

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009782.D
 Acq On : 06 Apr 2019 21:08
 Operator : SY/VA
 Sample : VW0406SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK26

Quant Time: Apr 07 05:39:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	439101	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138193	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.89	69	125173	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
10) 1,1-Dichloroethene-d2	4.01	63	239095	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	7.07	46	110949	59.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.94%
24) Chloroform-d	7.64	84	309110	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.30	65	197939	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	8.27	84	583445	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	9.27	67	178589	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	10.32	98	529568	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.36%
38) trans-1,3-Dichloropropene-	10.58	79	80797	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.93	63	78693	59.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	165305	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	188044	27.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.16%

Target Compounds

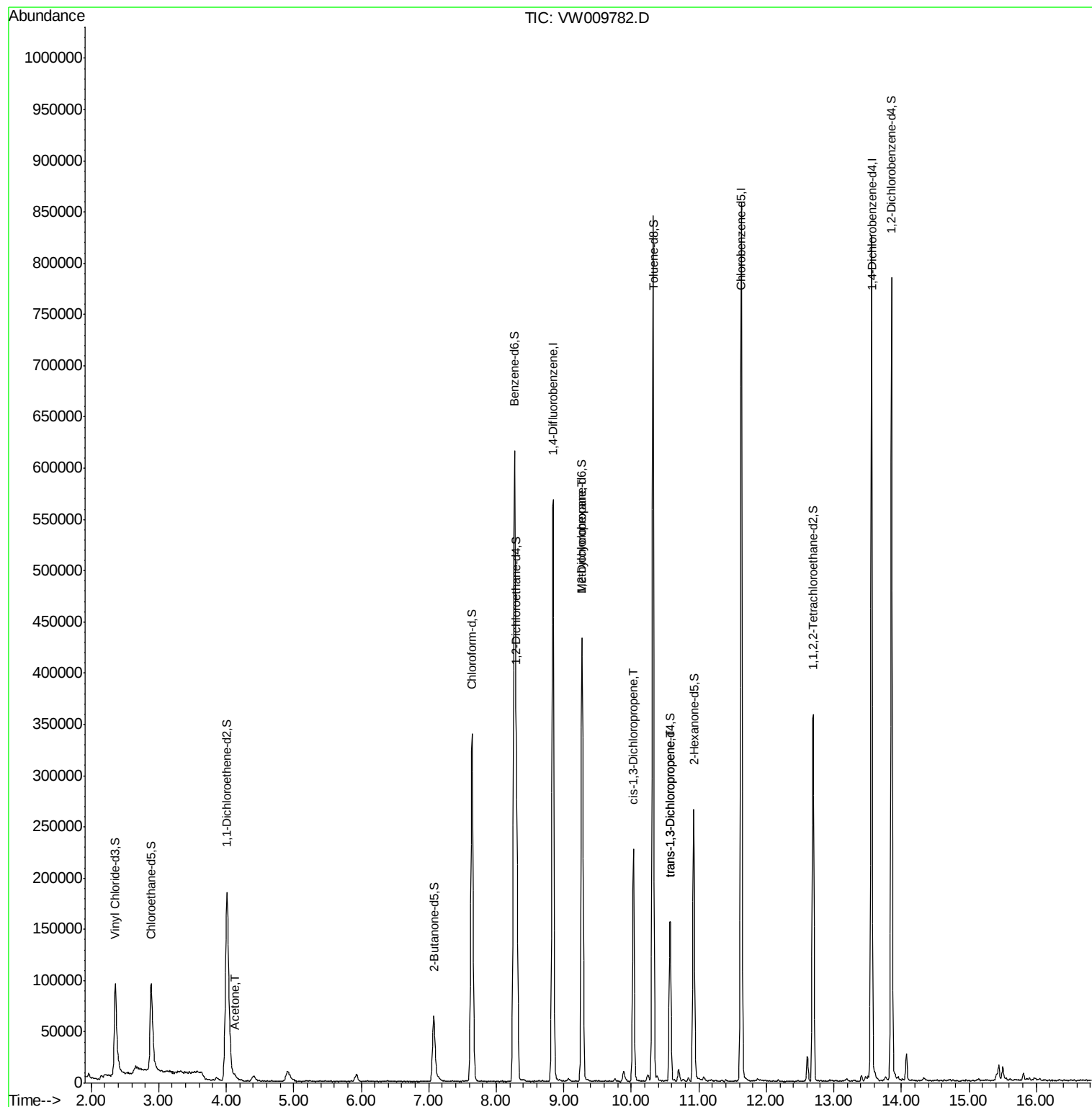
					Qvalue
13) Acetone	4.13	43	3453	1.727 ug/L	90
36) Methylcyclohexane	9.27	83	44941	3.992 ug/L #	17
42) cis-1,3-Dichloropropene	10.03	75	6672	0.643 ug/L #	76
45) trans-1,3-Dichloropropene	10.57	75	4438	0.496 ug/L	86

