride	4.92	84	15483	2.413 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	5536	0.568 ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	3918	0.462 ug/L #	79

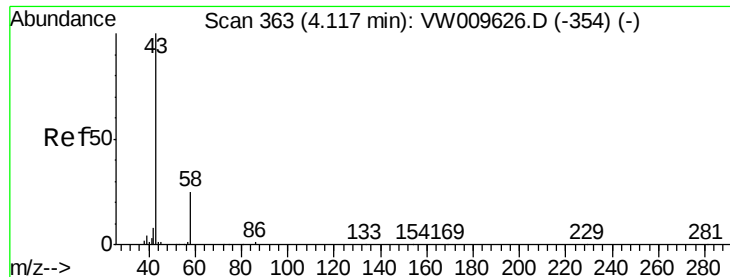
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.528 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

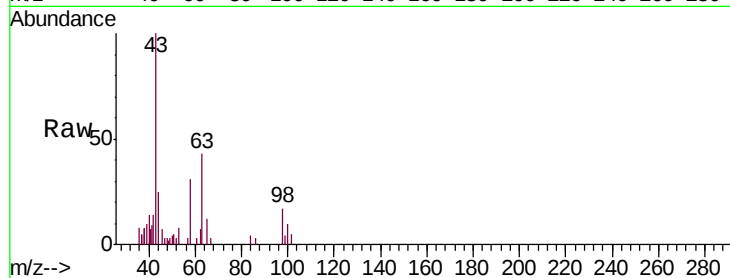
BF5A7

Tgt Ion: 43 Resp: 6293

Ion Ratio Lower Upper

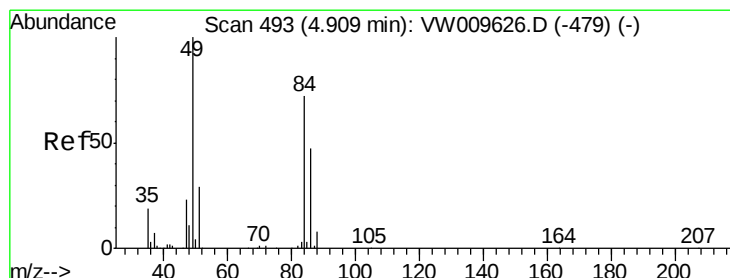
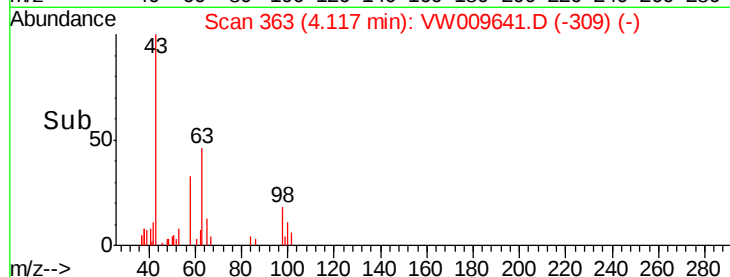
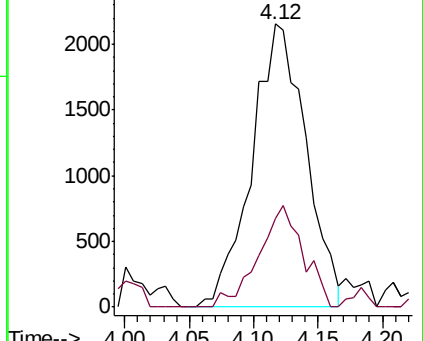
43 100

58 27.9 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: 2.413 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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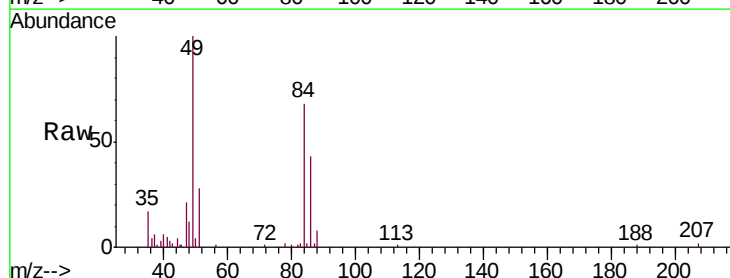
Tgt Ion: 84 Resp: 15483

