

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009368.D
 Acq On : 23 Mar 2019 02:33
 Operator : SY/VA
 Sample : K2031-08
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5R8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:43 AM

Quant Time: Mar 23 06:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44820	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80615	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
7) Chloroethane-d5	2.89	69	88901	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	4.01	63	128348	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.07	46	77245	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
24) Chloroform-d	7.64	84	208549	23.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	8.30	65	131929m	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	368403	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	121210	32.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.36%#
37) Toluene-d8	10.32	98	269737	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	41119	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	51772	57.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75025	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	35883	20.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.52%

Target Compounds					Ovalue
13) Acetone	4.12	43	36958	28.509 ug/L	100
14) Carbon disulfide	4.38	76	18382m	1.734 ug/L	
16) Methylene chloride	4.92	84	31666	6.789 ug/L	97

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

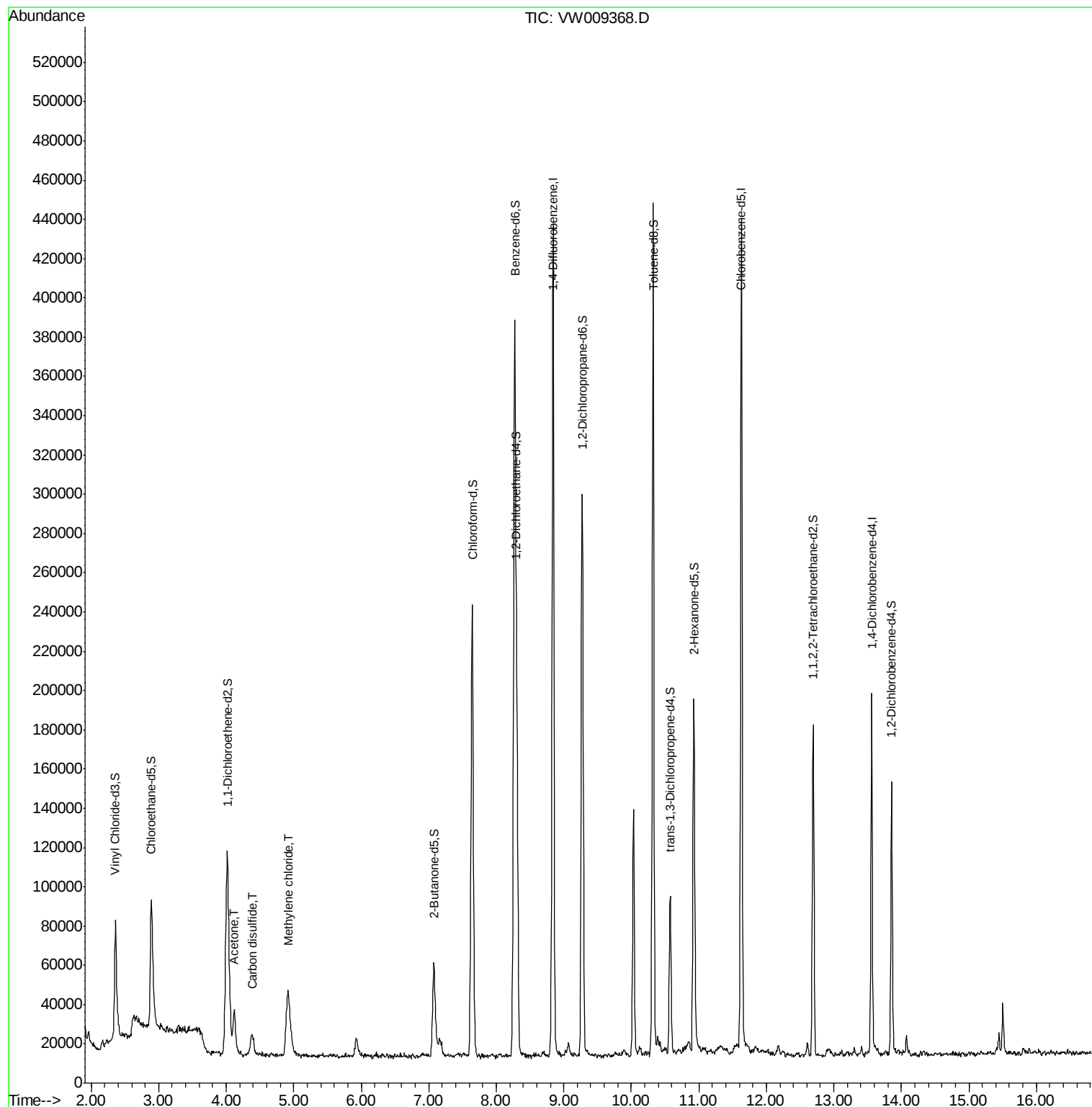
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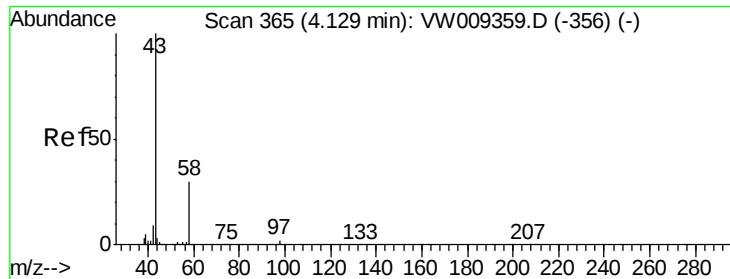
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#13

