

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017136.D
 Acq On : 10 Nov 2020 13:37
 Operator : SY/VA
 Sample : L4659-16
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B5

Quant Time: Nov 11 06:07:11 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	8.84	114	502490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132373	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
7) Chloroethane-d5	2.90	69	107971	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.03	63	180191	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.09	46	41608	29.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.80%
24) Chloroform-d	7.65	84	250788	21.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	8.31	65	120713	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.28	84	504030	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	9.27	67	137376	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.56%
37) Toluene-d8	10.32	98	484928	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.52%
38) trans-1,3-Dichloropropene-	10.58	79	50160	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.68%
39) 2-Hexanone-d5	10.93	63	33136	28.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96958	16.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	168166	22.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.84%

Target Compounds

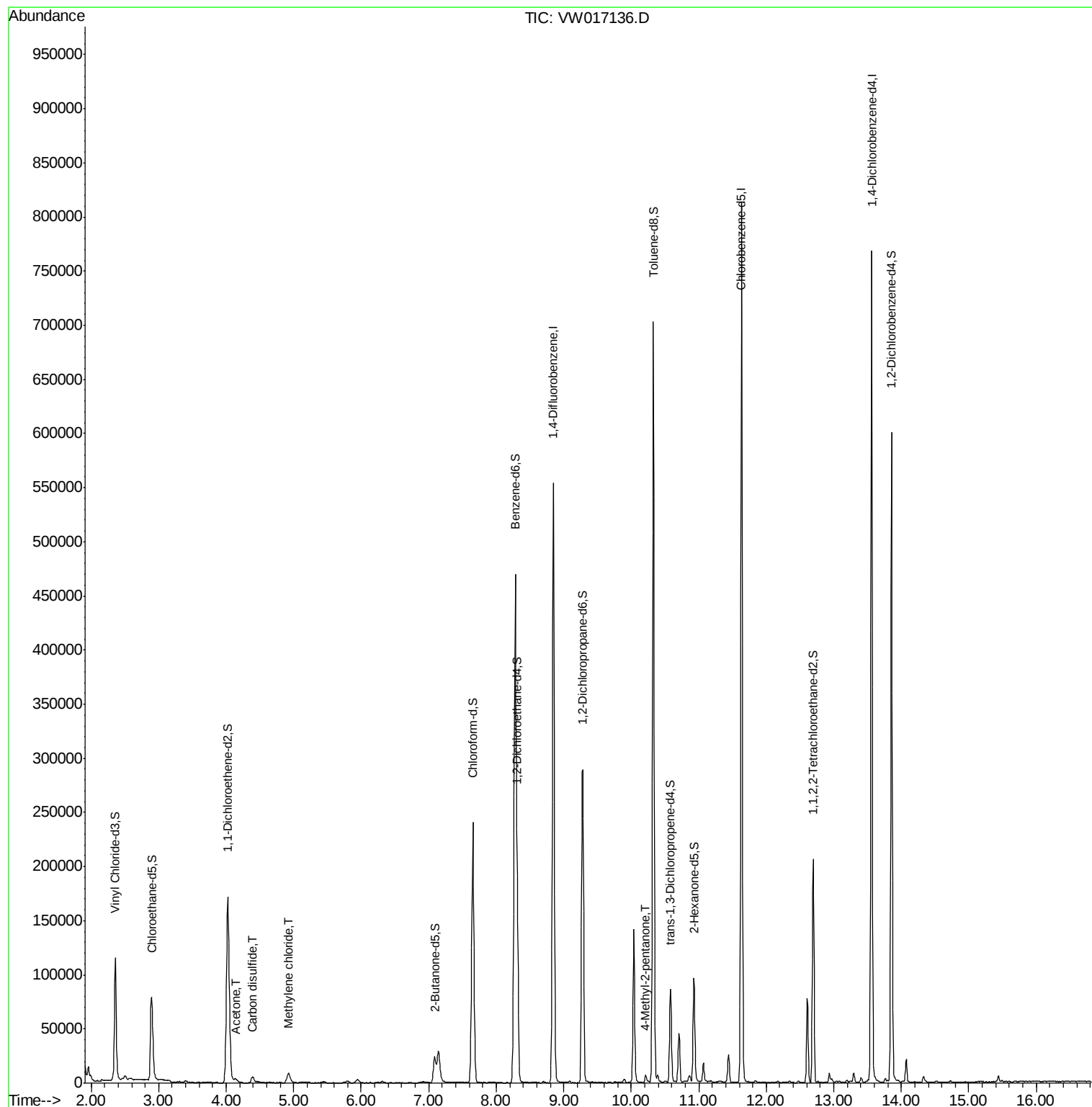
					Ovalue
13) Acetone	4.14	43	5862	6.186 ug/L	48
14) Carbon disulfide	4.39	76	12265	0.723 ug/L	100
16) Methylene chloride	4.92	84	7598	1.122 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	4617	1.306 ug/L	97

