

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016548.D
 Acq On : 11 Sep 2020 14:40
 Operator : SY/VA
 Sample : L3957-01
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP8

Quant Time: Sep 12 08:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	524793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	141943	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.90	69	138334	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.03	63	209975	13.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.20%
20) 2-Butanone-d5	7.08	46	74129	30.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.46%
24) Chloroform-d	7.65	84	335585	22.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	8.31	65	174740	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	8.27	84	595736	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.28	67	181353	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	528597	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.40%
38) trans-1,3-Dichloropropene-	10.58	79	78668	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	53351	33.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137066	20.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	150225	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

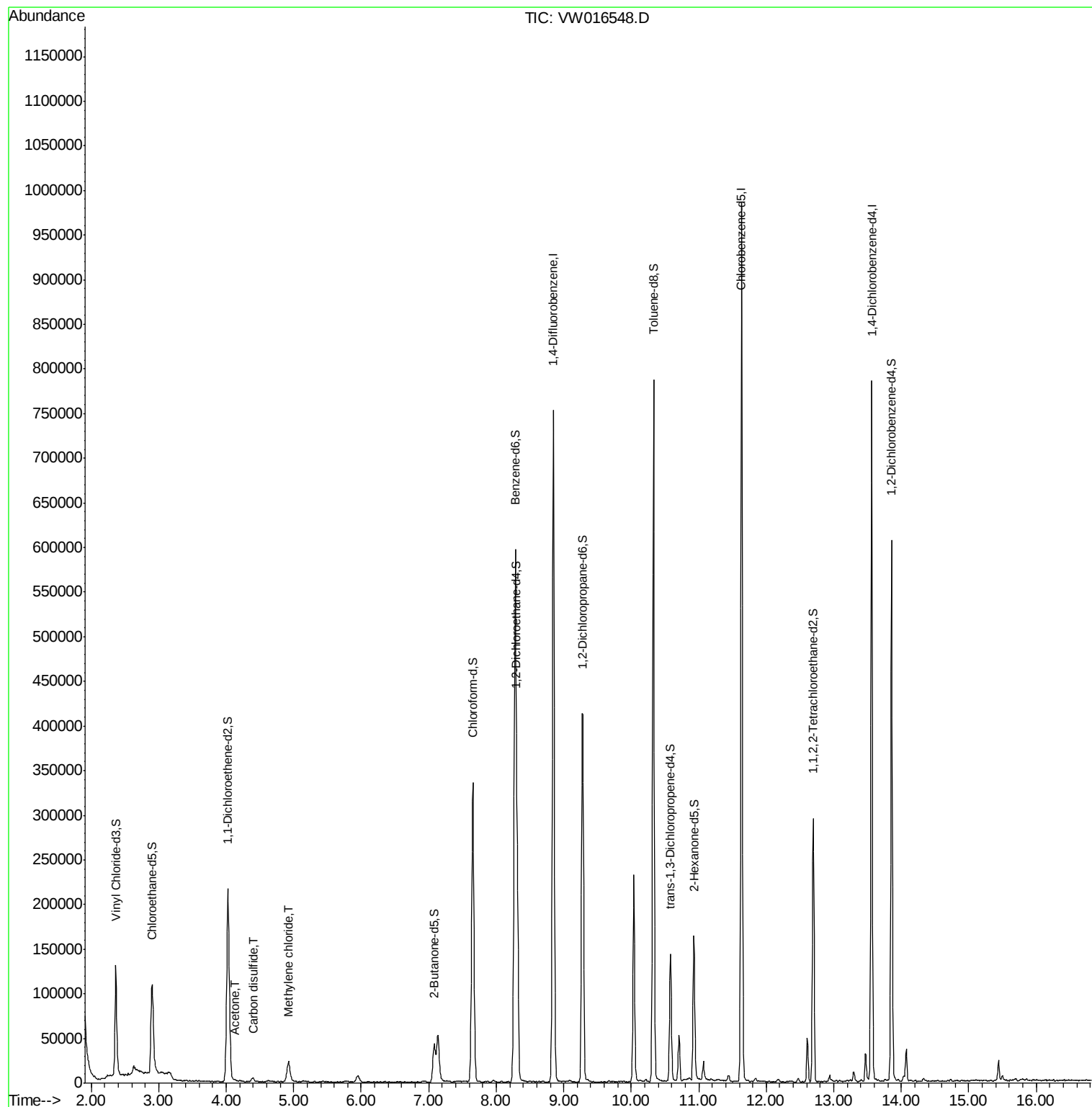
Target Compounds					Ovalue
13) Acetone	4.12	43	2461	1.564 ug/L	71
14) Carbon disulfide	4.40	76	5505	0.226 ug/L #	82
16) Methylene chloride	4.92	84	17652	1.748 ug/L	88

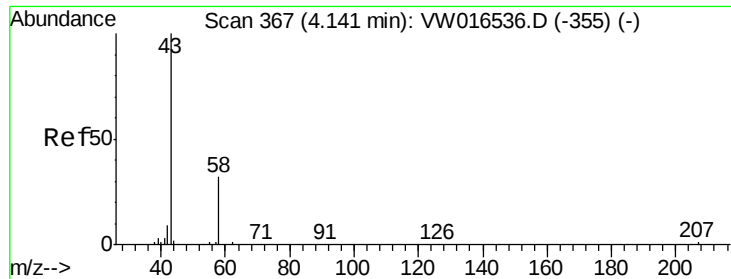
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.564 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016548.D

Acq: 11 Sep 2020 14:40

Instrument :

MSVOA_W

ClientSampled :

