

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009518.D
 Acq On : 28 Mar 2019 00:05
 Operator : SY/VA
 Sample : K2068-12
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K8

Quant Time: Mar 28 08:16:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303008	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83183	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61907	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.40%
7) Chloroethane-d5	2.89	69	78923m	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
10) 1,1-Dichloroethene-d2	4.01	63	104416	13.34	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.36%
20) 2-Butanone-d5	7.07	46	82321	54.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.94%
24) Chloroform-d	7.65	84	184711	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	115093	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.40%
29) Benzene-d6	8.27	84	304225	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.27	67	102846	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	238915	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.48%
38) trans-1,3-Dichloropropene-	10.57	79	31142	14.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.72%
39) 2-Hexanone-d5	10.93	63	47974	46.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104348	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	69954	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds

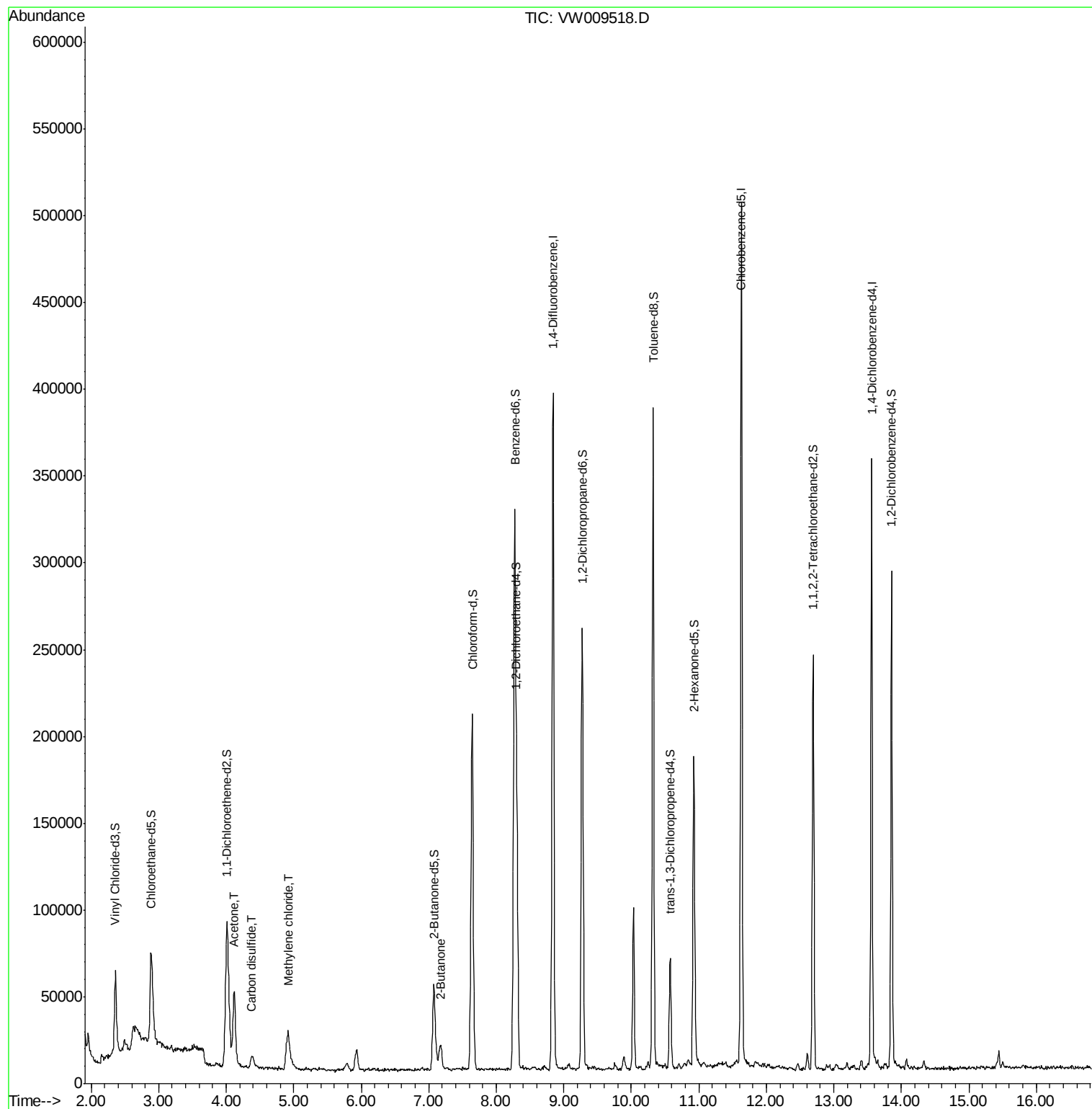
					Ovalue
13) Acetone	4.12	43	74687	60.819 ug/L	98
14) Carbon disulfide	4.38	76	8852m	0.881 ug/L	
16) Methylene chloride	4.91	84	18718	4.236 ug/L	97
21) 2-Butanone	7.18	43	23610	13.924 ug/L	96