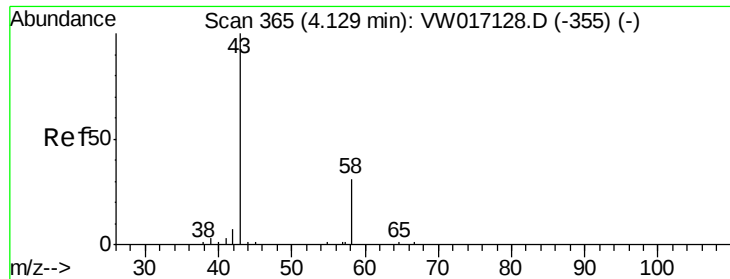
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.186 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Acq: 10 Nov 2020 13:37

Instrument :

MSVOA_W

ClientSampled :

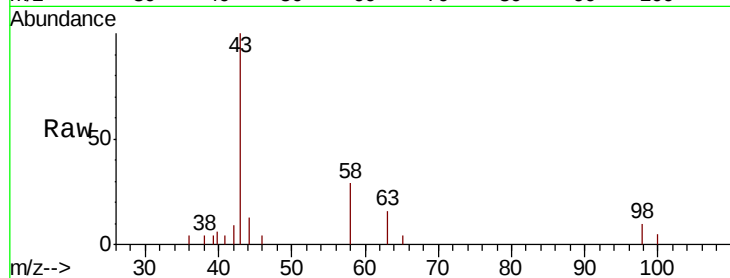
BG4B5

Tot Ion: 43 Resp: 5862

Ion Ratio Lower Upper

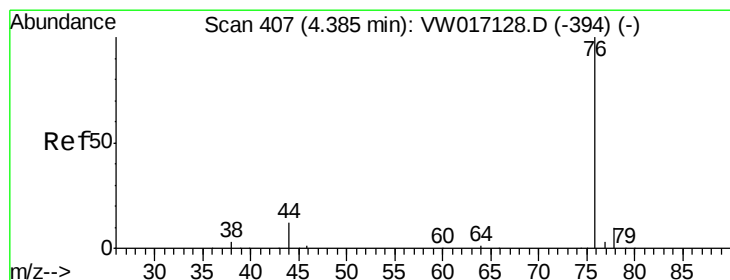
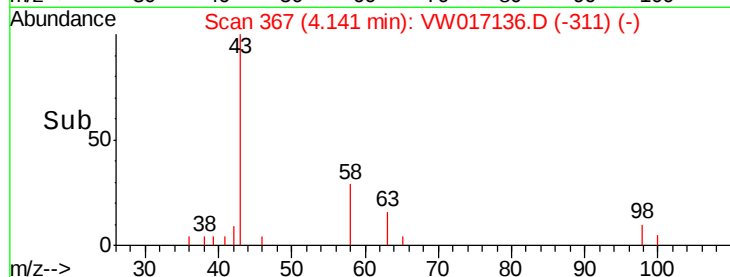
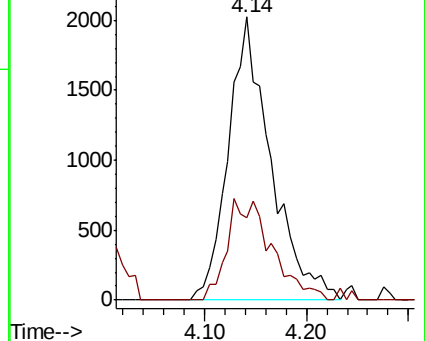
43 100

58 4.7 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: 0.723 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017136.D

