

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016956.D
 Acq On : 21 Oct 2020 14:47
 Operator : SY/VA
 Sample : L4471-08
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z2

Manual Integrations
 APPROVED

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 10/26/2020 1:36:00 PM

Quant Time: Oct 22 12:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	529163	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96652	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
7) Chloroethane-d5	2.89	69	90217	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.03	63	158316	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	7.09	46	50833	42.99	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
24) Chloroform-d	7.65	84	262552	23.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	8.31	65	125113	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.28	84	511705	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.28	67	147979	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.24%
37) Toluene-d8	10.33	98	463856	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	53499	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.93	63	42548	49.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111767	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	169272	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds					Ovalue
13) Acetone	4.15	43	3385m	3.783 ug/L	
14) Carbon disulfide	4.39	76	3962	0.202 ug/L	96
16) Methylene chloride	4.92	84	5276	0.722 ug/L	93

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

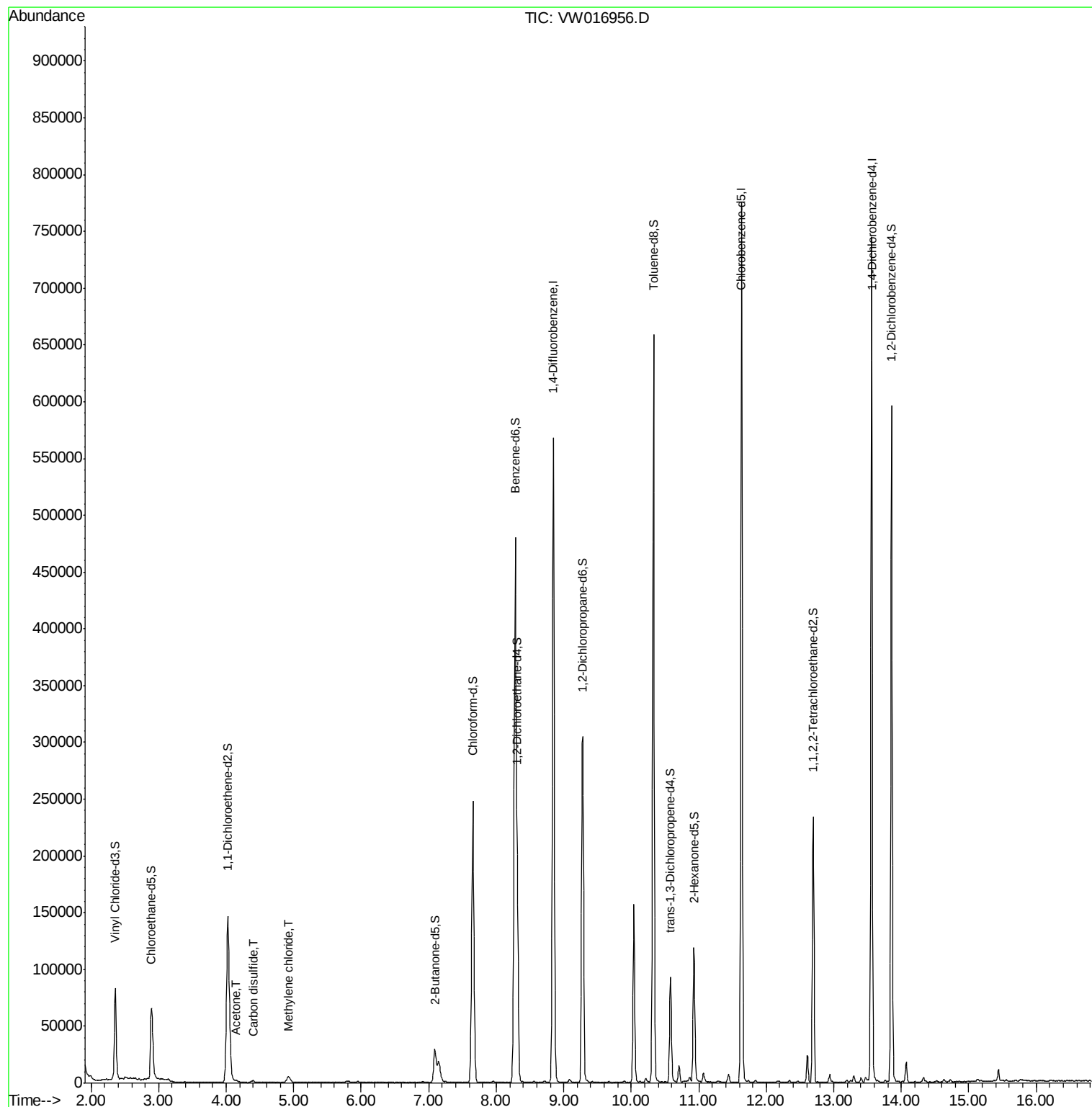
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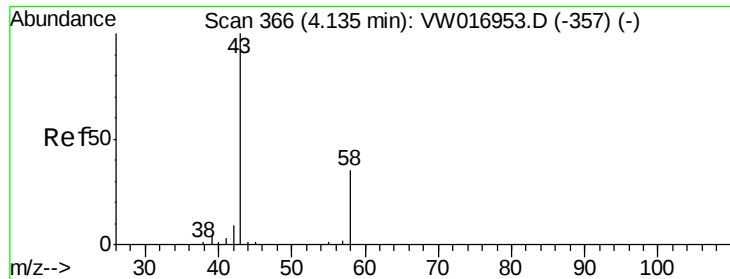
Instrument :
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#13

