

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017143.D
 Acq On : 10 Nov 2020 16:24
 Operator : SY/VA
 Sample : L4659-18
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B7

Quant Time: Nov 11 06:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	457501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364616	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135048	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.90	69	111348	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	4.03	63	177077	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.09	46	45626	35.41	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.82%
24) Chloroform-d	7.65	84	252480	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	120101	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.48%
29) Benzene-d6	8.28	84	507410	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	9.27	67	139107	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.36%
37) Toluene-d8	10.32	98	467225	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.76%
38) trans-1,3-Dichloropropene-	10.58	79	44347	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.60%
39) 2-Hexanone-d5	10.93	63	33814	37.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90490	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	99586	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

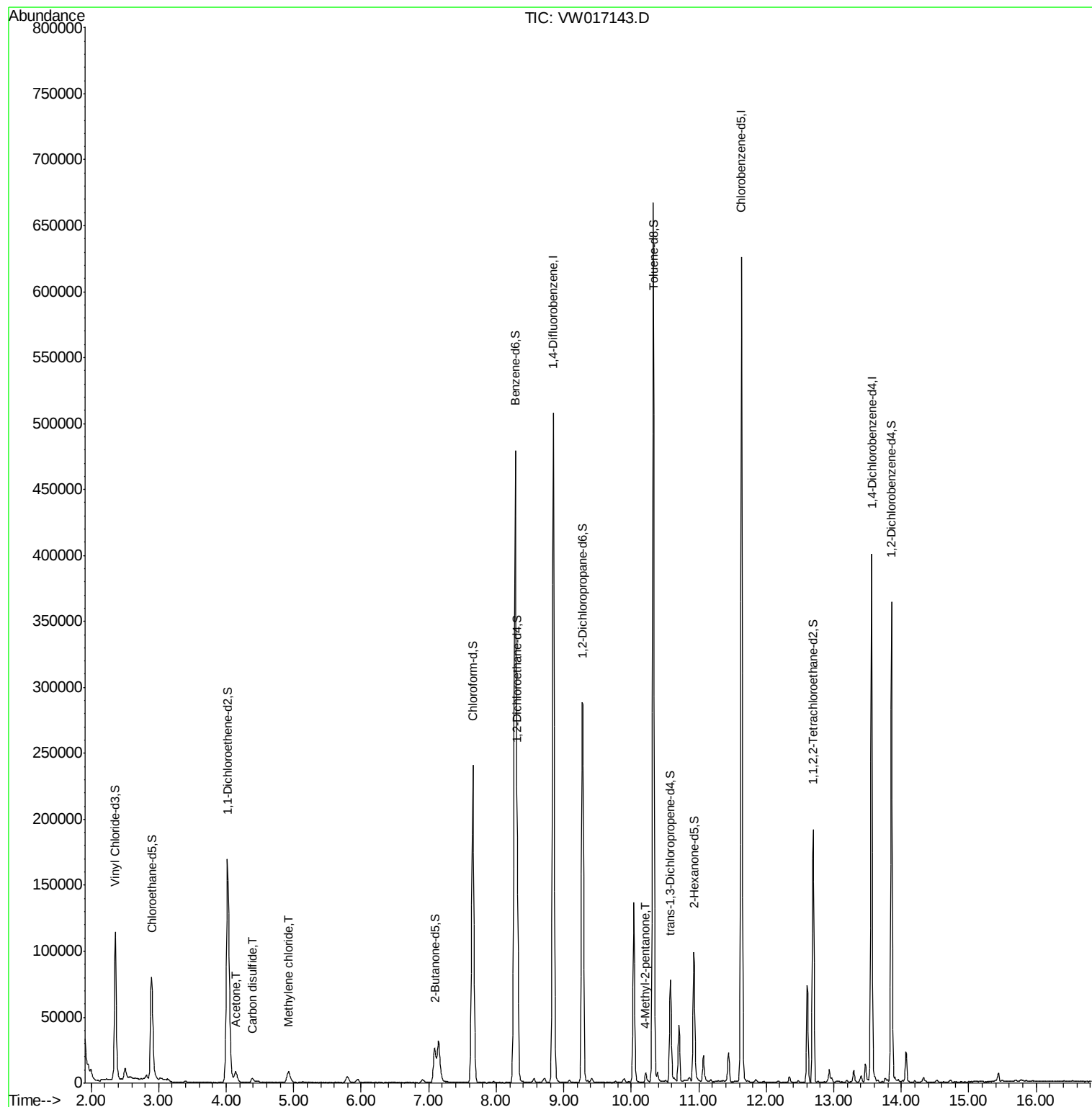
					Ovalue
13) Acetone	4.14	43	15101	17.501	ug/L 90
14) Carbon disulfide	4.39	76	6632	0.429	ug/L 100
16) Methylene chloride	4.93	84	7421	1.203	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	4960	1.796	ug/L 97

