

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016817.D
 Acq On : 07 Oct 2020 01:03
 Operator : SY/VA
 Sample : L4254-12
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T5

Quant Time: Oct 07 05:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128600	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	107404	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.03	63	171004	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.08	46	55030	46.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.80%
24) Chloroform-d	7.65	84	262346	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	133779	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	538748	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	145889	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	10.32	98	486770	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.04%
38) trans-1,3-Dichloropropene-	10.58	79	50765	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	44908	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105990	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	139793	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

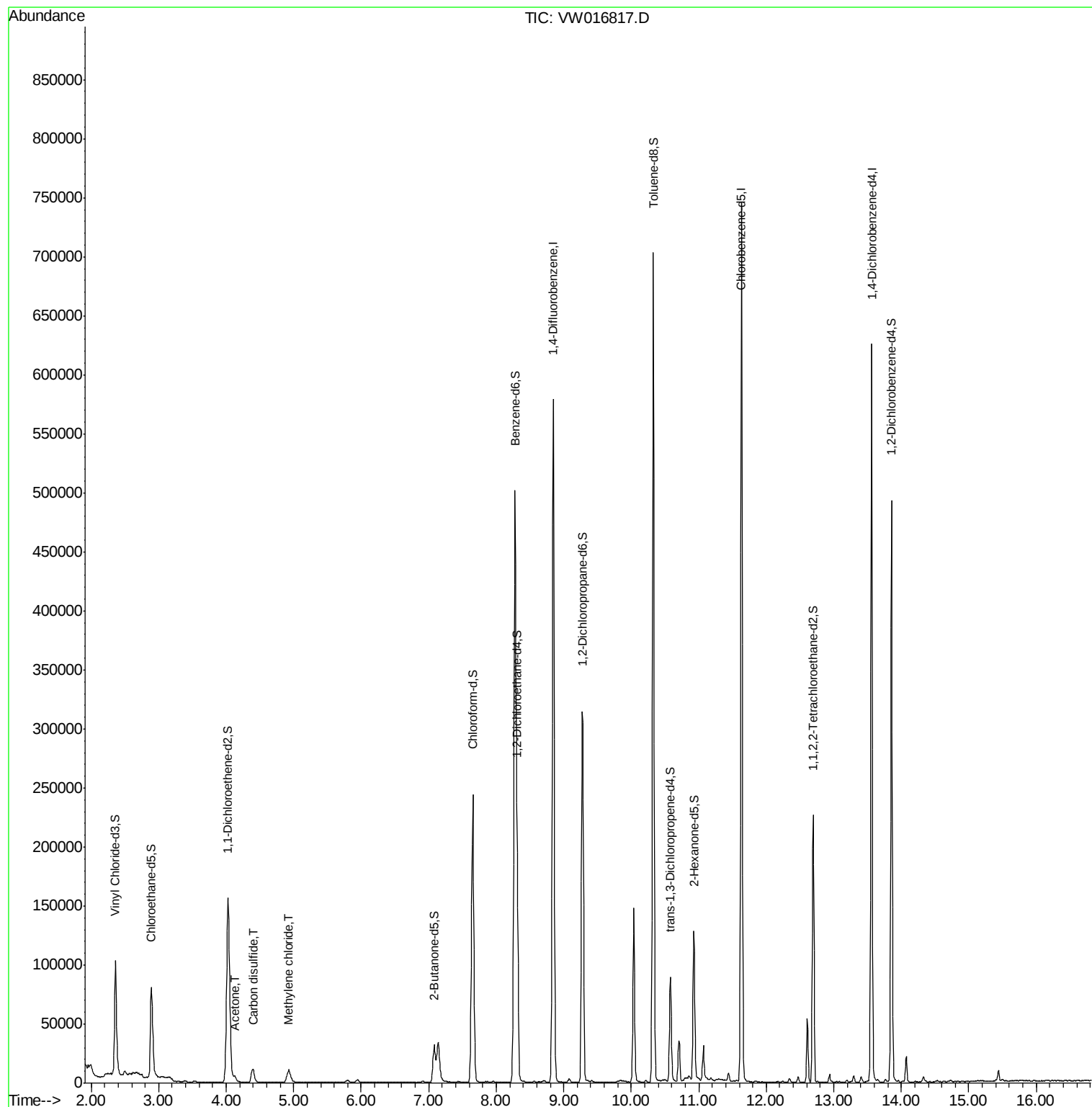
Target Compounds					Ovalue
13) Acetone	4.13	43	8342	9.295 ug/L	72
14) Carbon disulfide	4.40	76	27271	1.386 ug/L	97
16) Methylene chloride	4.93	84	11061	1.510 ug/L	95

