

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017157.D
 Acq On : 11 Nov 2020 12:05
 Operator : SY/VA
 Sample : L4693-05
 Misc : 6.21G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D5

Quant Time: Nov 12 03:37:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	499819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	455071	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137527	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.90	69	117760	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.02	63	189140	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.09	46	43589	30.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.92%
24) Chloroform-d	7.65	84	268251	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	127873	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.28	84	535747	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.28	67	145315	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	514713	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	54144	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	34329	30.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101735	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	177412	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

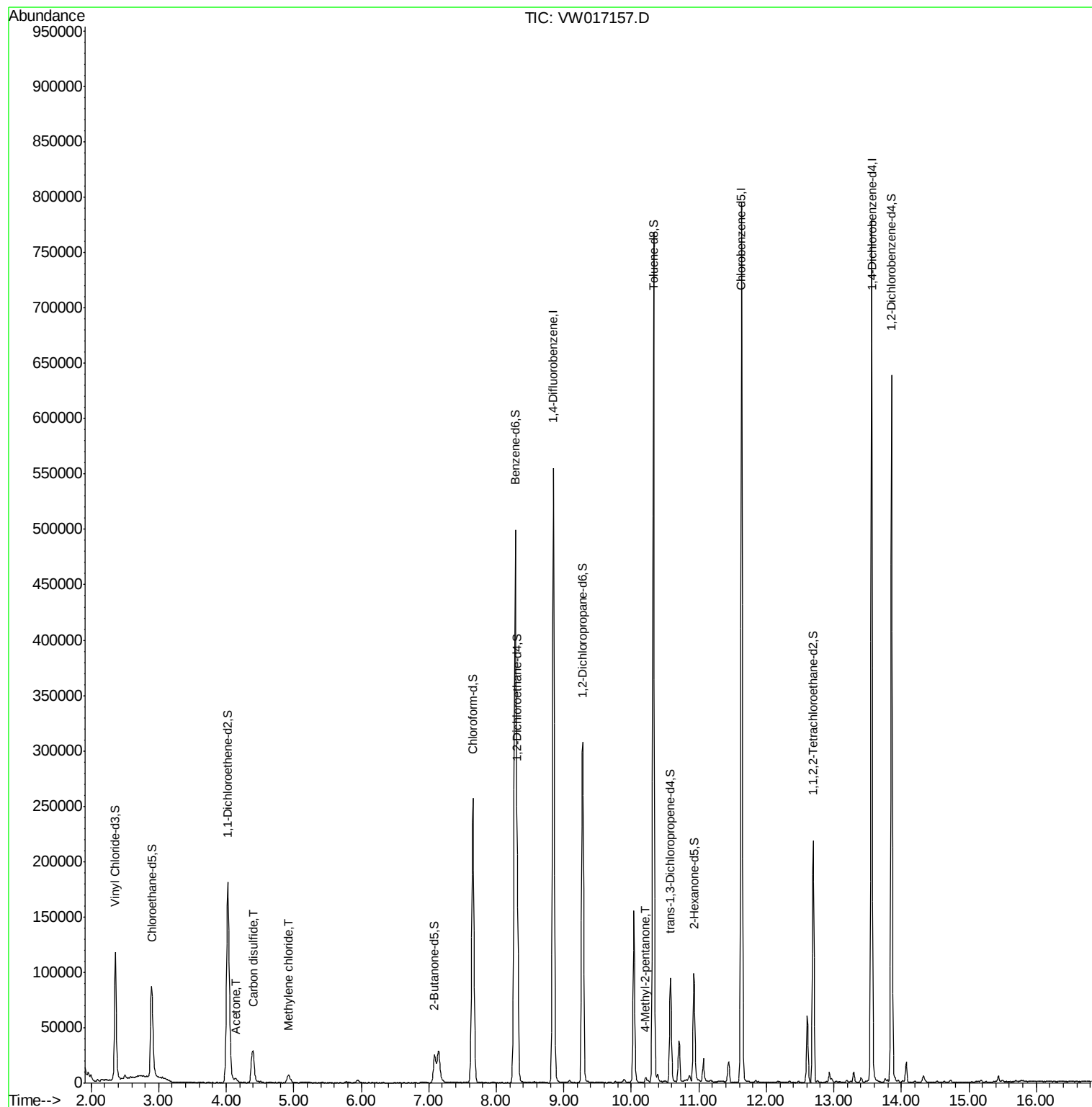
					Ovalue
13) Acetone	4.15	43	5698	6.045 ug/L	92
14) Carbon disulfide	4.40	76	70109	4.153 ug/L	95
16) Methylene chloride	4.92	84	6300	0.935 ug/L	88
43) 4-Methyl-2-pentanone	10.21	43	3576	1.038 ug/L #	80

