

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009861.D
 Acq On : 10 Apr 2019 04:23
 Operator : SY/VA
 Sample : VW0408S4
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK01

Quant Time: Apr 10 06:07:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 06:04:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	441831	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183120	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	142338	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
7) Chloroethane-d5	2.89	69	121668	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.01	63	253962	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.68%
20) 2-Butanone-d5	7.07	46	111866	59.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.18%
24) Chloroform-d	7.64	84	315035	26.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.52%
26) 1,2-Dichloroethane-d4	8.31	65	202587	27.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.48%
29) Benzene-d6	8.27	84	594158	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	9.27	67	181836	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.28%
37) Toluene-d8	10.32	98	528233	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	76842	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	10.93	63	70344	52.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166954	25.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	179127	27.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.52%

Target Compounds

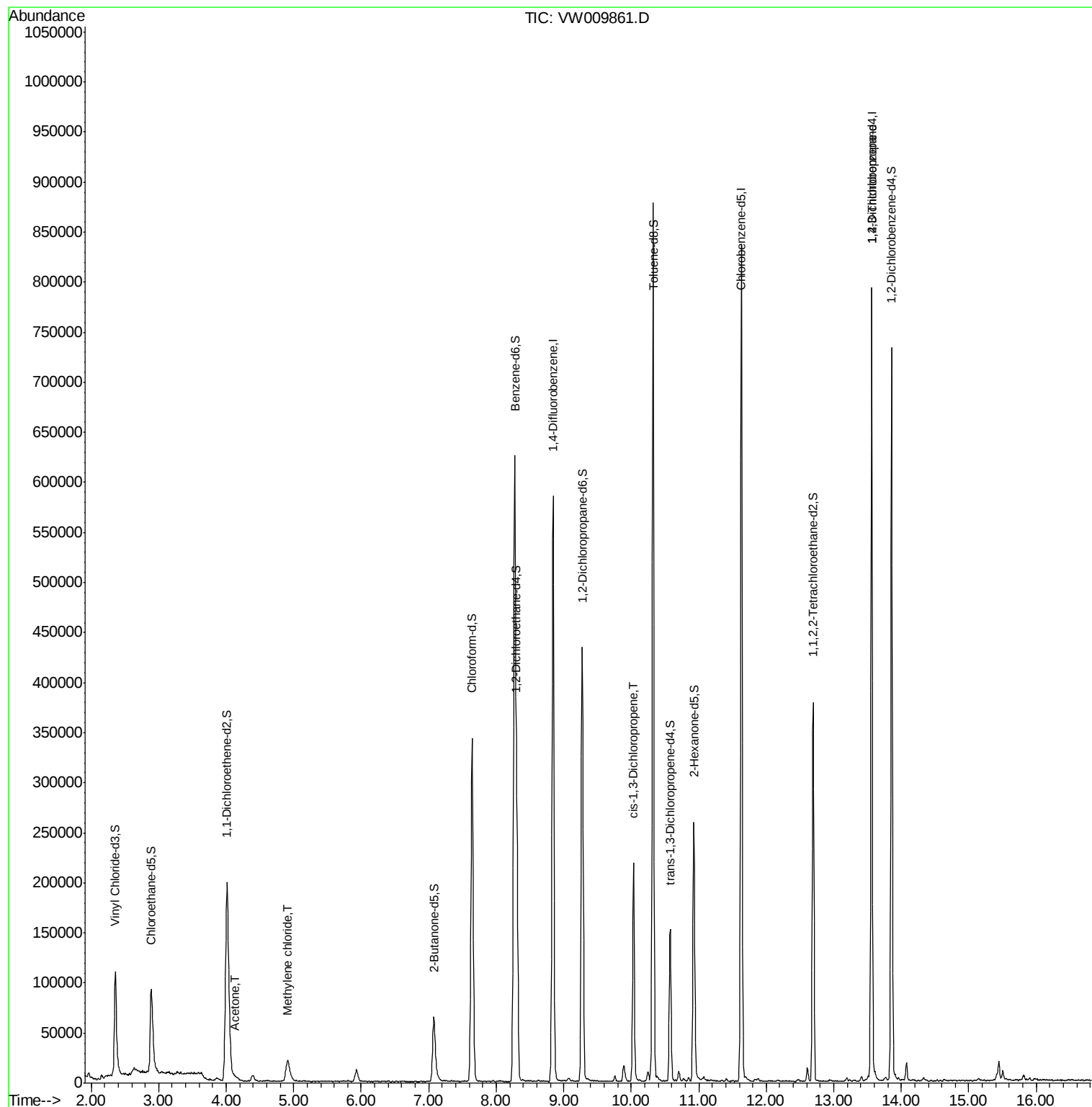
					Qvalue
13) Acetone	4.13	43	1416	0.704 ug/L	50
16) Methylene chloride	4.90	84	7976	1.024 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	6496	0.627 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	24912	4.957 ug/L	89

