

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015606.D
 Acq On : 16 Jun 2020 14:44
 Operator : SY/VA
 Sample : L3027-02
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K6

Quant Time: Jun 17 06:54:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	340763	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104194	33.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.48%
7) Chloroethane-d5	2.90	69	84530	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.02	63	154933	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	7.09	46	45203	44.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.68%
24) Chloroform-d	7.65	84	195043	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	107658	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.28	84	391176	26.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.24%
33) 1,2-Dichloropropane-d6	9.28	67	111665	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	361203	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.58	79	46741	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	34216	44.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75547	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	110777	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

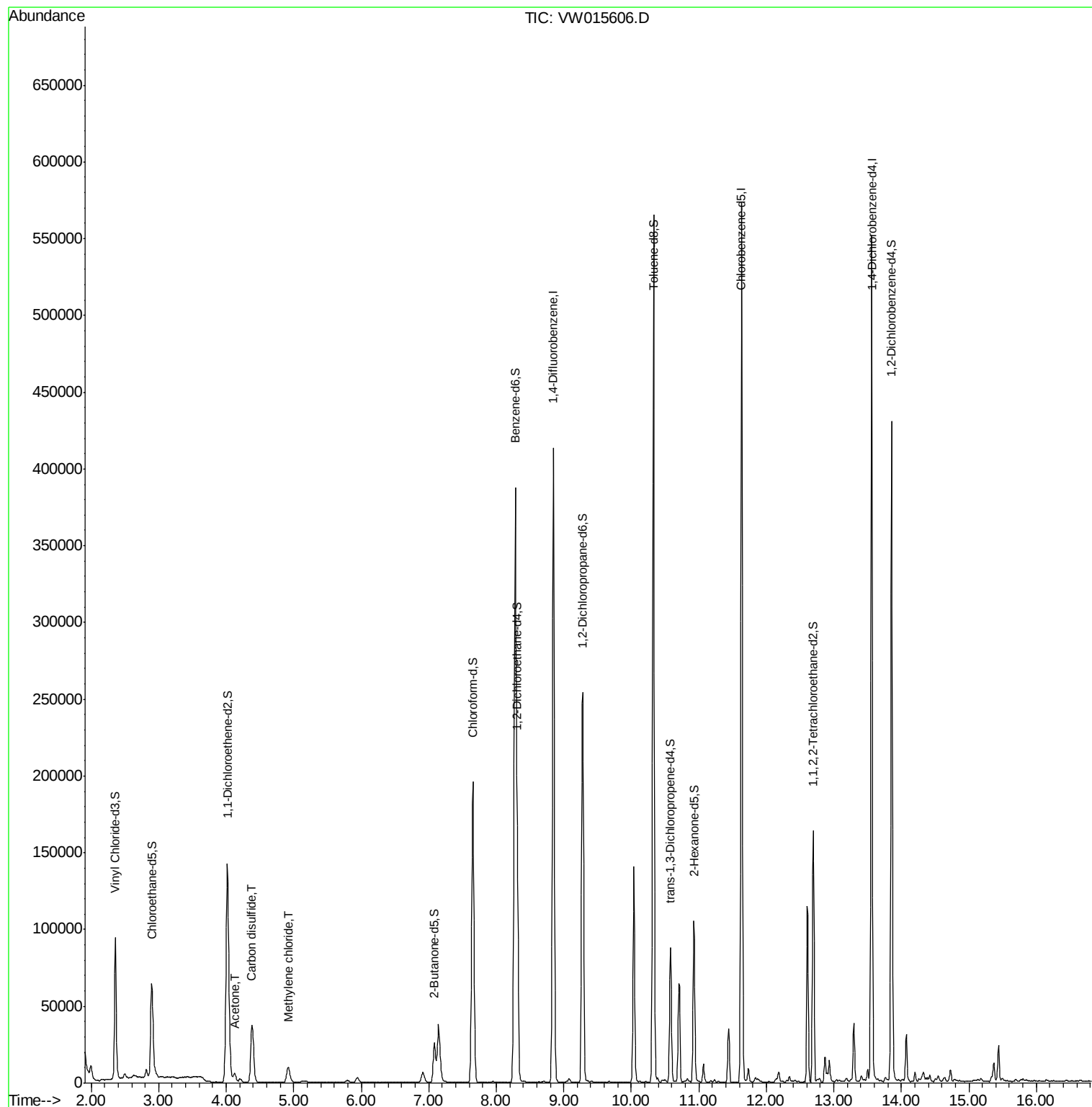
Target Compounds					Ovalue
13) Acetone	4.13	43	9452	11.992 ug/L	99
14) Carbon disulfide	4.38	76	75946	5.603 ug/L	99
16) Methylene chloride	4.92	84	8010	1.915 ug/L	93

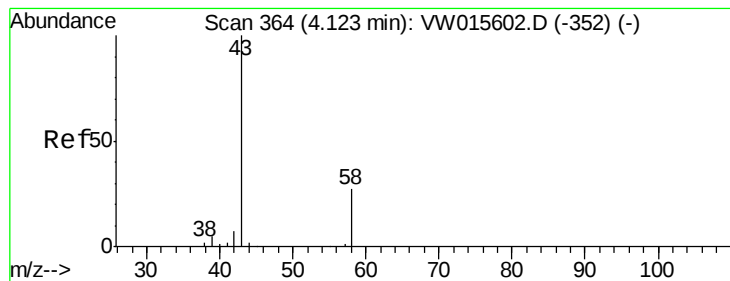
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.992 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015606.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_W