Acetone

Concen: 3.783 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016956.D

Acq: 21 Oct 2020 14:47

Instrument :

MSVOA_W

ClientSampleId :

BG3Z2

Tot Ion: 43 Resp: 3385

Ion Ratio Lower Upper

43 100

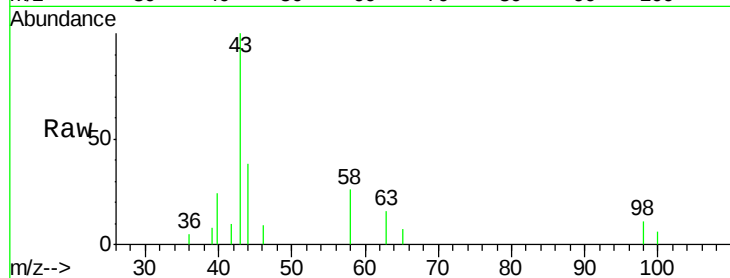
58 22.2 0.0 67.6

Manual Integrations

APPROVED

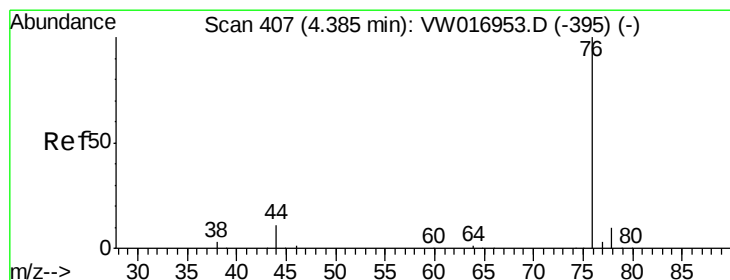
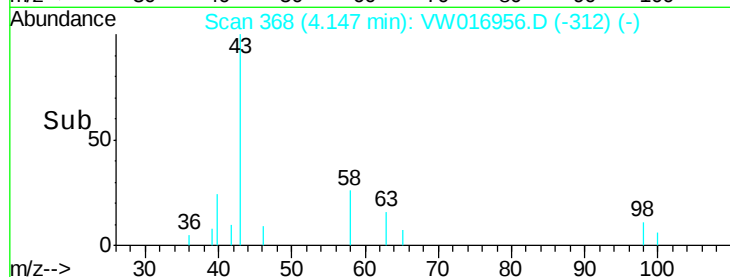
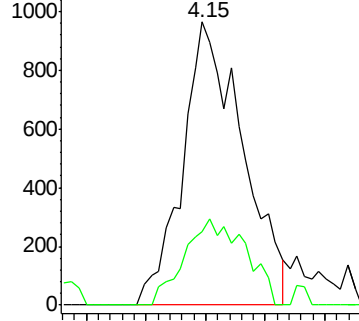
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016956.D

