

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010078.D
 Acq On : 22 Apr 2019 11:58
 Operator : SY/VA
 Sample : VW0422SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK10

Quant Time: Apr 23 06:08:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	845184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	766175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	204311	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
7) Chloroethane-d5	2.89	69	156935	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.60%
10) 1,1-Dichloroethene-d2	4.01	63	425322	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	7.08	46	158050	36.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.16%
24) Chloroform-d	7.65	84	517447	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	8.31	65	306530	20.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.88%
29) Benzene-d6	8.27	84	1035705	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.27	67	317256	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	943642	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.28%
38) trans-1,3-Dichloropropene-	10.58	79	142055	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.36%
39) 2-Hexanone-d5	10.93	63	117931	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	238705	19.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	316992	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

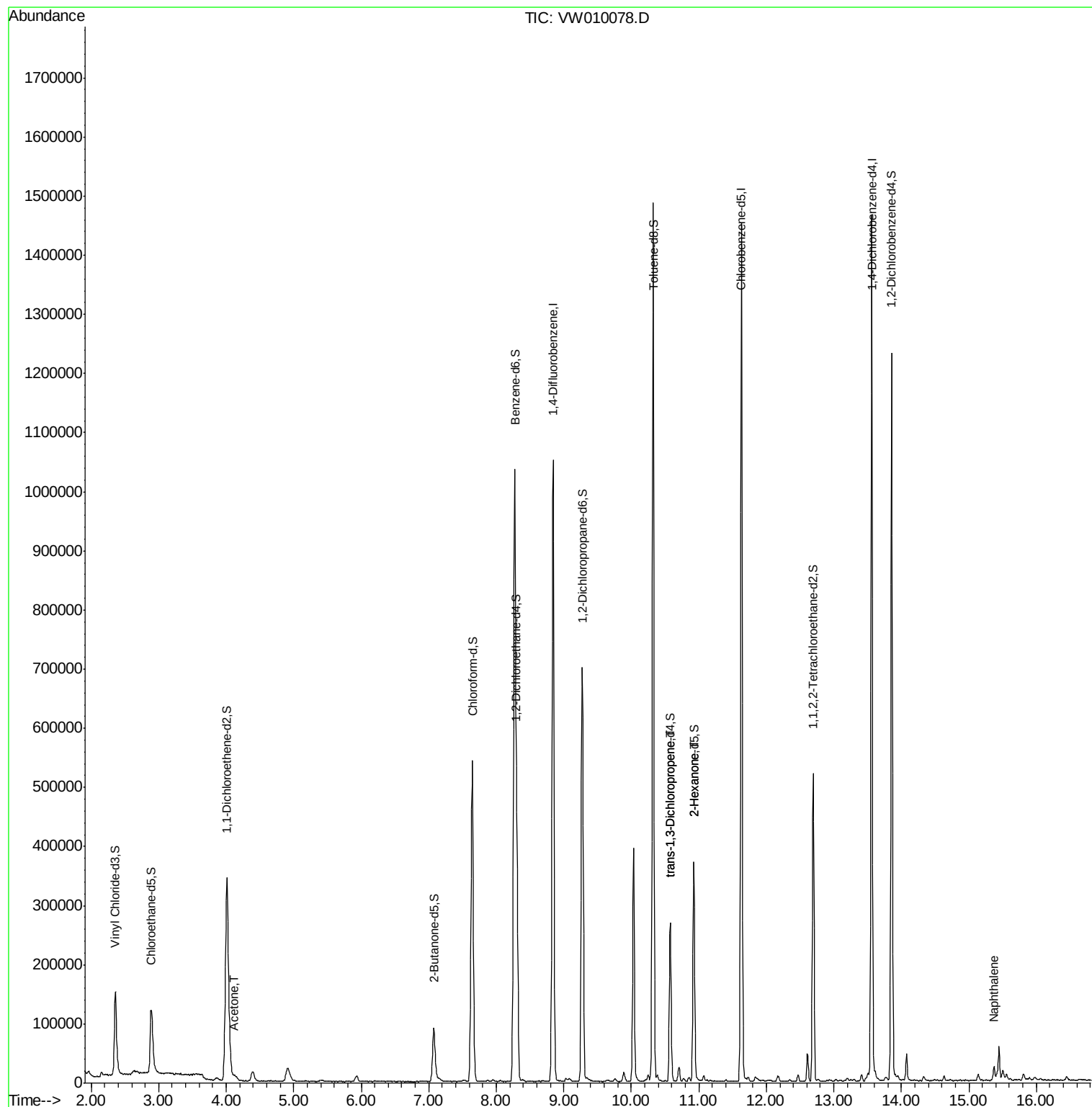
					Qvalue
13) Acetone	4.12	43	7619	1.983 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	8563	0.527 ug/L	93
49) 2-Hexanone	10.93	43	15209	2.178 ug/L #	69
69) Naphthalene	15.37	128	18915	0.686 ug/L	98

