

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009363.D
 Acq On : 23 Mar 2019 00:16
 Operator : SY/VA
 Sample : K2031-03
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S3

Quant Time: Mar 23 02:04:58 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	392693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96213	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	105845	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
10) 1,1-Dichloroethene-d2	4.01	63	149850	14.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.07	46	99248	51.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.28%
24) Chloroform-d	7.64	84	237100	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	150411	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.20%
29) Benzene-d6	8.27	84	433575	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.27	67	140040	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	366322	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	55607	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	68891	48.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138013	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	123765	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

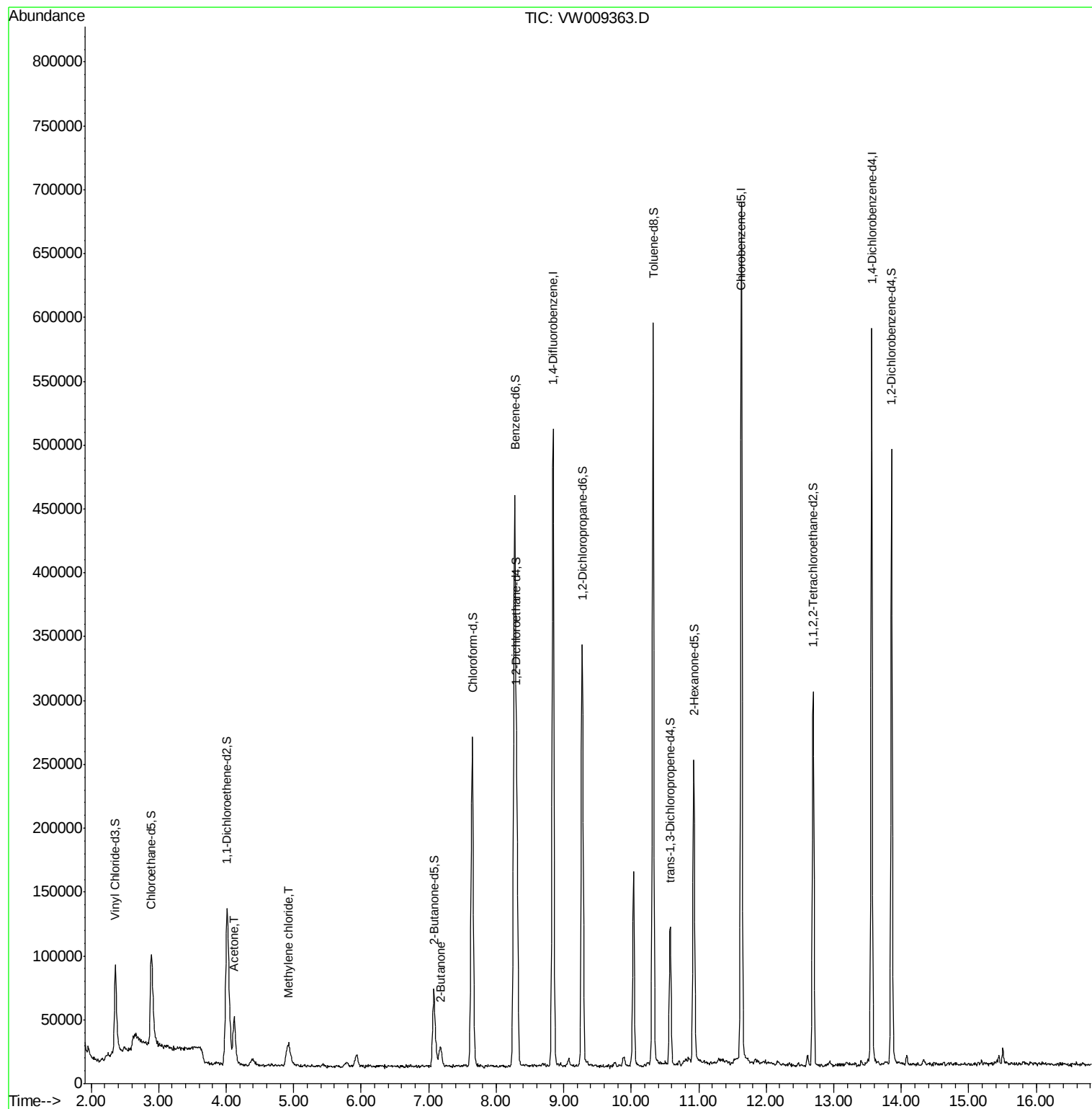
					Ovalue
13) Acetone	4.12	43	59764	37.552	ug/L 100
16) Methylene chloride	4.92	84	15643	2.732	ug/L 82
21) 2-Butanone	7.17	43	22298	10.147	ug/L 95

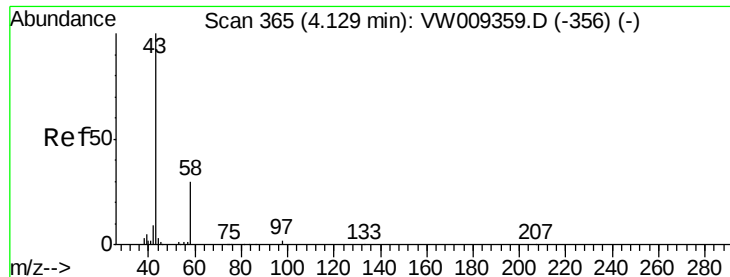
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 37.552 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 00:16

Instrument :

MSVOA_W

ClientSampled :

