

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009762.D
 Acq On : 06 Apr 2019 10:17
 Operator : SY/VA
 Sample : VW0406SBL02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK25

Quant Time: Apr 07 03:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493518	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	468904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208133	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128621	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
7) Chloroethane-d5	2.89	69	122220	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	4.01	63	234461	16.88	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.52%
20) 2-Butanone-d5	7.07	46	98088	46.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.56%
24) Chloroform-d	7.64	84	303807	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.45	65	55	0.01	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	566763	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	174880	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.32	98	512962	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.57	79	77459	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	67001	46.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150539	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	177144	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

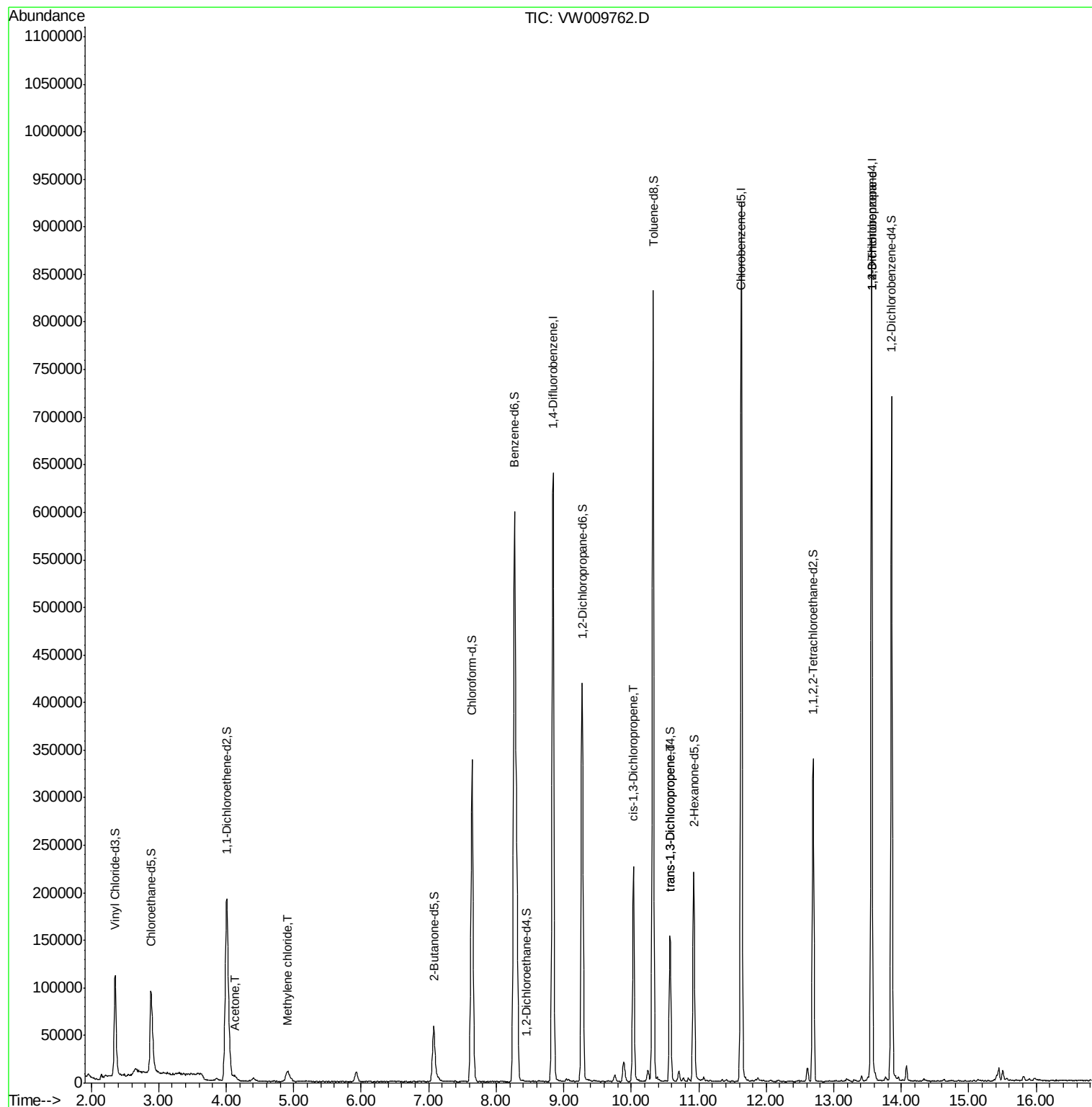
					Qvalue
13) Acetone	4.12	43	3388	1.508 ug/L	90
16) Methylene chloride	4.91	84	8856	1.017 ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	6117	0.547 ug/L #	62
45) trans-1,3-Dichloropropene	10.57	75	4271	0.443 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	28840	5.315 ug/L	91