Acetone

Concen: 28.509 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009368.D

Acq: 23 Mar 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

BF5R8

Tot Ion: 43 Resp: 36958

Ion Ratio Lower Upper

43 100

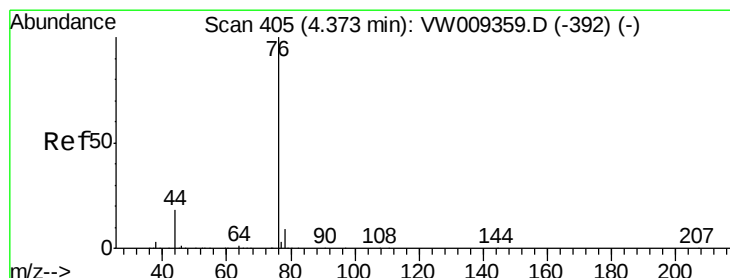
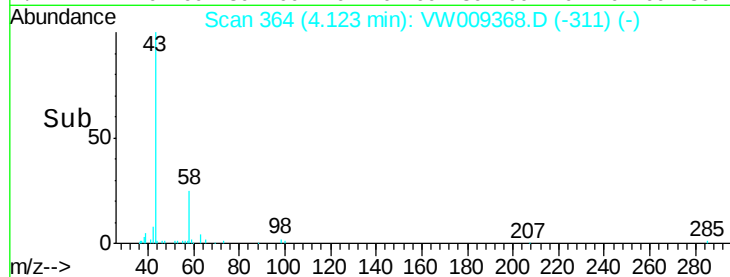
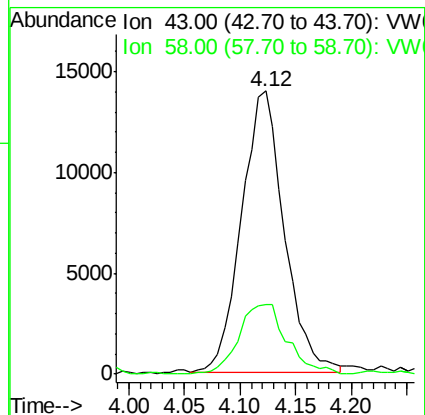
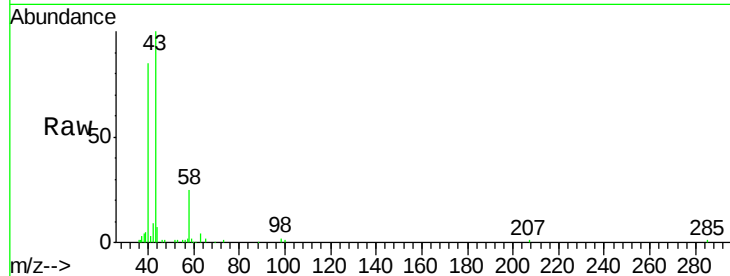
58 28.3 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 1.734 ug/L m

