

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009522.D
 Acq On : 28 Mar 2019 01:55
 Operator : SY/VA
 Sample : K2068-18
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M4

Quant Time: Mar 28 08:31:27 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	285676	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220879	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65797	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.89	69	76719	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.84%
10) 1,1-Dichloroethene-d2	4.01	63	104400	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.09	46	18408m	13.04	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.08%
24) Chloroform-d	7.64	84	183134	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.30	65	114164	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	8.27	84	297821	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	101414	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.88%
37) Toluene-d8	10.32	98	219499	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.96%
38) trans-1,3-Dichloropropene-	10.58	79	17101	9.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.24%
39) 2-Hexanone-d5	10.93	63	10784	12.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80176	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	47250	21.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.00%

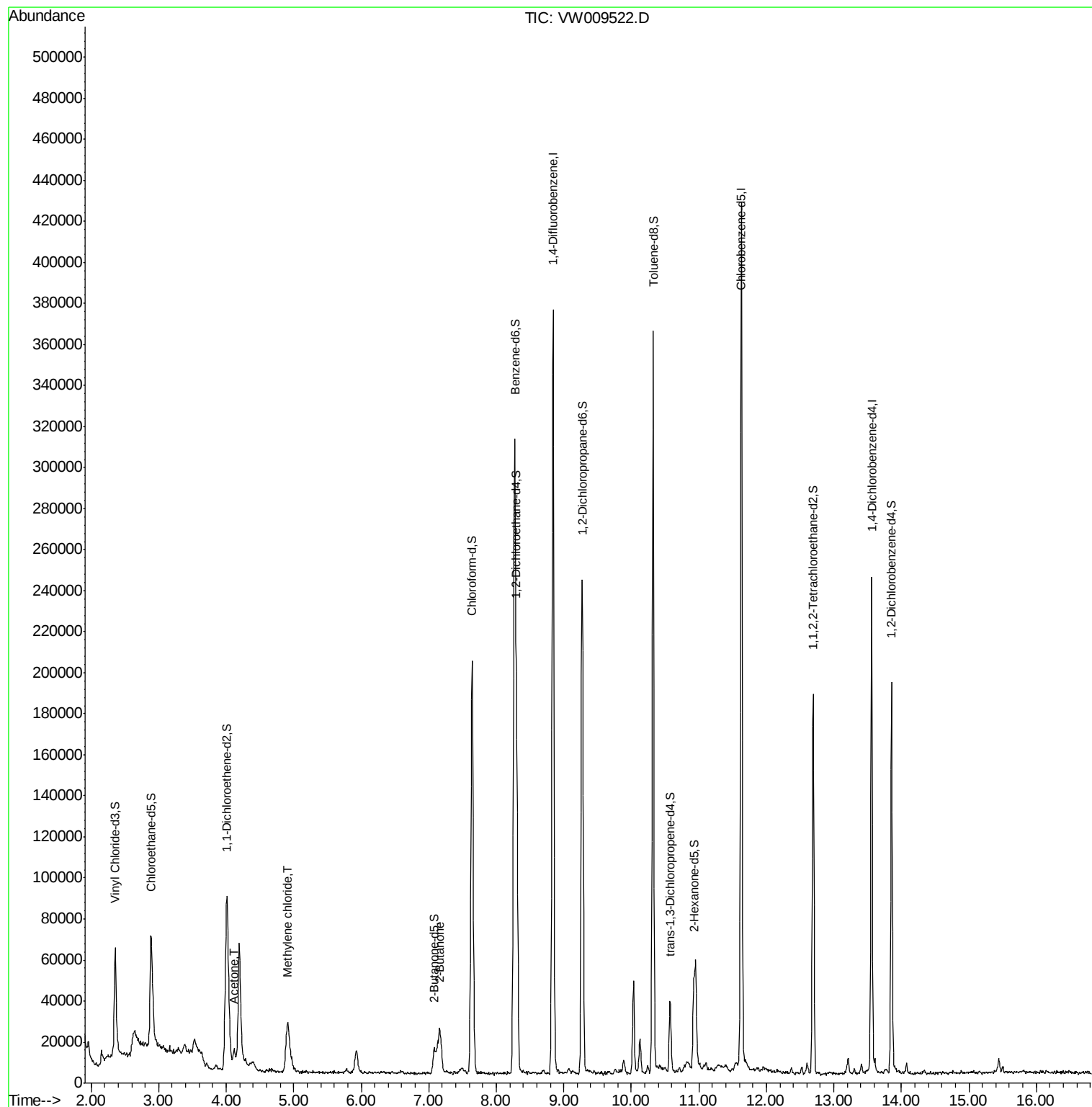
Target Compounds					Ovalue
13) Acetone	4.12	43	15684	13.547 ug/L	98
16) Methylene chloride	4.92	84	21414	5.140 ug/L	84
21) 2-Butanone	7.16	43	47133m	29.484 ug/L	