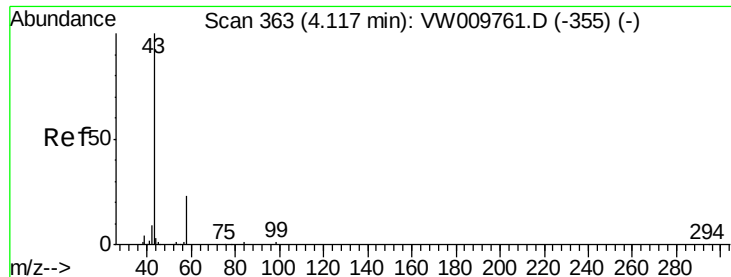
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.508 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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ClientSampleId :

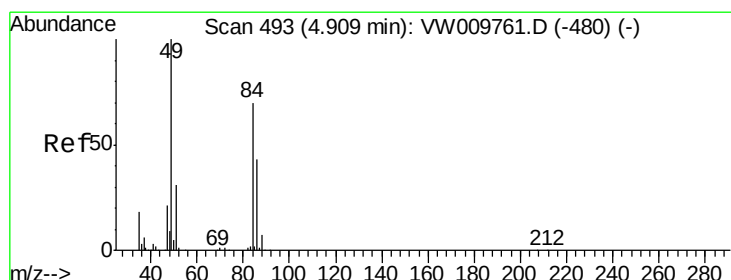
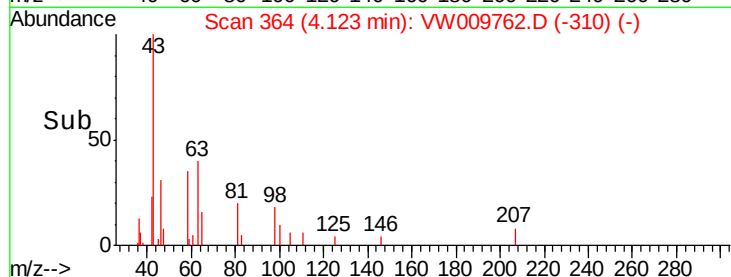
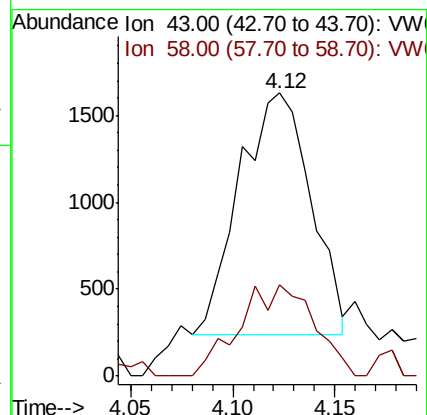
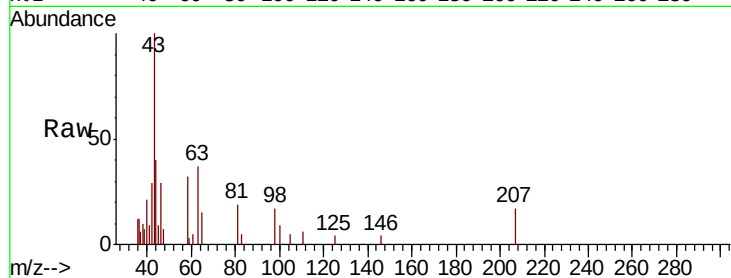
VBLK25