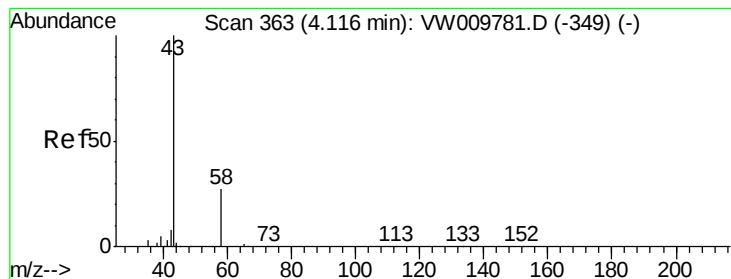
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.727 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

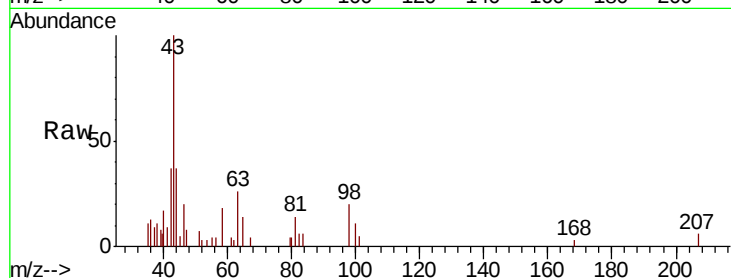
VBLK26

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

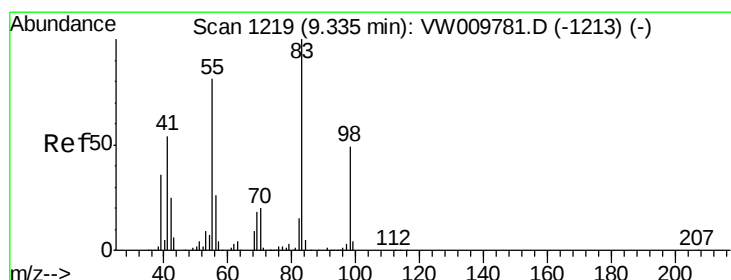
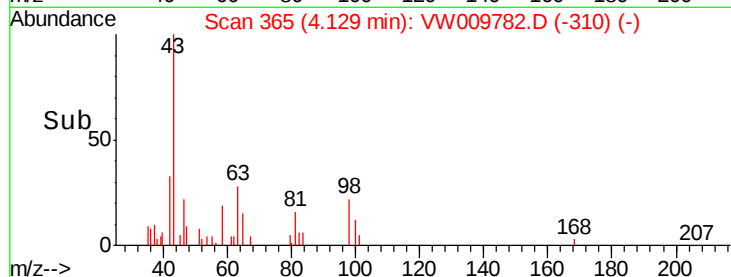
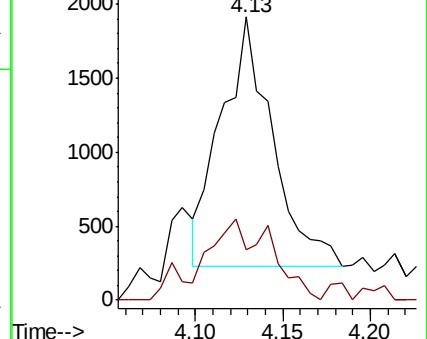
43 100

58 21.6 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 3.992 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

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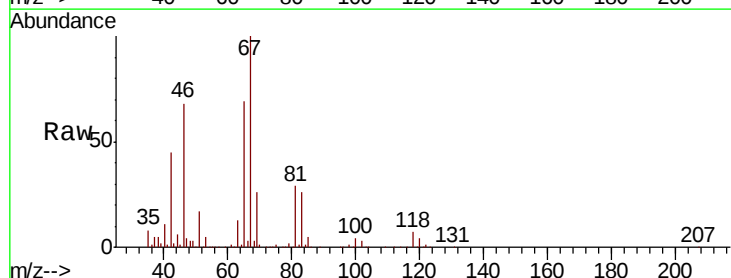
Tgt Ion: 83 Resp: 44941