ClientSampleId :

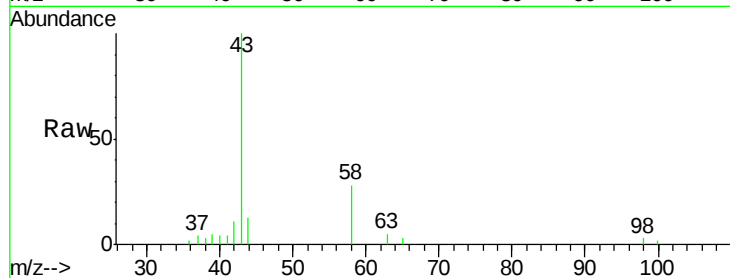
BG2K6

Tot Ion: 43 Resp: 9452

Ion Ratio Lower Upper

43 100

58 28.9 0.0 56.8



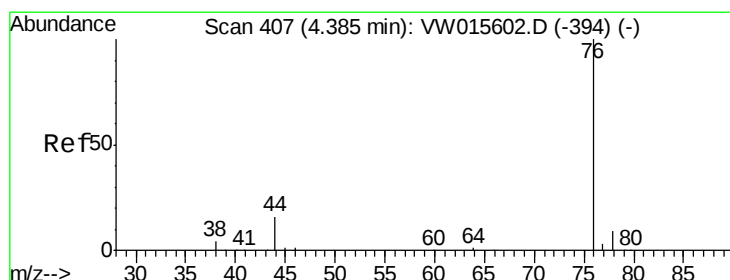
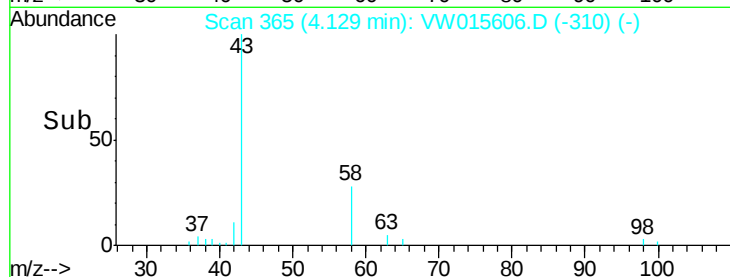
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4.05 4.10 4.15 4.20 4.25

Time-->



#14

Carbon disulfide

Concen: 5.603 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015606.D

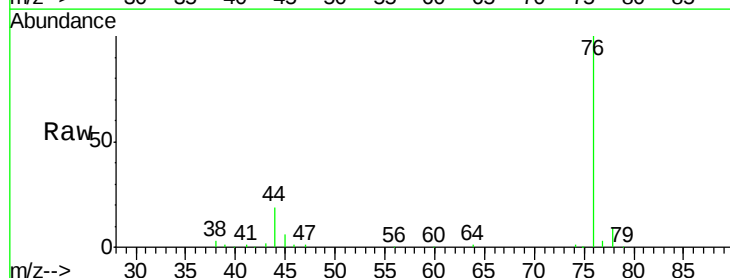
Acq: 16 Jun 2020 14:44

Tgt Ion: 76 Resp: 75946

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



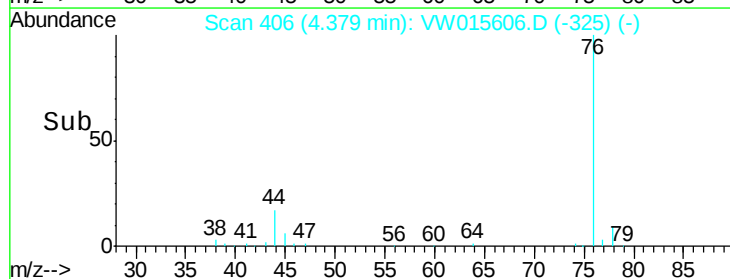
Abundance Ion 76.00 (75.70 to 76.70): VW

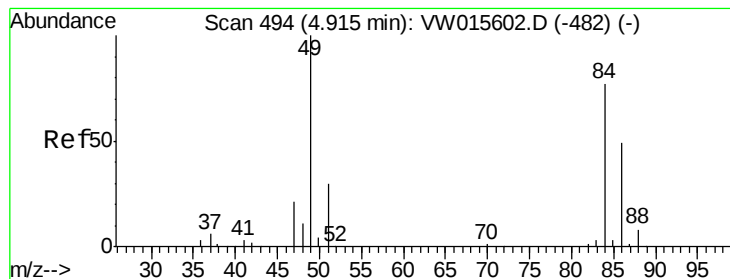
Ion 78.00 (77.70 to 78.70): VW

4.38

4.30 4.40 4.50

Time-->





#16
 Methvlene chloride
 Concen: 1.915 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW015606.D
 Acq: 16 Jun 2020 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K6

Tot Ion: 84 Resp: 8010
 Ion Ratio Lower Upper
 84 100
 49 121.1 93.0 172.8
 86 62.2 44.7 83.1