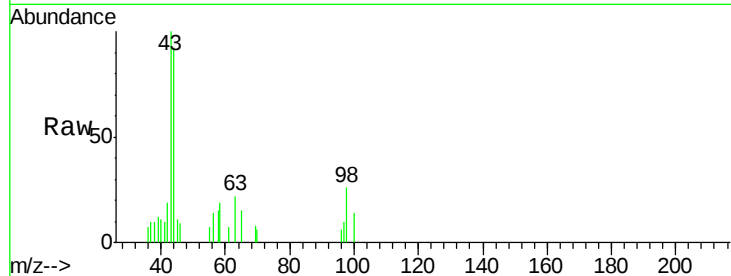
BFWP8

Tot Ion: 43 Resp: 2461

Ion Ratio Lower Upper

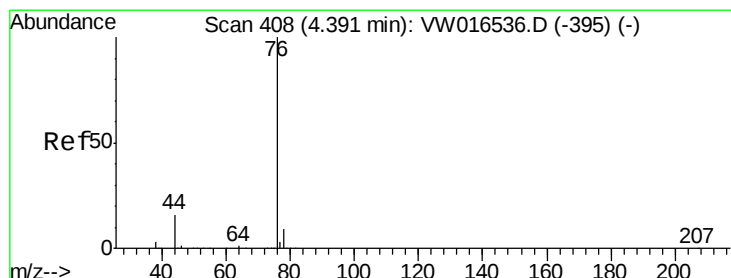
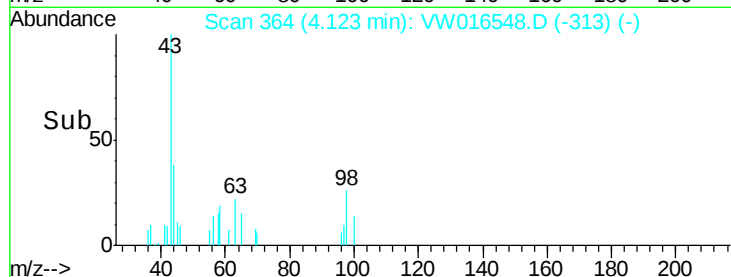
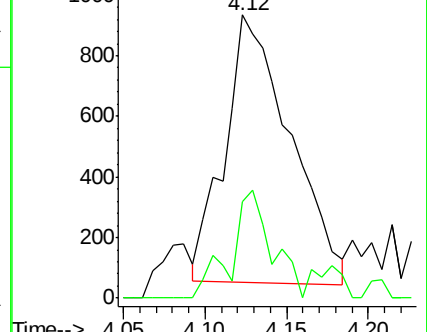
43 100

58 15.4 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.226 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

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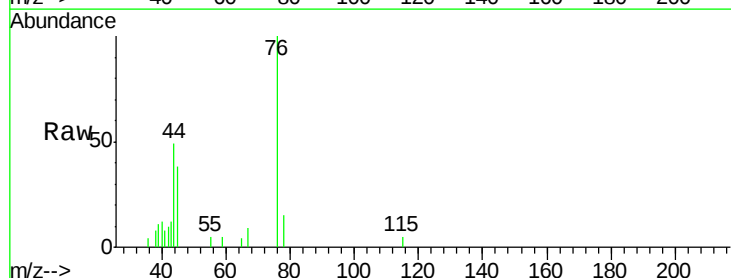
Acq: 11 Sep 2020 14:40

Tgt Ion: 76 Resp: 5505

Ion Ratio Lower Upper

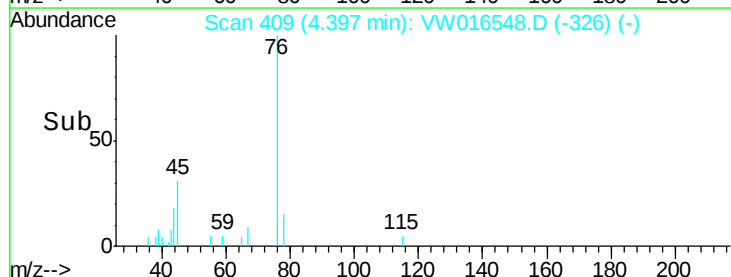
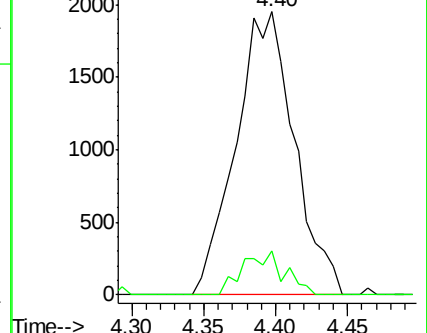
76 100

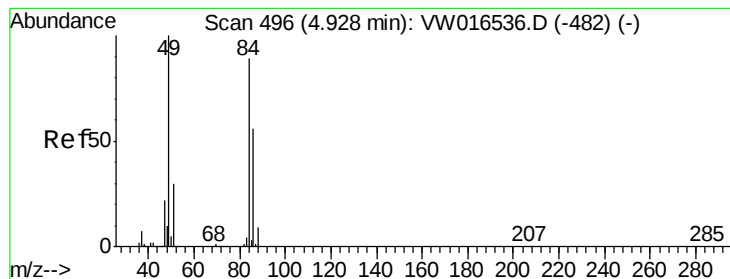
78 15.5 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16
 Methvlene chloride
 Concen: 1.748 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
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Tot Ion: 84 Resp: 17652
 Ion Ratio Lower Upper
 84 100
 49 109.4 86.7 160.9
 86 56.2 44.9 83.5