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW009368.D

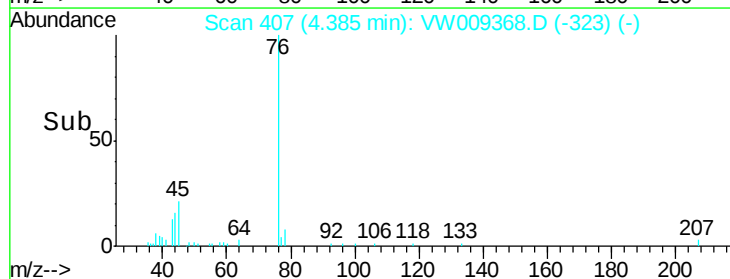
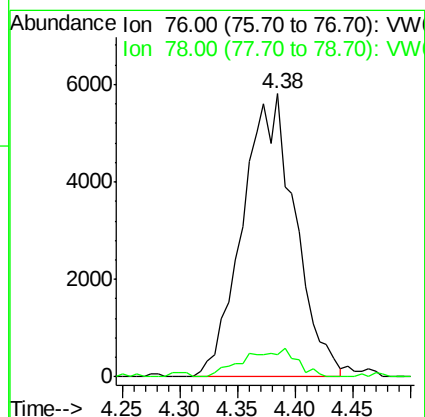
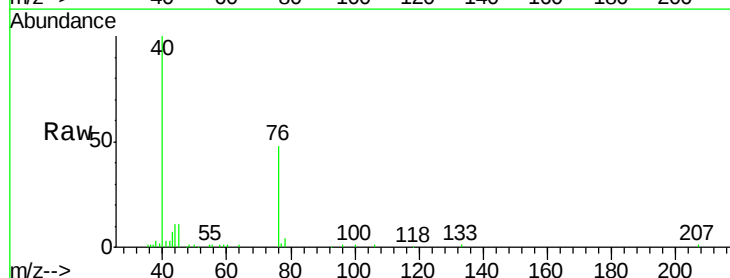
Acq: 23 Mar 2019 02:33

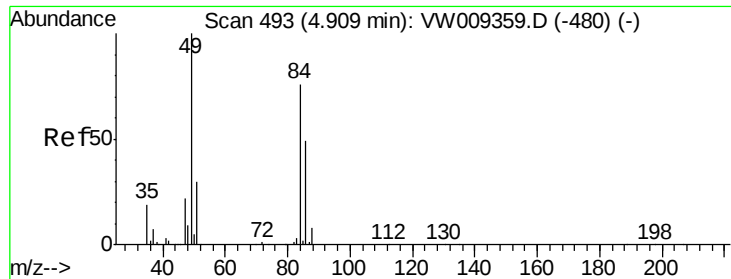
Tgt Ion: 76 Resp: 18382

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9





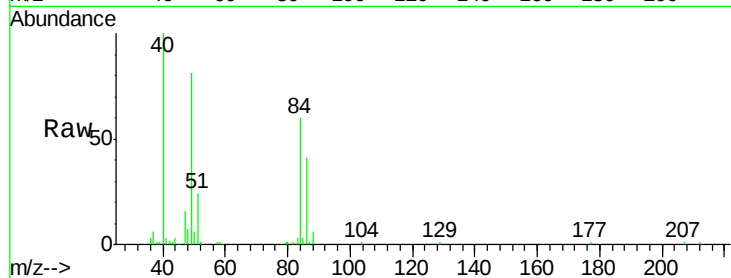
#16
 Methvlene chloride
 Concen: 6.789 ug/L
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW009368.D
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Tot Ion	Ratio	Lower	Upper
84	100		
49	135.4	96.0	178.2
86	68.1	44.4	82.5

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Abundance Ion 84.00 (83.70 to 84.70): VW
 Ion 49.00 (48.70 to 49.70): VW
 Ion 86.00 (85.70 to 86.70): VW