Tgt Ion: 43 Resp: 3388

Ion Ratio Lower Upper

43 100

58 21.5 0.0 53.0



#16

Methylene chloride

Concen: 1.017 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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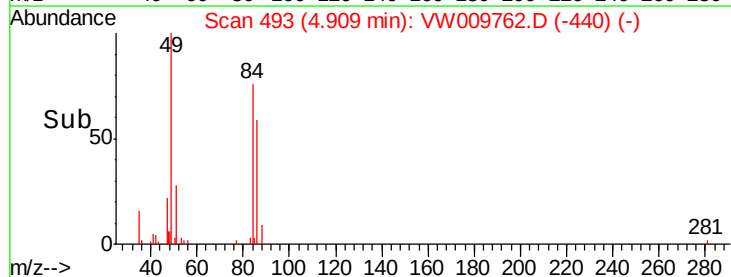
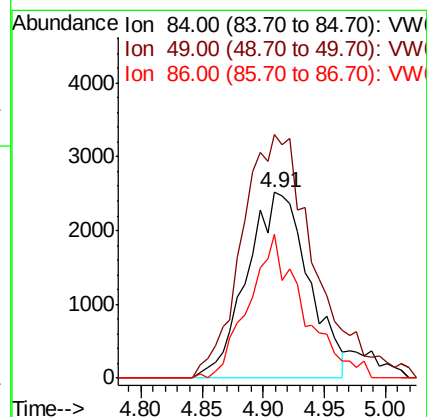
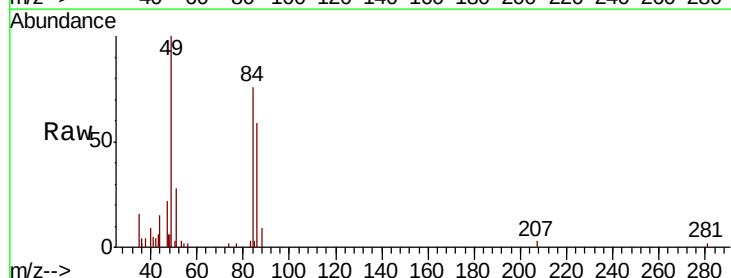
Tgt Ion: 84 Resp: 8856

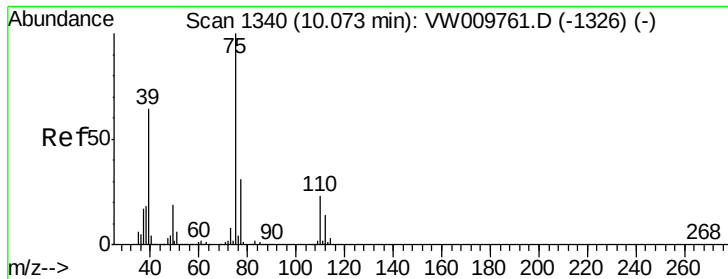
Ion Ratio Lower Upper

84 100

49 131.2 98.3 182.5

86 77.3 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.547 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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ClientSampleId :

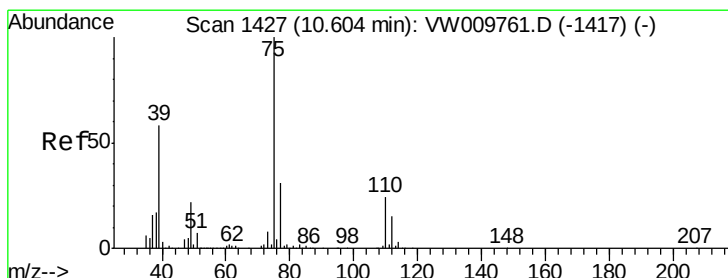
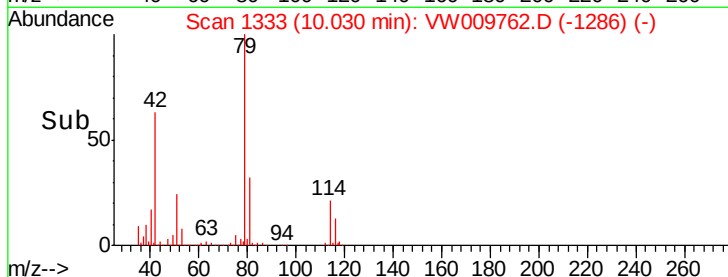
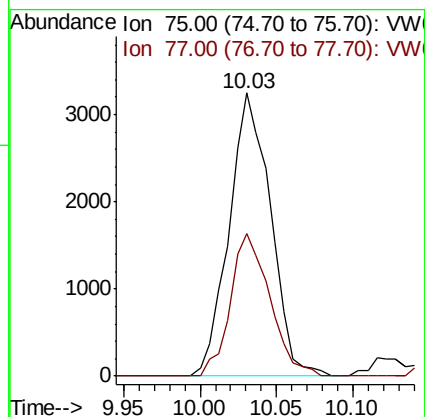
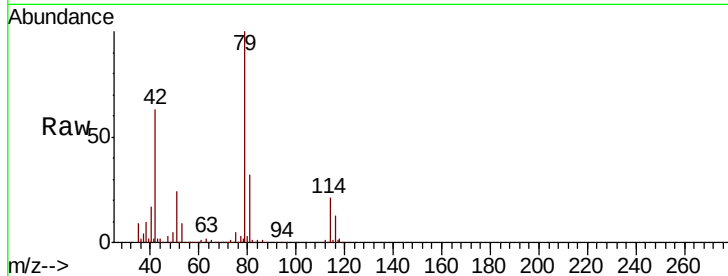
VBLK25