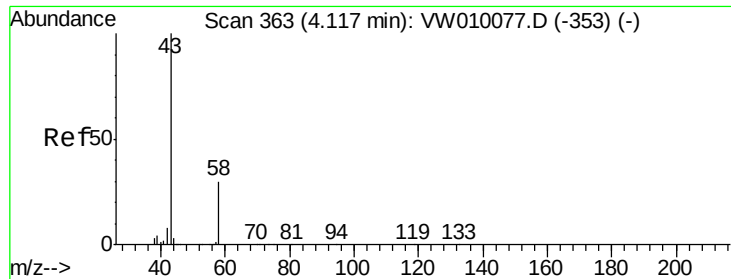
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.983 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010078.D

Acq: 22 Apr 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

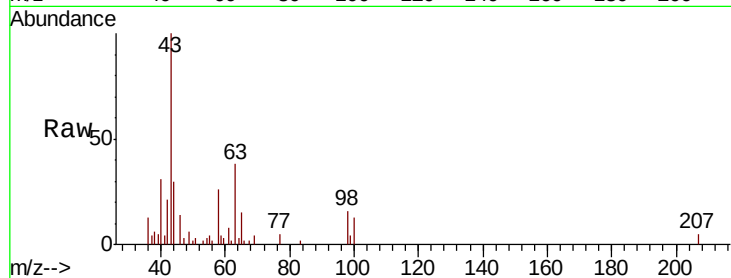
VBLK10

Tgt Ion: 43 Resp: 7619

Ion Ratio Lower Upper

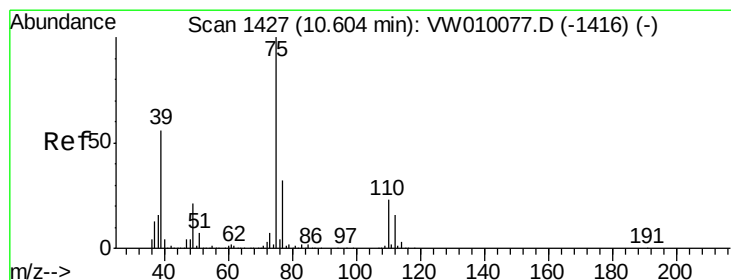
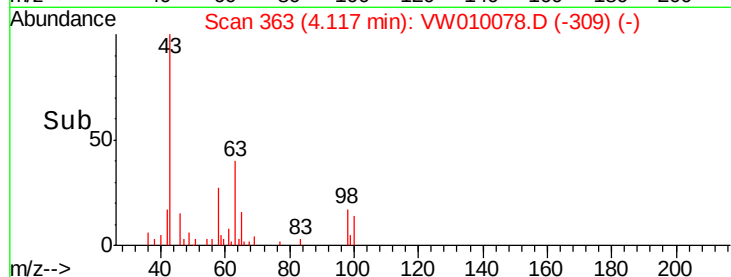
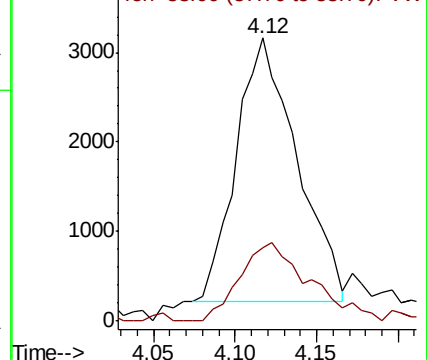
43 100

58 26.0 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW010078.D

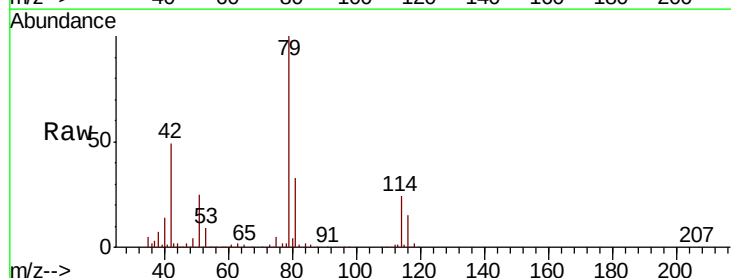
Acq: 22 Apr 2019 11:58

Tgt Ion: 75 Resp: 8563

Ion Ratio Lower Upper

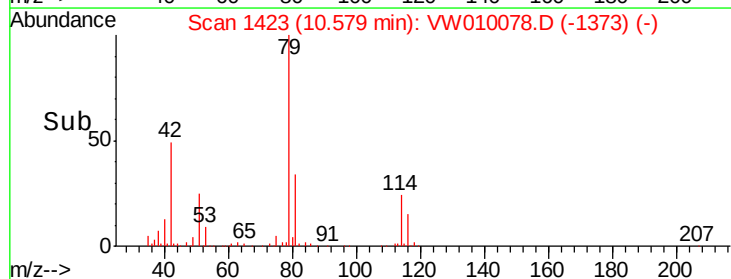
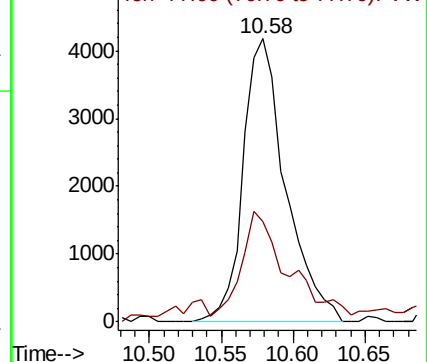
75 100