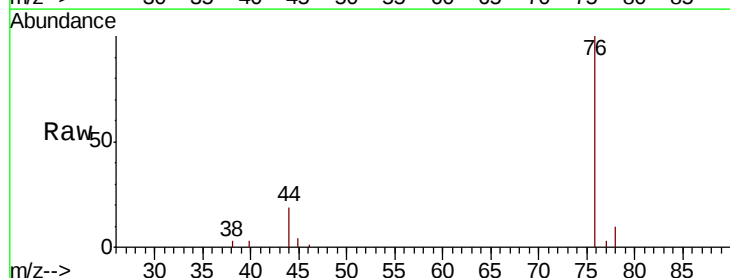
Acq: 10 Nov 2020 13:37

Tgt Ion: 76 Resp: 12265

Ion Ratio Lower Upper

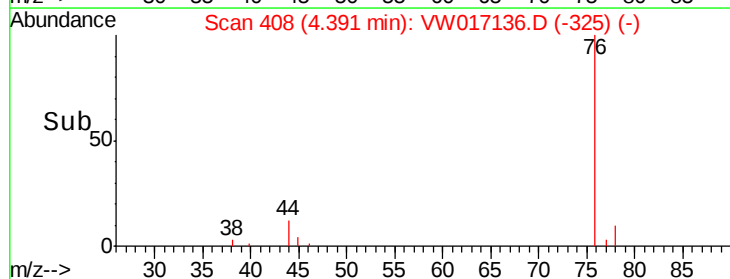
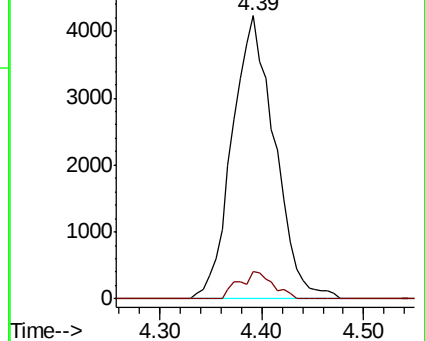
76 100

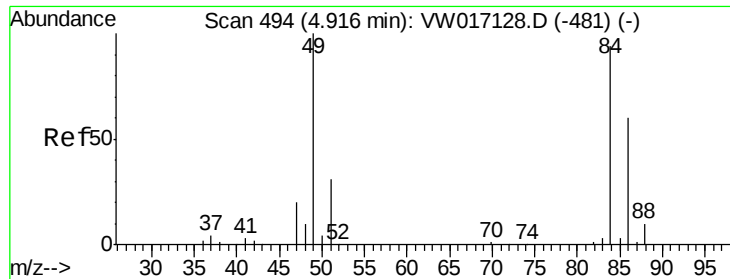
78 9.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

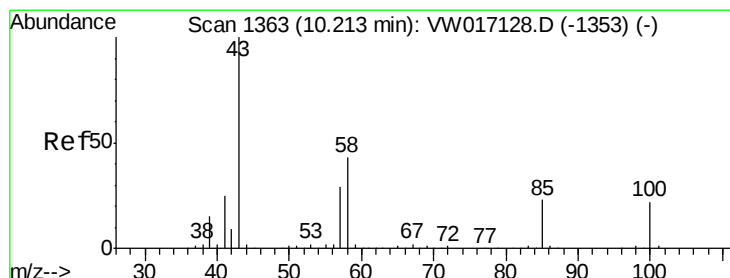
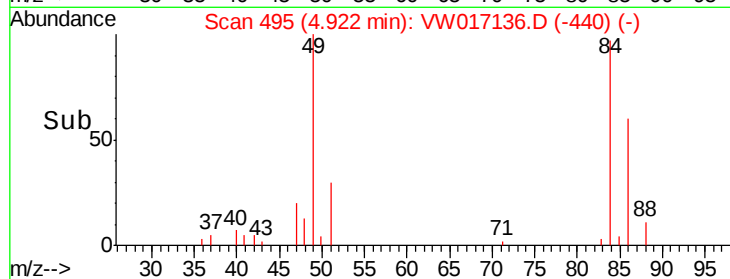
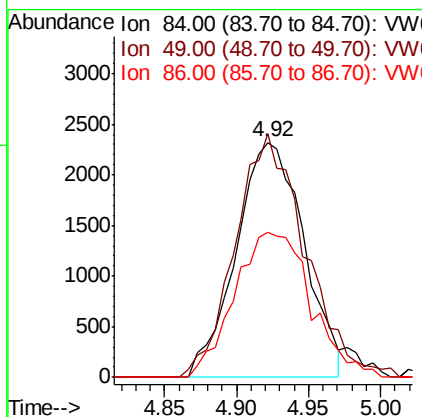
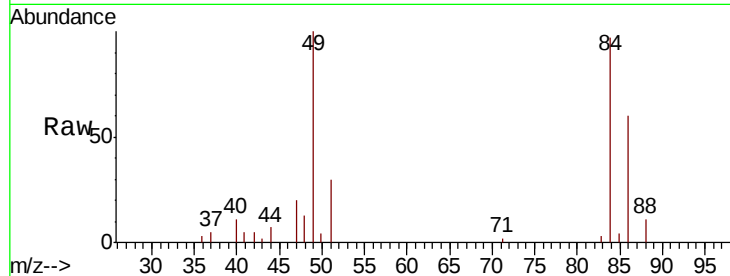




#16
Methylene chloride
Concen: 1.122 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Instrument :
MSVOA_W
ClientSampled :
BG4B5

Tot Ion: 84 Resp: 7598
Ion Ratio Lower Upper
84 100
49 103.6 72.3 134.3
86 61.7 45.1 83.7



#43
4-Methyl-2-pentanone
Concen: 1.306 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017136.D
Acq: 10 Nov 2020 13:37

Tgt Ion: 43 Resp: 4617
Ion Ratio Lower Upper
43 100
58 44.4 35.0 52.6
100 17.3 16.6 24.8