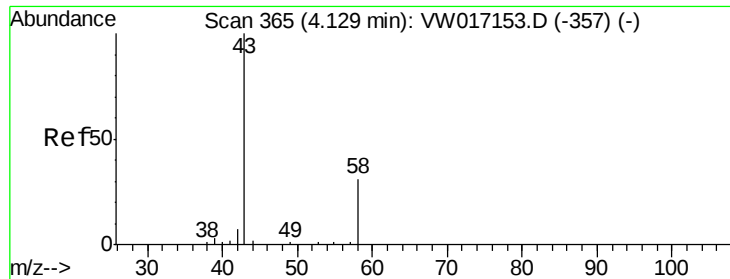
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.045 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Acq: 11 Nov 2020 12:05

Instrument :

MSVOA_W

ClientSampleId :

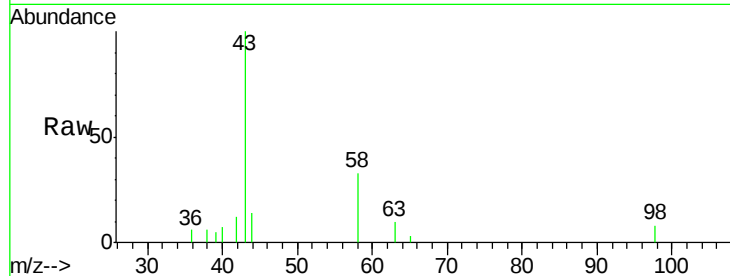
BG4D5

Tot Ion: 43 Resp: 5698

Ion Ratio Lower Upper

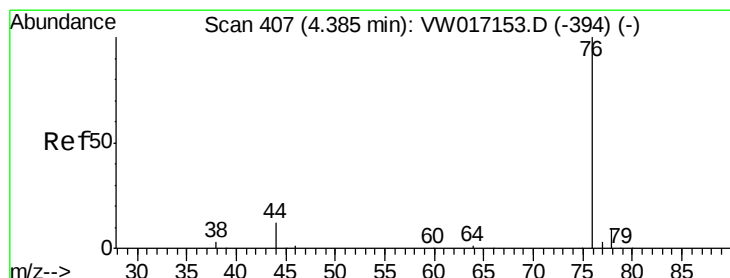
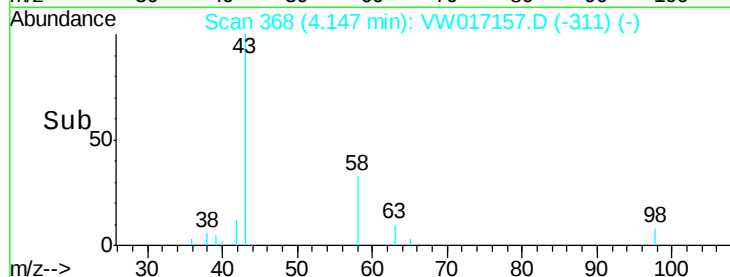
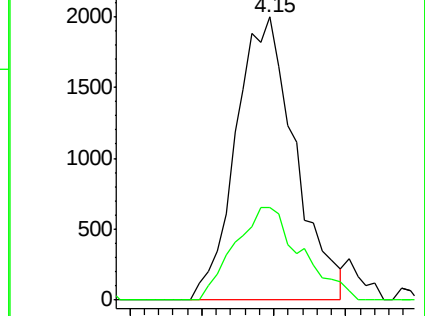
43 100

58 29.7 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: 4.153 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017157.D