Tgt Ion: 75 Resp: 6117

Ion Ratio Lower Upper

75 100

77 50.4 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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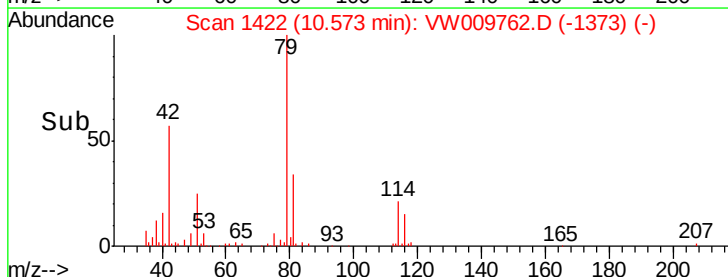
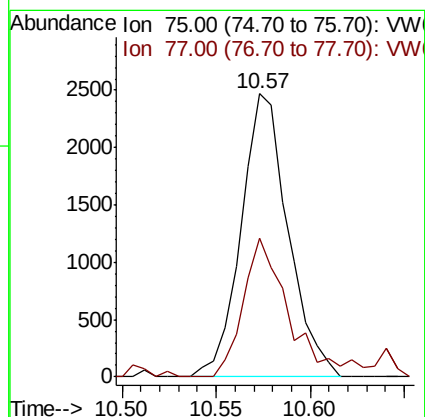
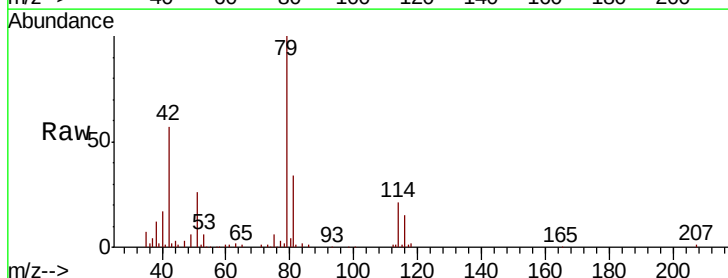
Acq: 06 Apr 2019 10:17

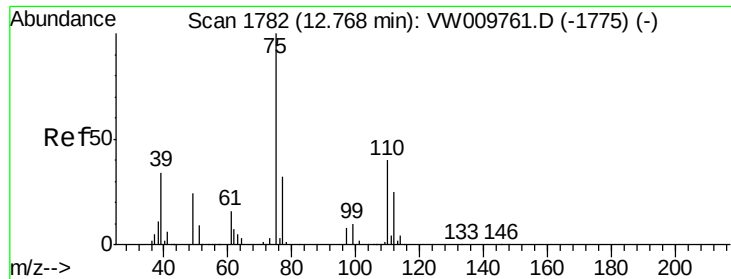
Tgt Ion: 75 Resp: 4271

Ion Ratio Lower Upper

75 100

77 48.8 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 5.315 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009762.D

Acq: 06 Apr 2019 10:17

Instrument :

MSVOA_W

ClientSampleId :

VBLK25

Tgt Ion: 75 Resp: 28840

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

