

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009442.D
 Acq On : 25 Mar 2019 22:07
 Operator : SY/VA
 Sample : K2044-08
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T8

Manual Integrations
 APPROVED

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Quant Time: Apr 08 10:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89515	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.32%
7) Chloroethane-d5	2.89	69	102186	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	149222	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.07	46	97773	51.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.44%
24) Chloroform-d	7.65	84	244491	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.30	65	156570m	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	420366	21.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.64%
33) 1,2-Dichloropropane-d6	9.27	67	141107	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	358140	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.00%
38) trans-1,3-Dichloropropene-	10.58	79	58555	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	68923	47.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142877	24.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	130227	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	9462	6.103 ug/L	99
14) Carbon disulfide	4.38	76	17341	1.368 ug/L	99
16) Methylene chloride	4.91	84	9648	1.730 ug/L	89

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

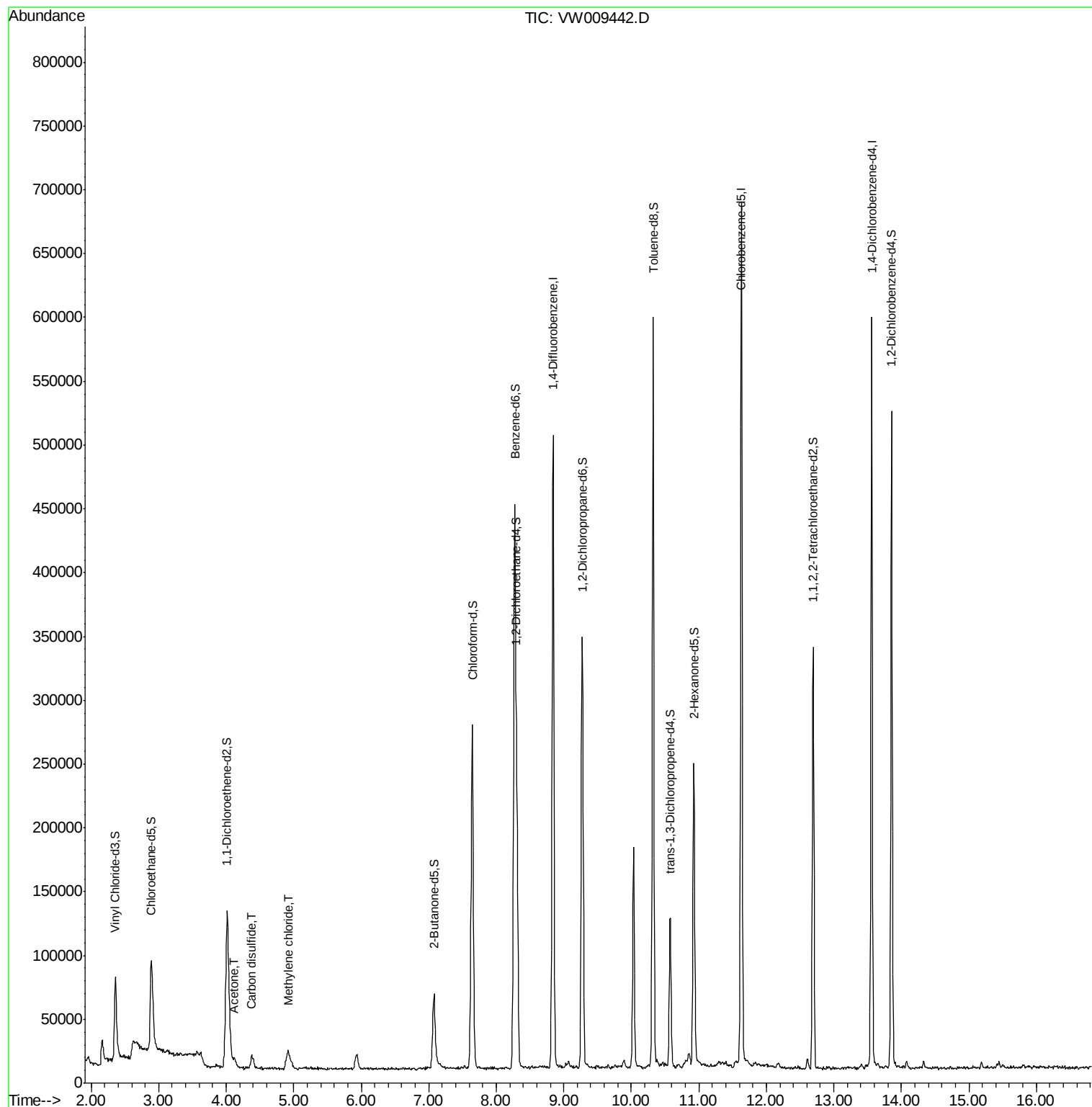
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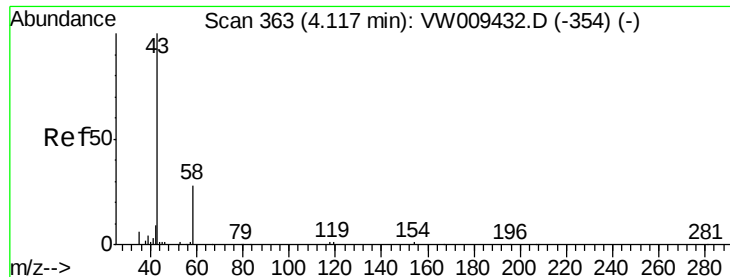
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#13

Acetone

Concen: 6.103 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009442.D

Acq: 25 Mar 2019 22:07

Instrument :

MSVOA_W

ClientSampleId :