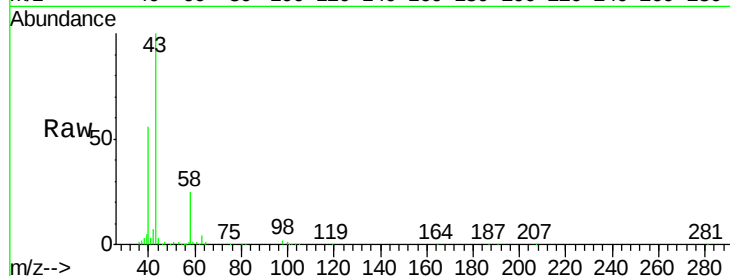
BF5S3

Tot Ion: 43 Resp: 59764

Ion Ratio Lower Upper

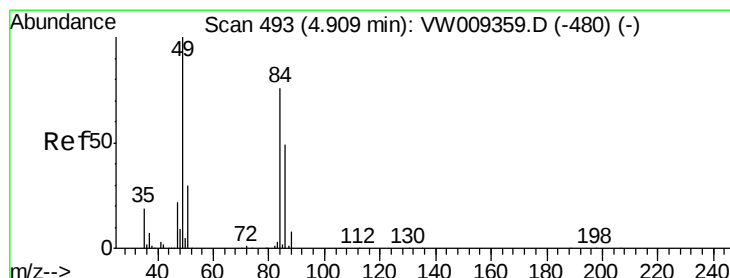
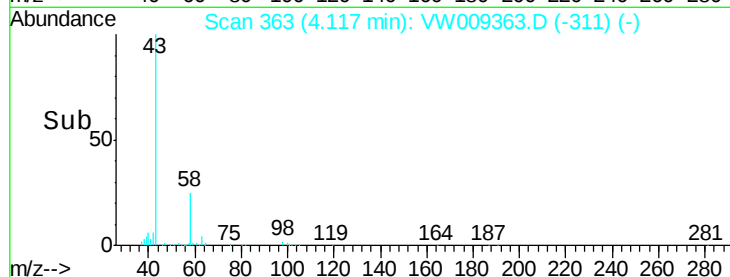
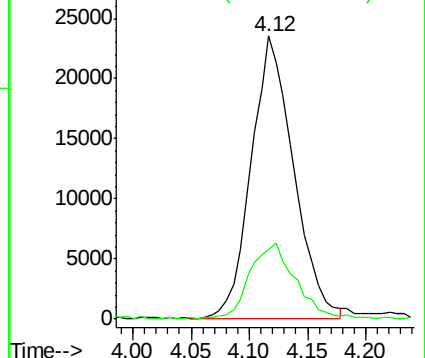
43 100

58 28.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.732 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 23 Mar 2019 00:16

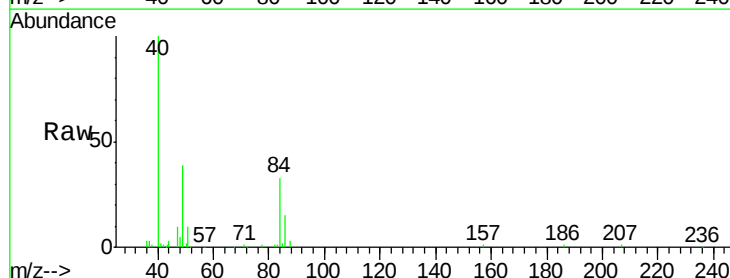
Tgt Ion: 84 Resp: 15643

Ion Ratio Lower Upper

84 100

49 117.7 96.0 178.2

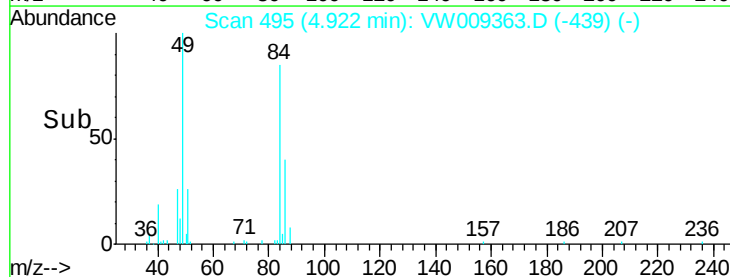
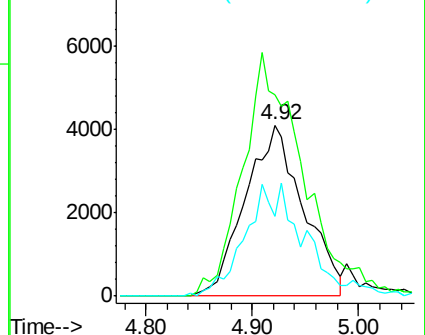
86 46.5 44.4 82.5

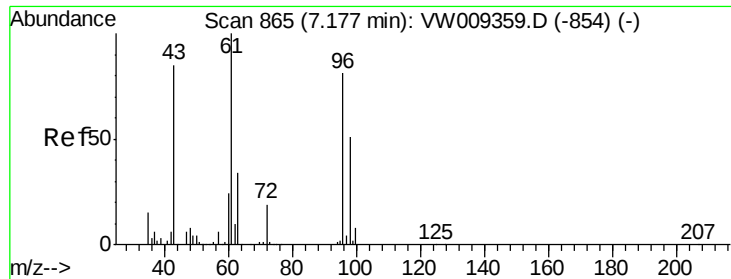


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 10.147 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 00:16

Instrument :

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Tot Ion: 43 Resp: 22298

Ion Ratio Lower Upper

43 100

72 23.3 13.1 39.1