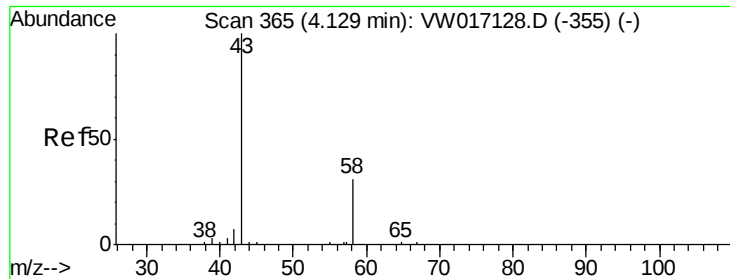
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.501 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017143.D

Acq: 10 Nov 2020 16:24

Instrument :

MSVOA_W

ClientSampleId :

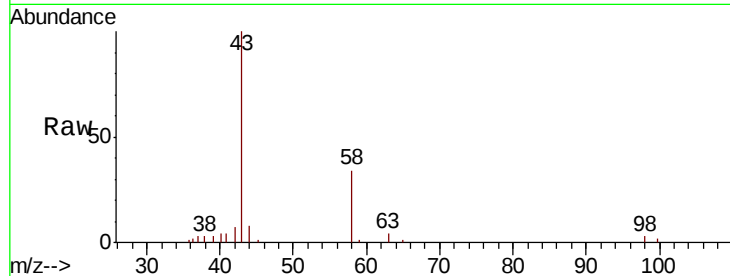
BG4B7

Tot Ion: 43 Resp: 15101

Ion Ratio Lower Upper

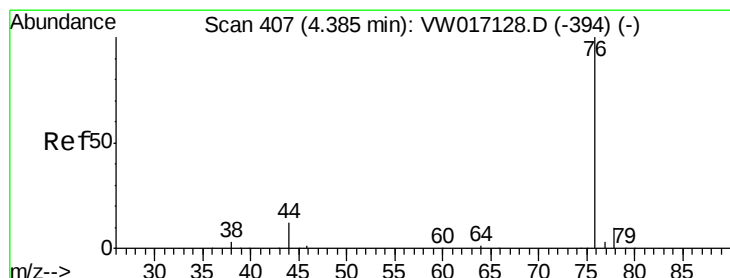
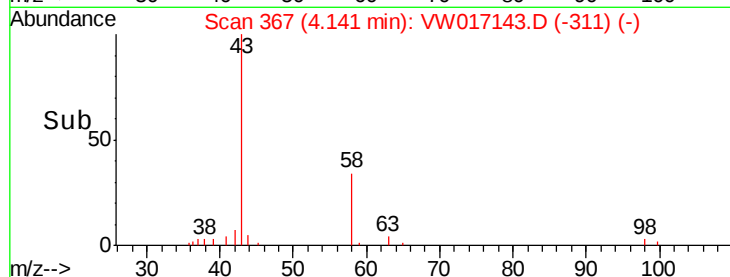
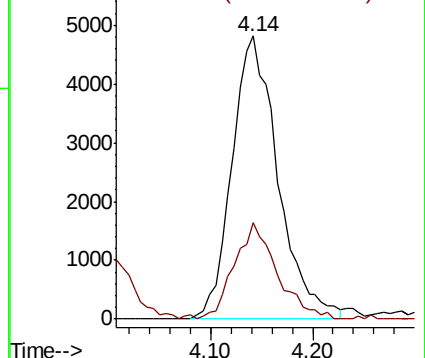
43 100

58 29.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.429 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017143.D

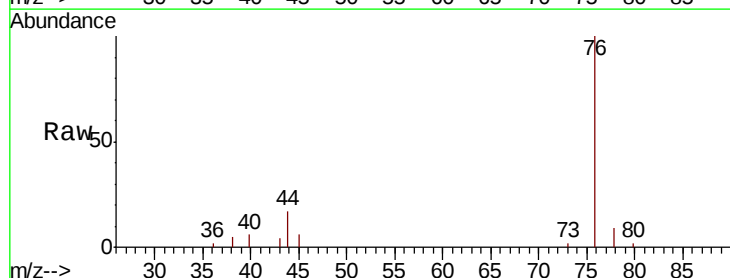
Acq: 10 Nov 2020 16:24

Tgt Ion: 76 Resp: 6632

Ion Ratio Lower Upper

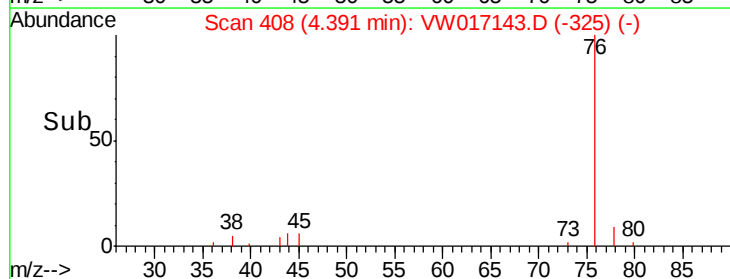
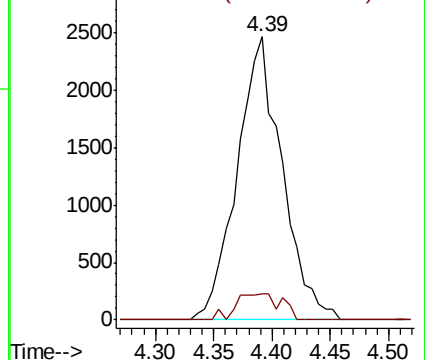
76 100