BF5T8

Tot Ion: 43 Resp: 9462

Ion Ratio Lower Upper

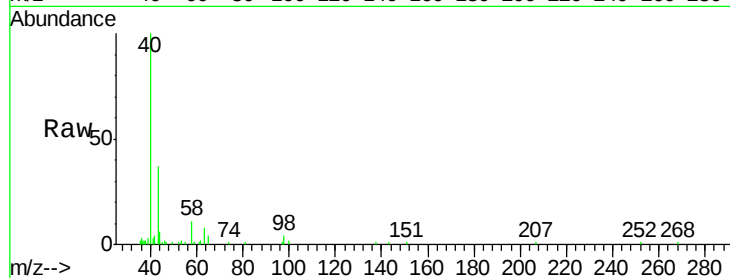
43 100

58 28.7 0.0 56.2

Manual Integrations
APPROVED

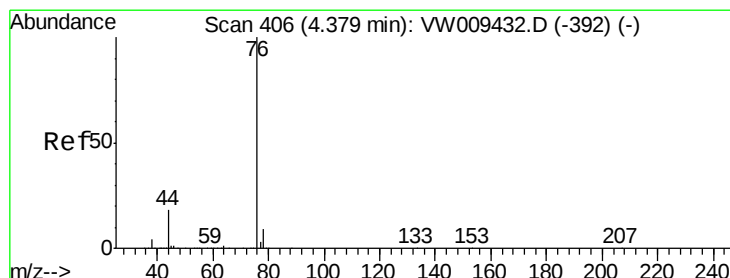
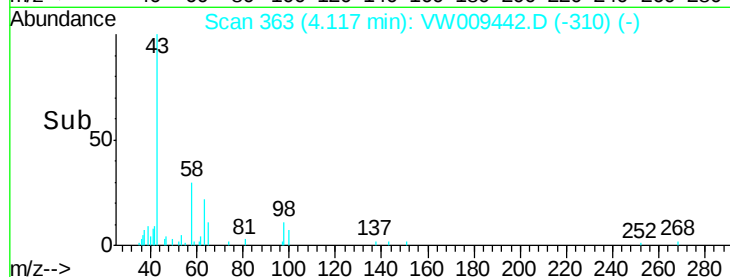
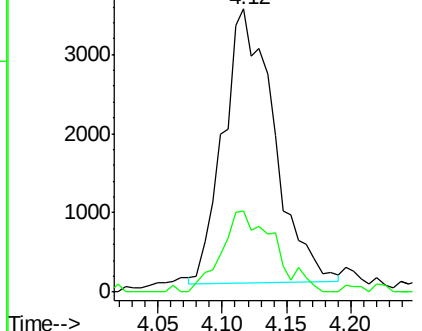
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.368 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009442.D

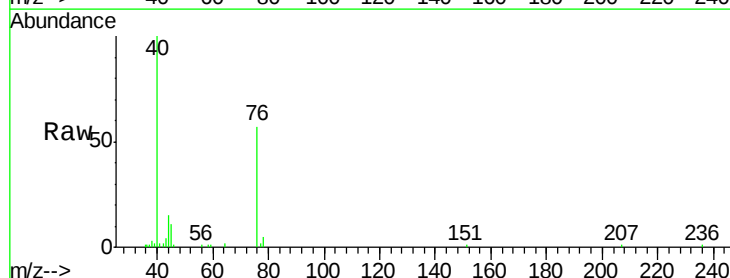
Acq: 25 Mar 2019 22:07

Tgt Ion: 76 Resp: 17341

Ion Ratio Lower Upper

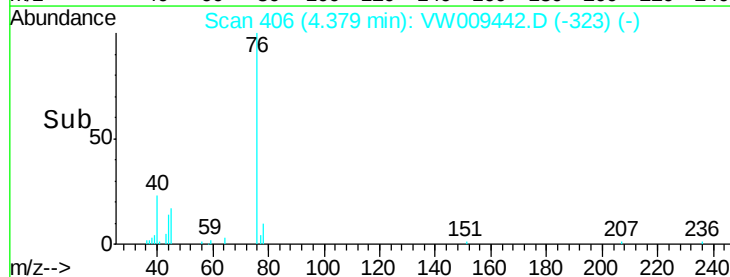
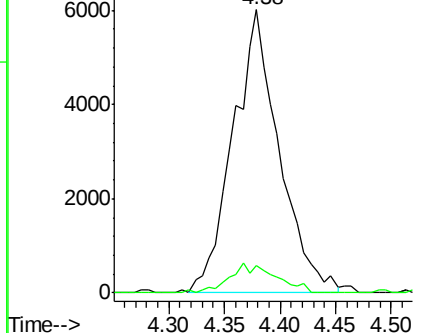
76 100

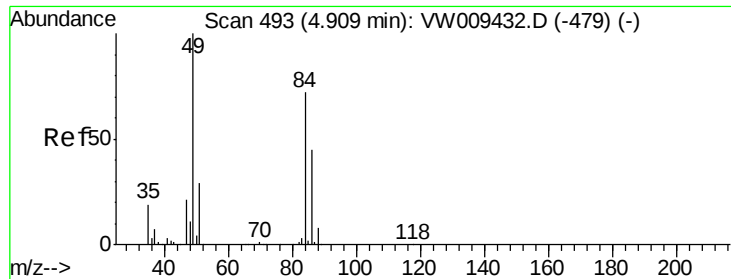
78 9.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16
 Methvlene chloride
 Concen: 1.730 ug/L
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
84	100		
49	119.9	96.0	178.2
86	66.5	44.4	82.5

Manual Integrations
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