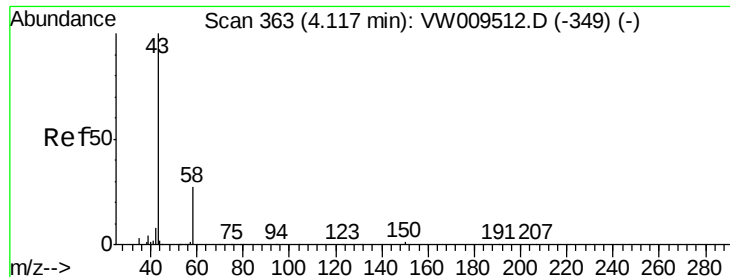
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 60.819 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

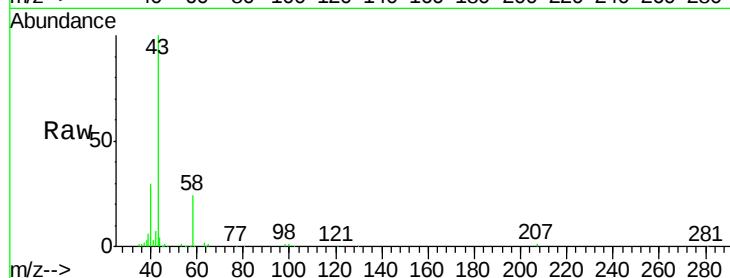
BF5K8

Tot Ion: 43 Resp: 74687

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

30000

25000

20000

15000

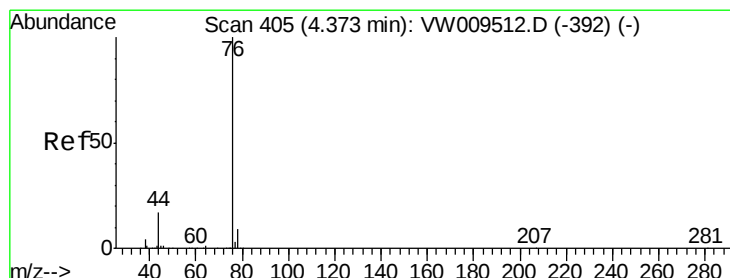
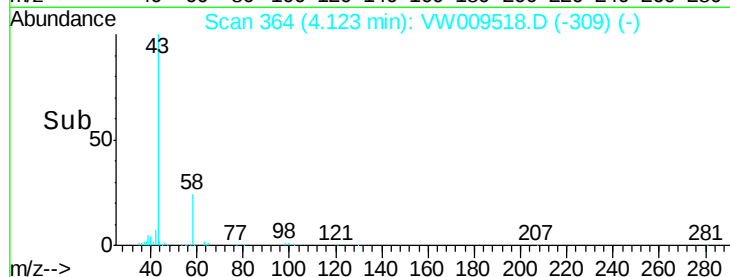
10000

5000

0

4.00 4.05 4.10 4.15 4.20

Time-->



#14

Carbon disulfide

Concen: 0.881 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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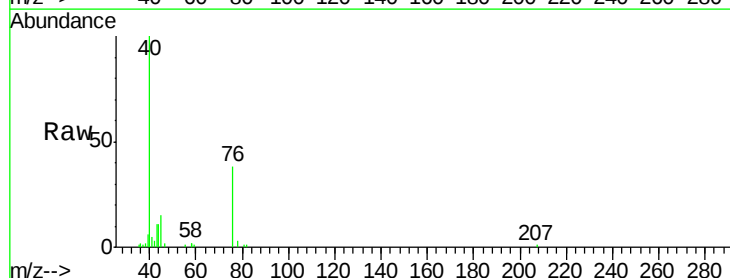
Acq: 28 Mar 2019 00:05