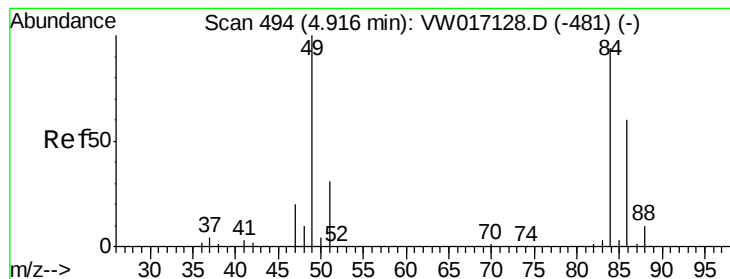
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 1.203 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017143.D

Acq: 10 Nov 2020 16:24

Instrument :

MSVOA_W

ClientSampled :

BG4B7

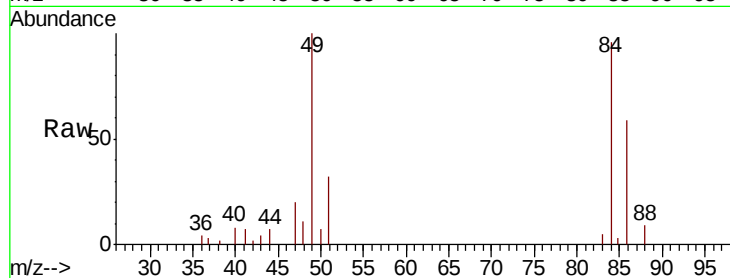
Tot Ion: 84 Resp: 7421

Ion Ratio Lower Upper

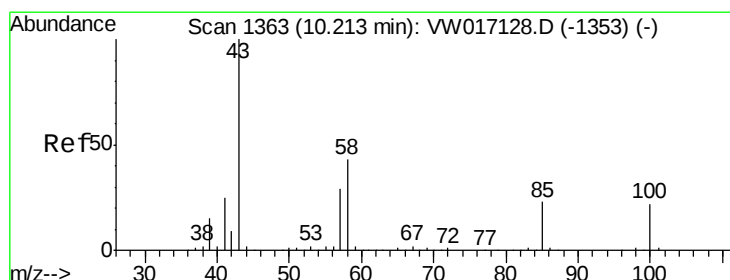
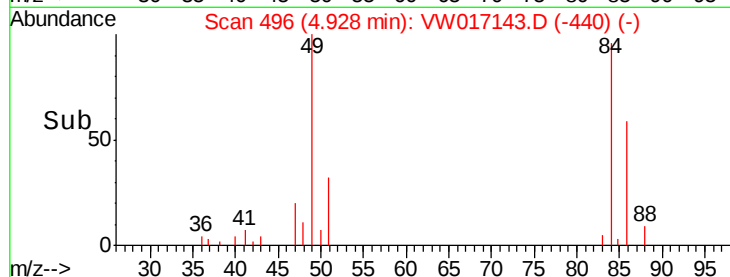
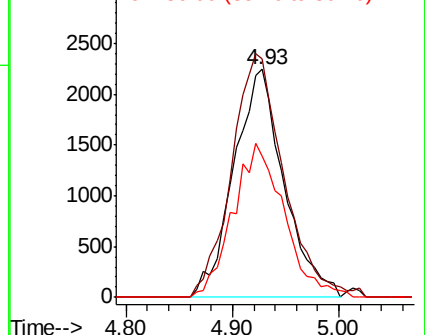
84 100

49 104.5 72.3 134.3

86 61.8 45.1 83.7



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



#43

4-Methyl-2-pentanone

Concen: 1.796 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017143.D

Acq: 10 Nov 2020 16:24

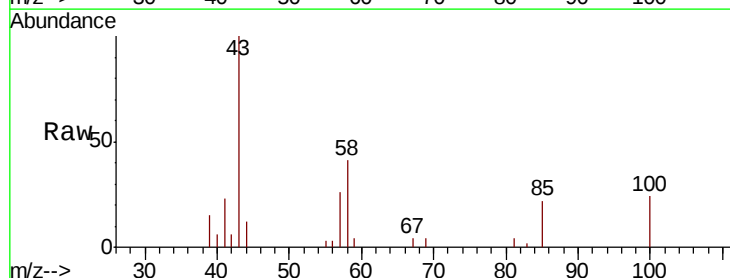
Tgt Ion: 43 Resp: 4960

Ion Ratio Lower Upper

43 100

58 40.9 35.0 52.6

100 21.2 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW