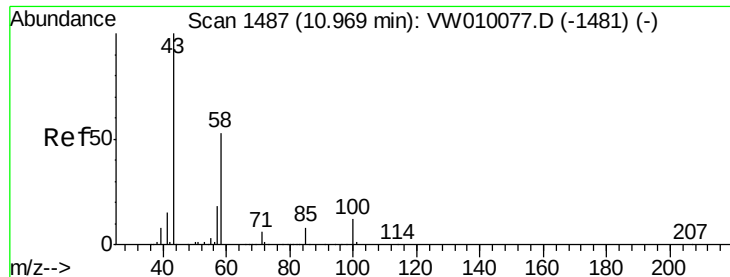
77 35.6 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.178 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010078.D

Acq: 22 Apr 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VBLK10

Tgt Ion: 43 Resp: 15209

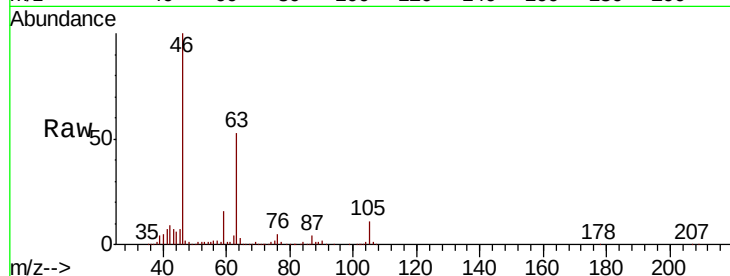
Ion Ratio Lower Upper

43 100

58 26.1 39.8 59.8#

57 27.2 14.1 21.1#

100 0.3 8.4 12.6#



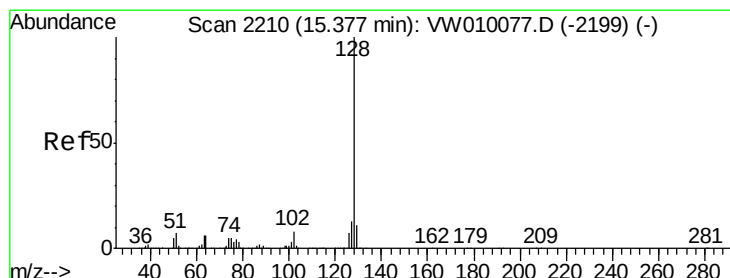
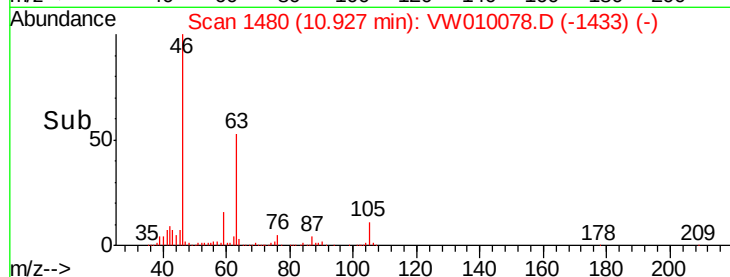
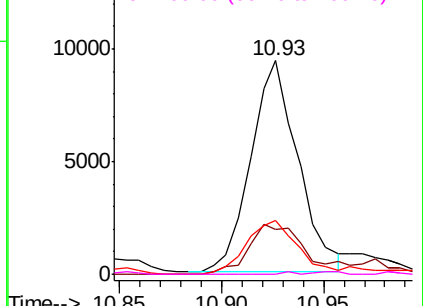
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#69

Naphthalene

Concen: 0.686 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

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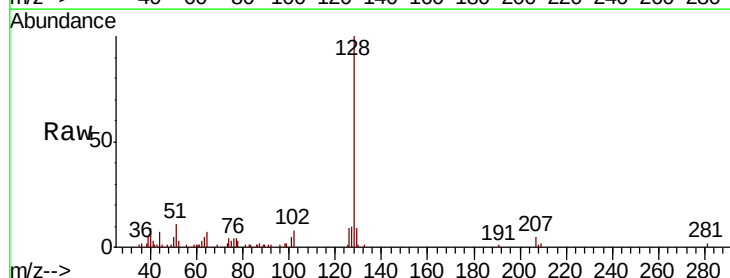
Tgt Ion: 128 Resp: 18915

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 14.0 10.6 16.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