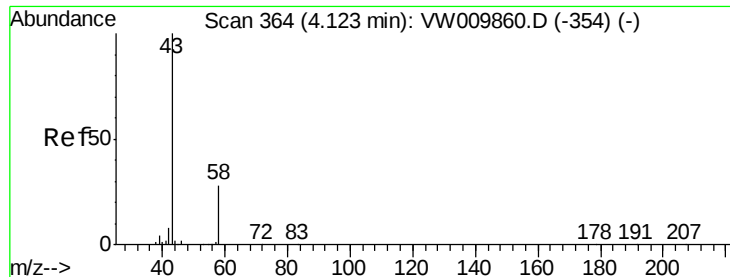
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.704 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009861.D

Acq: 10 Apr 2019 04:23

Instrument :

MSVOA_W

ClientSampled :

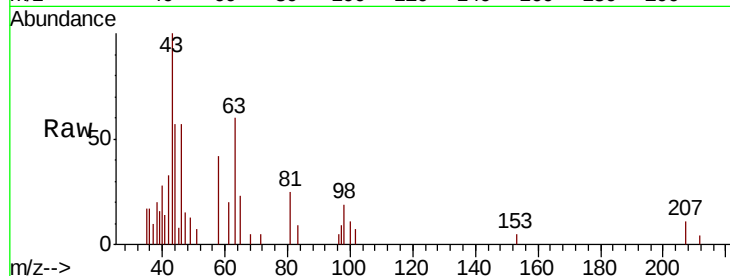
VBLK01

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

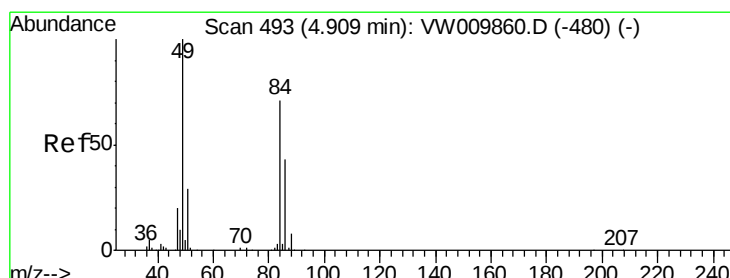
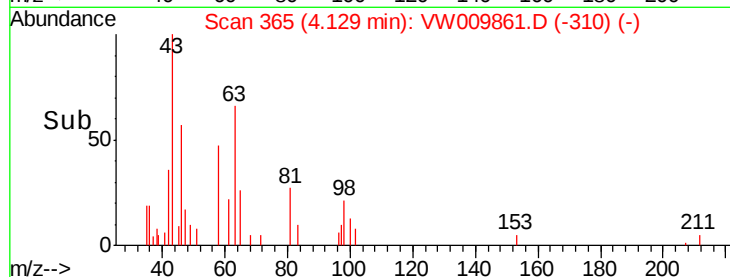
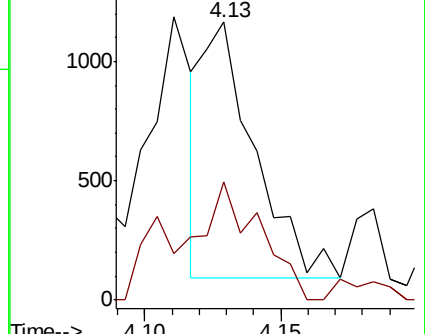
43 100

58 52.0 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.024 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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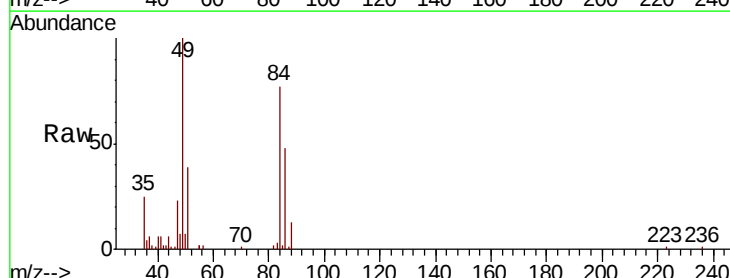
Tgt Ion: 84 Resp: 7976