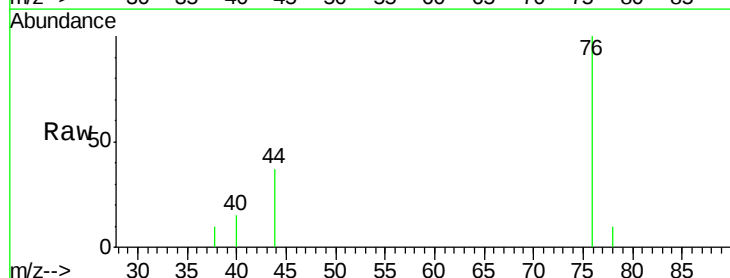
Acq: 21 Oct 2020 14:47

Tgt Ion: 76 Resp: 3962

Ion Ratio Lower Upper

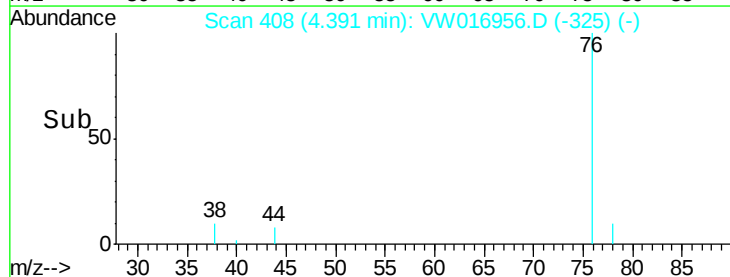
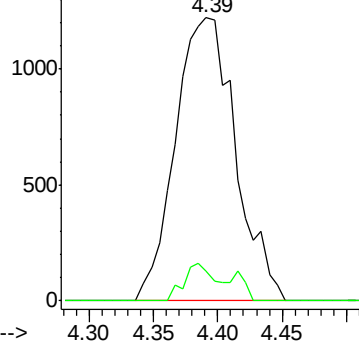
76 100

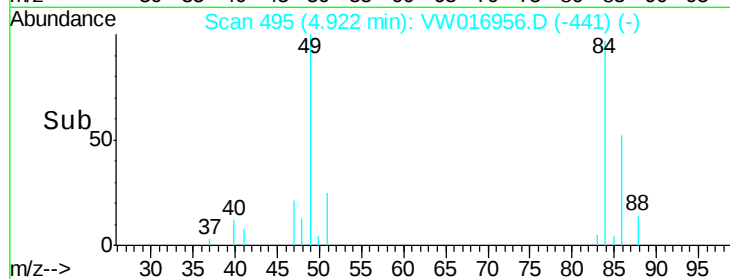
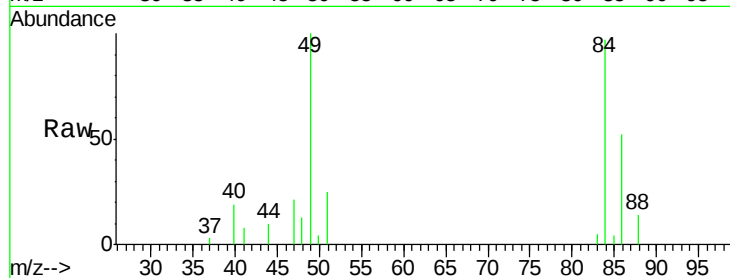
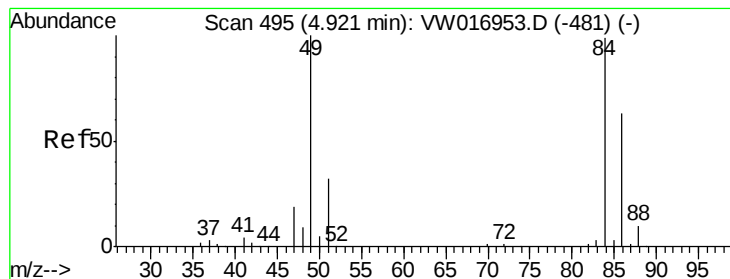
78 10.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 0.722 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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Tot Ion:	84	Resp:	5276
Ion Ratio	Lower	Upper	
84	100		
49	102.9	73.1	135.8
86	53.7	46.0	85.4

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ClientSampled :
BG3Z2

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