Tgt Ion: 76 Resp: 8852

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

3000

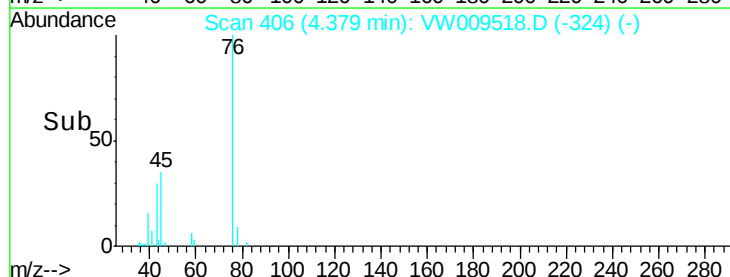
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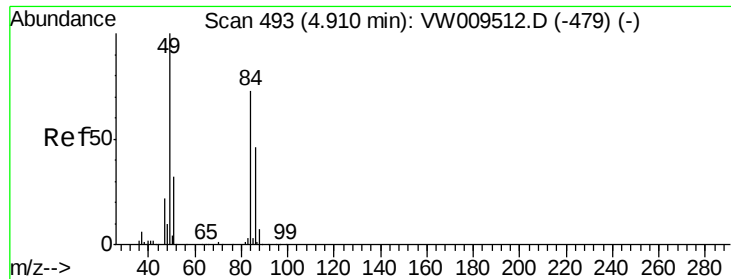
1000

0

4.30 4.40 4.50

Time-->

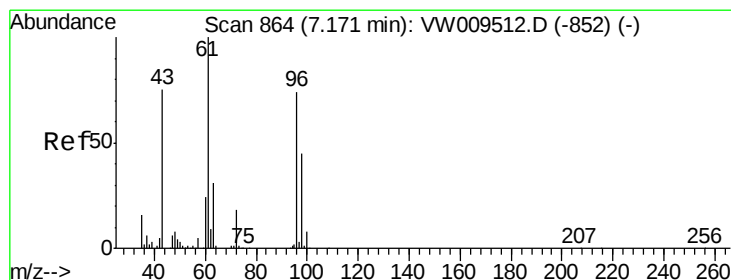
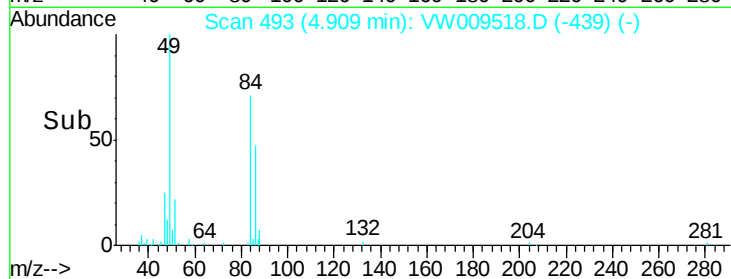
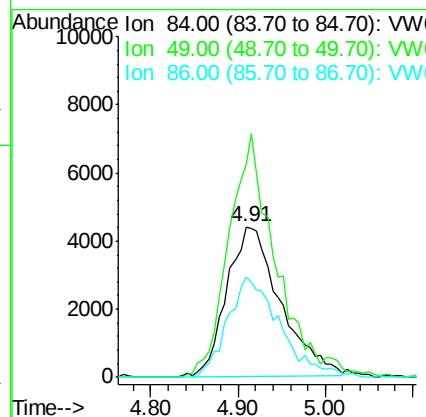
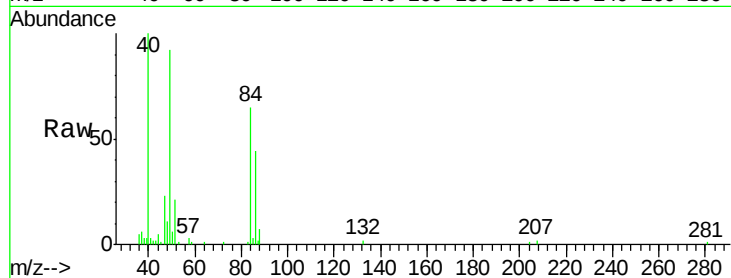




#16
Methvlene chloride
Concen: 4.236 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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BF5K8

Tot Ion: 84 Resp: 18718
Ion Ratio Lower Upper
84 100
49 140.9 96.0 178.2
86 66.7 44.4 82.5



#21
2-Butanone
Concen: 13.924 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009518.D
Acq: 28 Mar 2019 00:05

Tgt Ion: 43 Resp: 23610
Ion Ratio Lower Upper
43 100
72 23.8 13.1 39.1