Ion Ratio Lower Upper

84 100

49 129.7 98.3 182.5

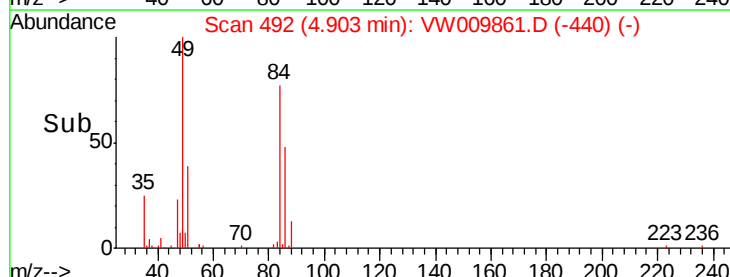
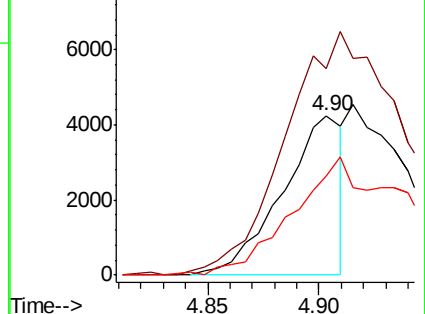
86 62.0 46.4 86.2

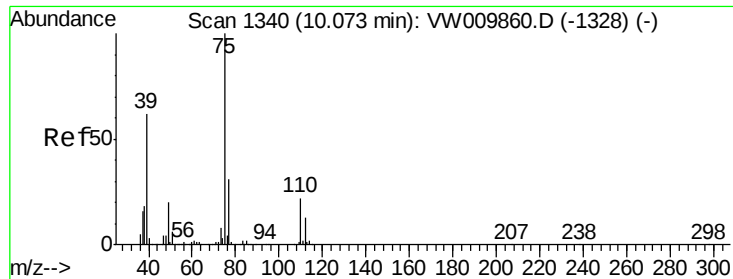


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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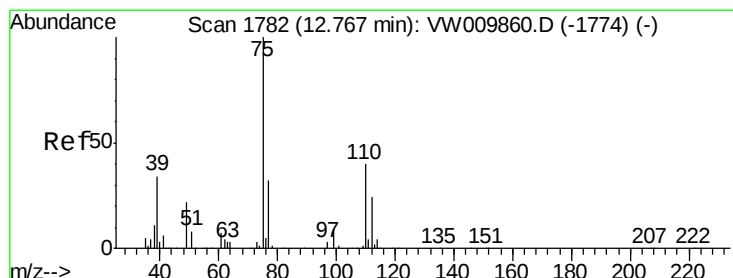
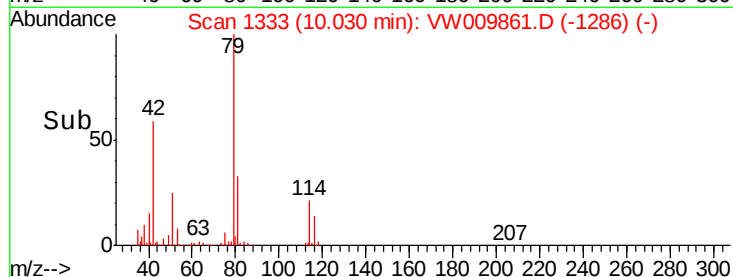
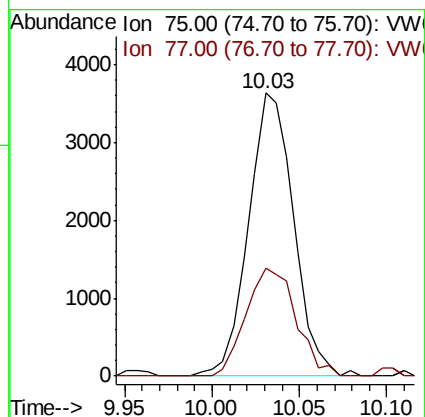
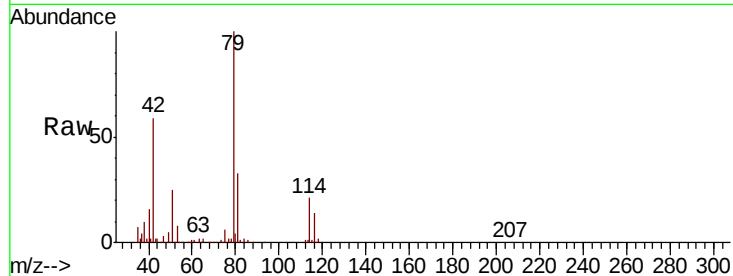
VBLK01

Tgt Ion: 75 Resp: 6496

Ion Ratio Lower Upper

75 100

77 38.3 21.0 39.0



#59

1,2,3-Trichloropropane

Concen: 4.957 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009861.D

Acq: 10 Apr 2019 04:23

Tgt Ion: 75 Resp: 24912

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2