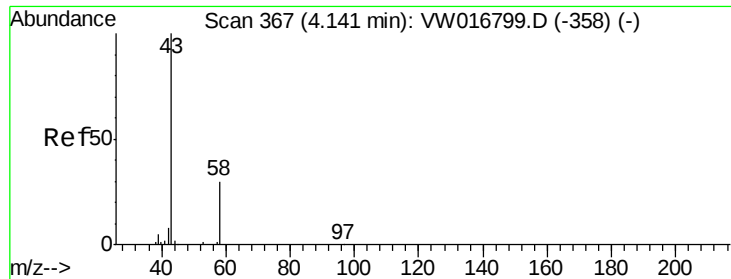
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.295 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

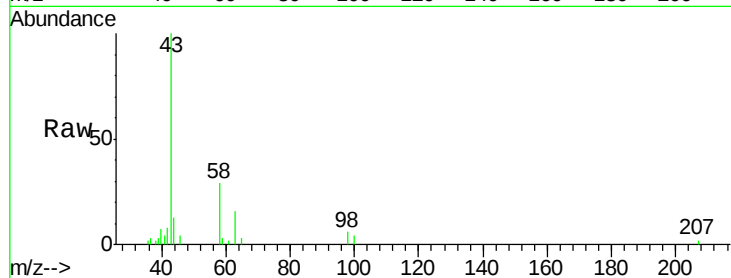
BG3T5

Tot Ion: 43 Resp: 8342

Ion Ratio Lower Upper

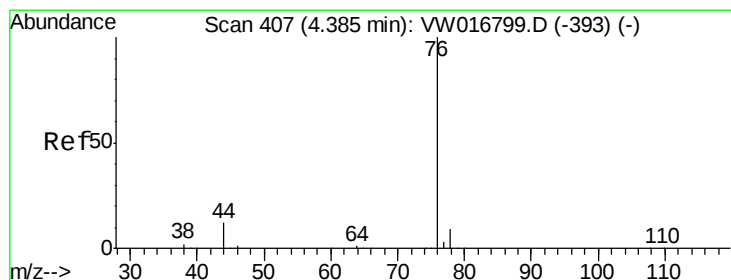
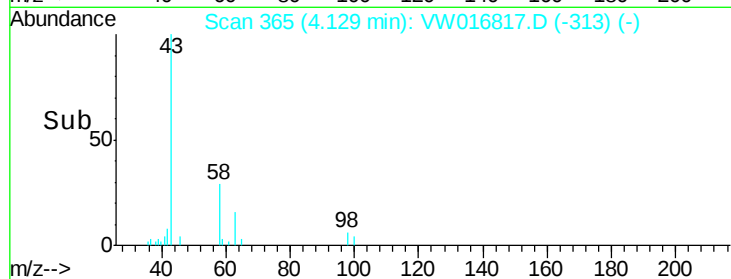
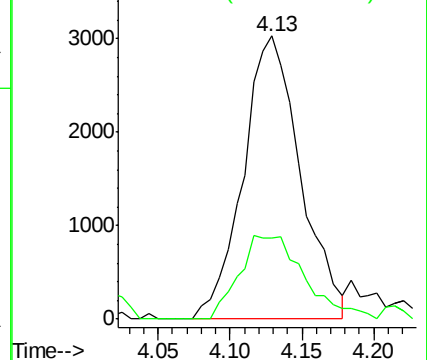
43 100

58 18.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.386 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