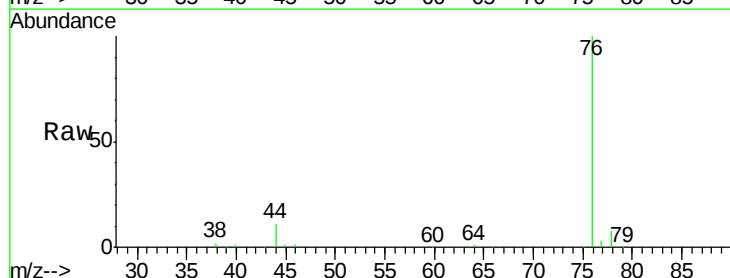
Acq: 11 Nov 2020 12:05

Tgt Ion: 76 Resp: 70109

Ion Ratio Lower Upper

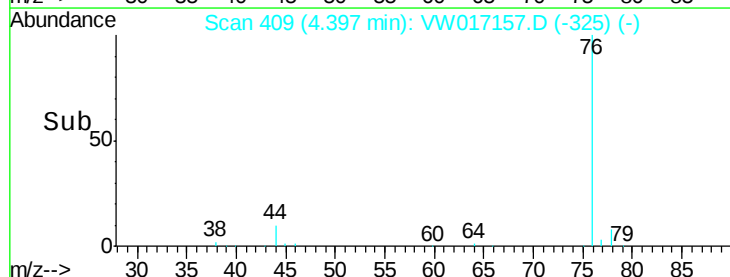
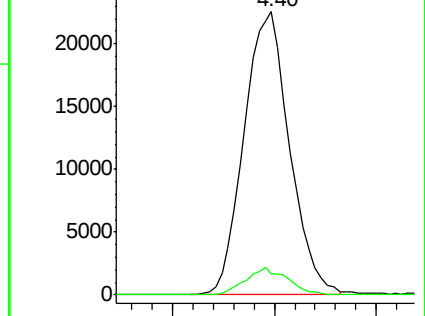
76 100

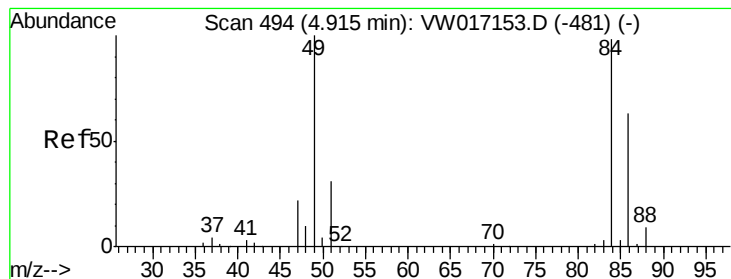
78 7.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 0.935 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

Instrument :

MSVOA_W

ClientSampled :

BG4D5

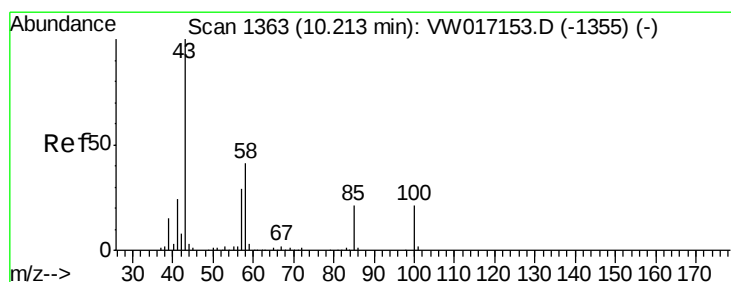
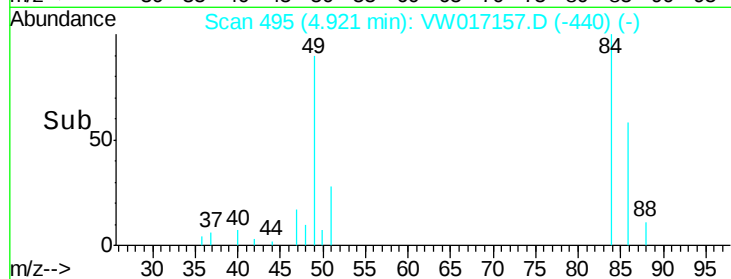
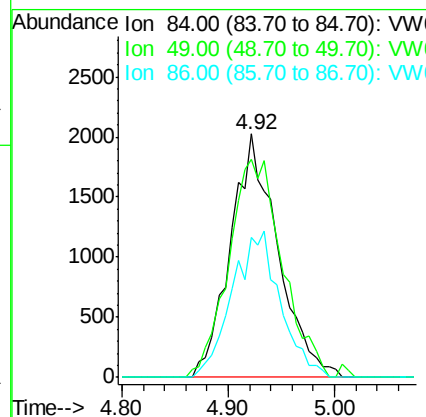
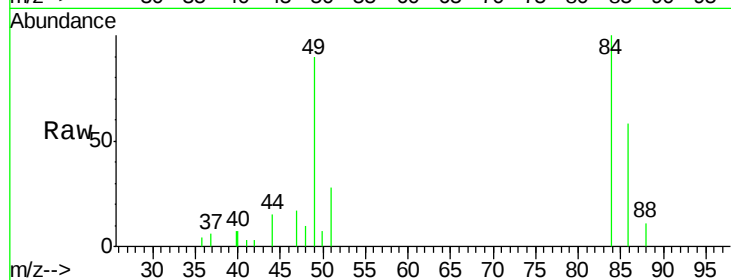
Tot Ion: 84 Resp: 6300

Ion Ratio Lower Upper

84 100

49 89.7 72.3 134.3

86 57.7 45.1 83.7



#43

4-Methyl-2-pentanone

Concen: 1.038 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

Tgt Ion: 43 Resp: 3576

Ion Ratio Lower Upper

43 100

58 26.4 35.0 52.6#

100 17.9 16.6 24.8