Ion Ratio Lower Upper

84 100

49 146.9 96.0 178.2

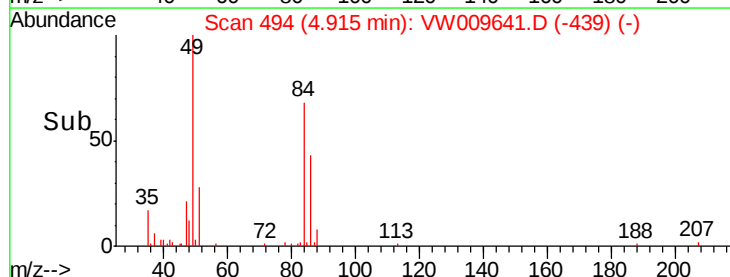
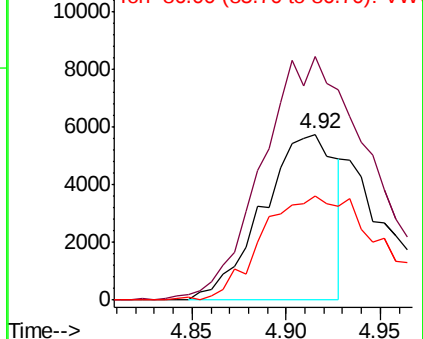
86 62.8 44.4 82.5

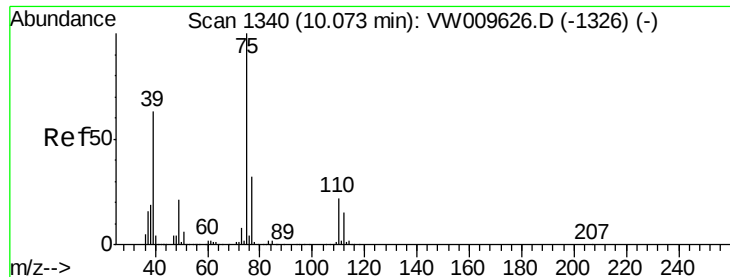


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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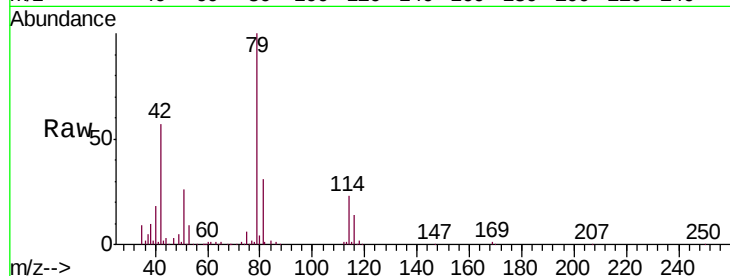
BF5A7

Tgt Ion: 75 Resp: 5536

Ion Ratio Lower Upper

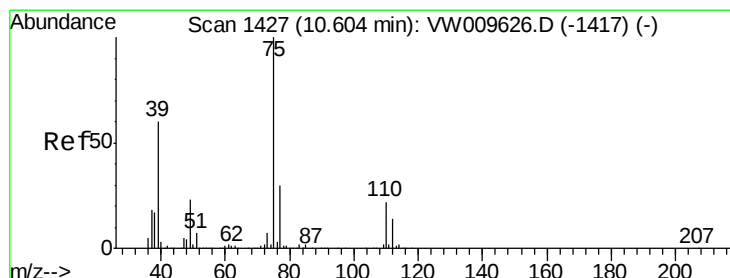
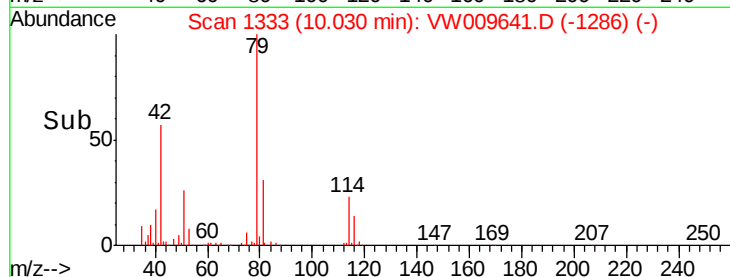
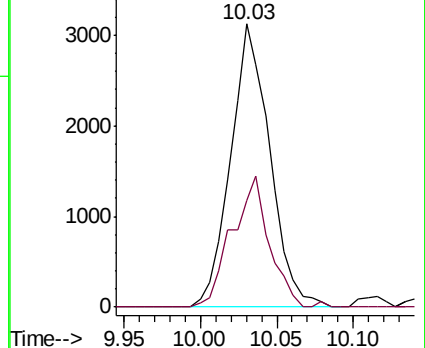
75 100

77 37.6 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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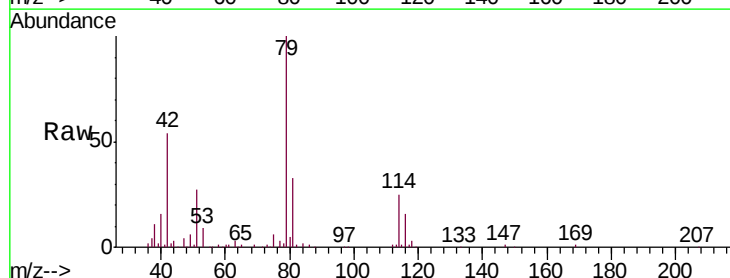
Acq: 01 Apr 2019 23:22

Tgt Ion: 75 Resp: 3918

Ion Ratio Lower Upper

75 100

77 43.8 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