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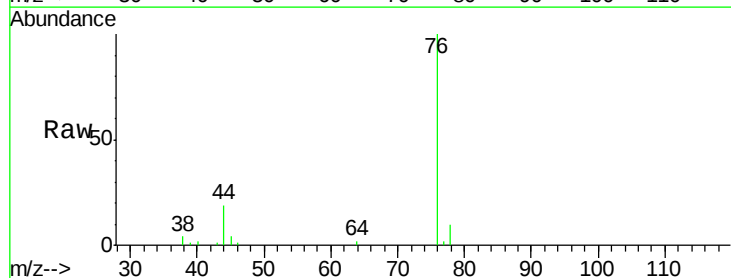
Acq: 07 Oct 2020 01:03

Tgt Ion: 76 Resp: 27271

Ion Ratio Lower Upper

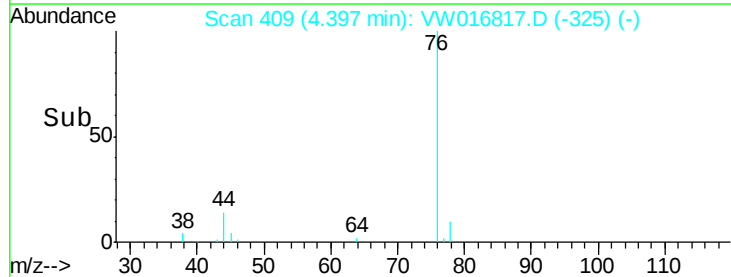
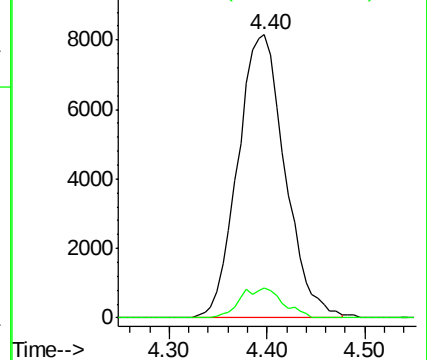
76 100

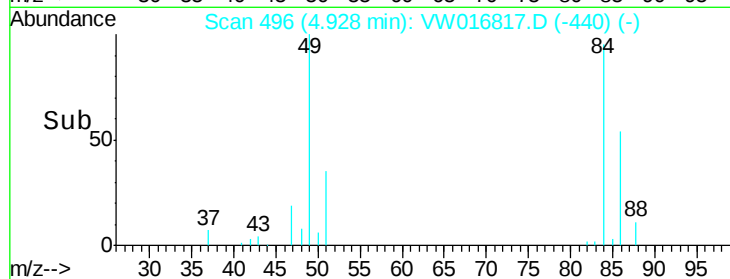
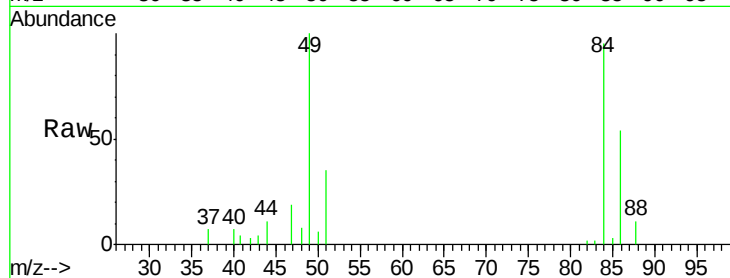
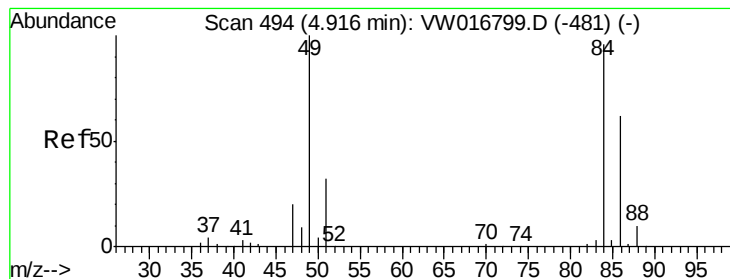
78 10.4 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16
Methvlene chloride
Concen: 1.510 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
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Tot Ion	Ratio	Lower	Upper
84	100		
49	105.4	73.1	135.8
86	56.6	46.0	85.4