Ion Ratio Lower Upper

83 100

55 0.9 66.3 99.5#

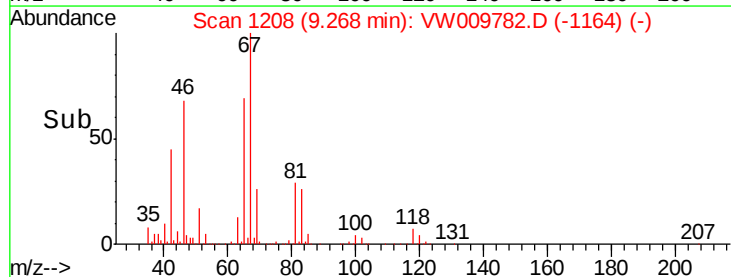
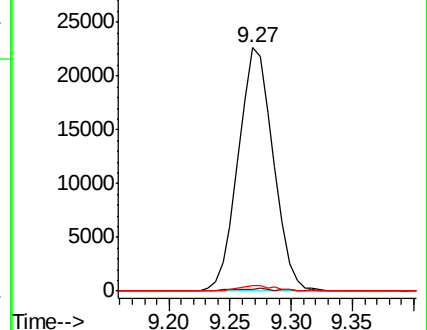
98 2.3 39.4 59.0#

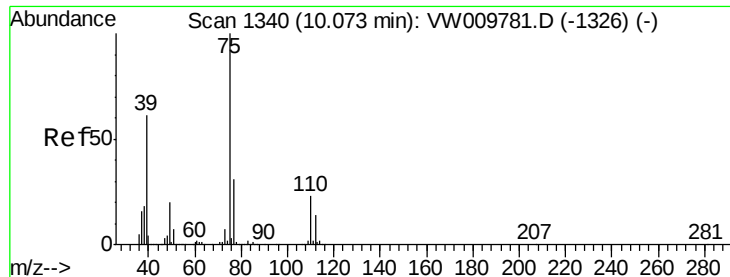


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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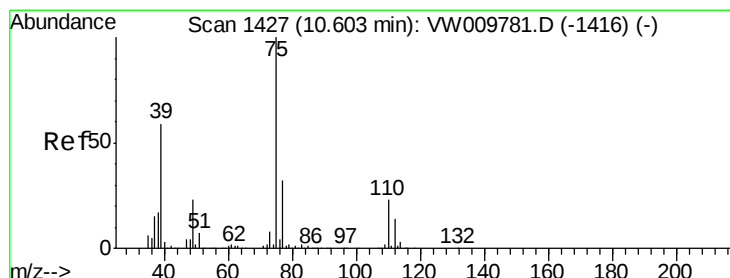
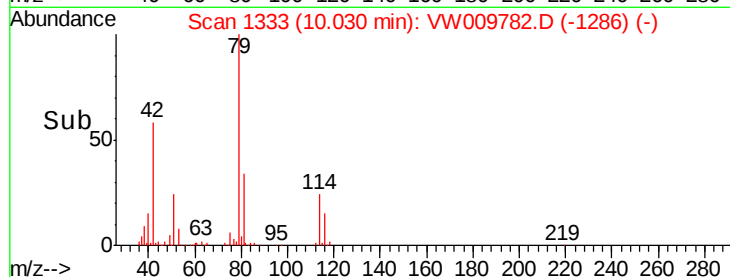
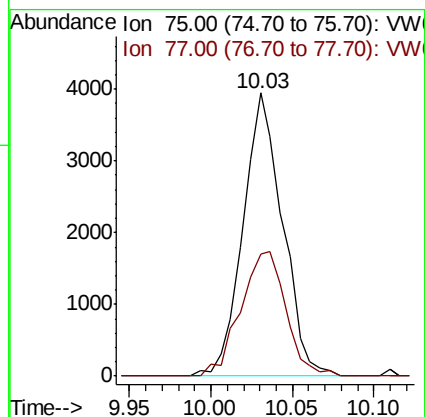
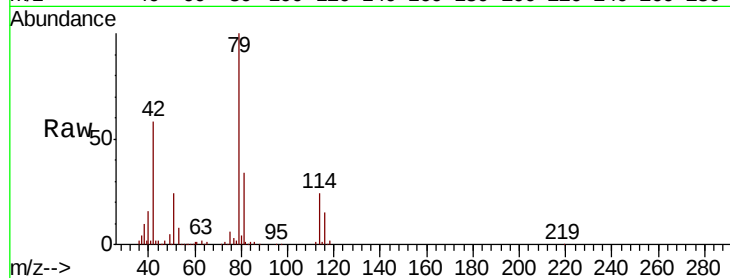
VBLK26

Tgt Ion: 75 Resp: 6672

Ion Ratio Lower Upper

75 100

77 43.0 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.496 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009782.D

Acq: 06 Apr 2019 21:08

Tgt Ion: 75 Resp: 4438

Ion Ratio Lower Upper

75 100

77 37.7 21.1 39.3