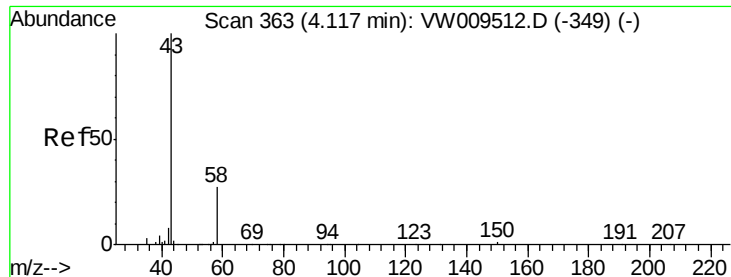
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.547 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

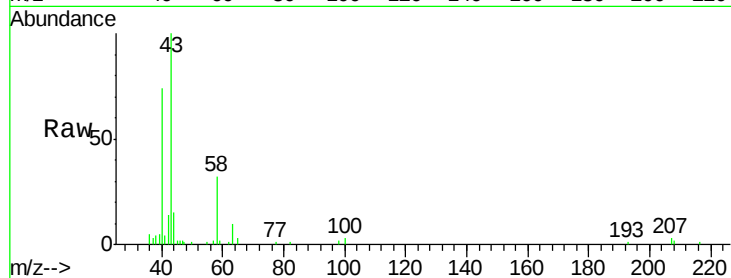
BF5M4

Tot Ion: 43 Resp: 15684

Ion Ratio Lower Upper

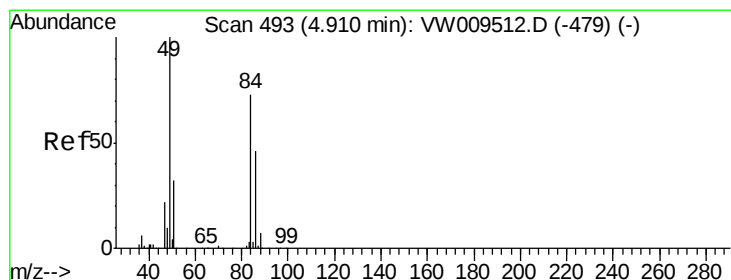
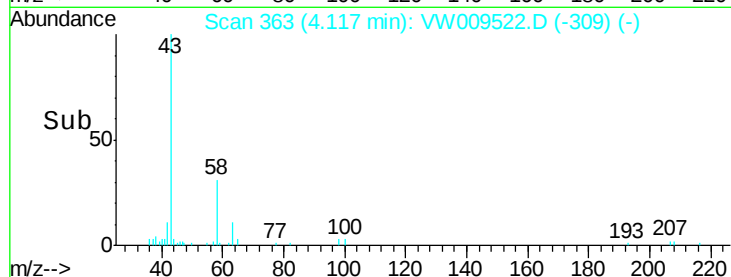
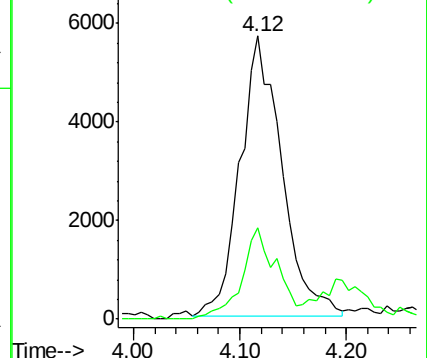
43 100

58 27.0 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: 5.140 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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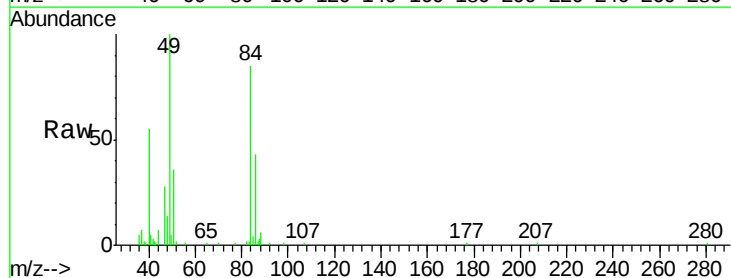
Tgt Ion: 84 Resp: 21414

Ion Ratio Lower Upper

84 100

49 118.0 96.0 178.2

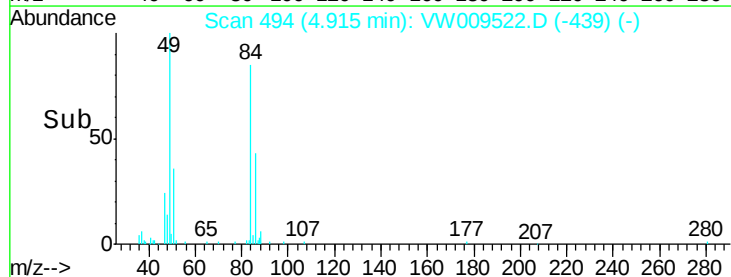
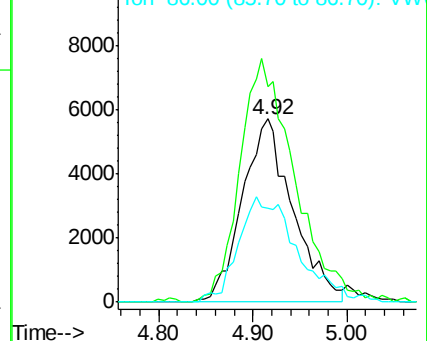
86 51.2 44.4 82.5

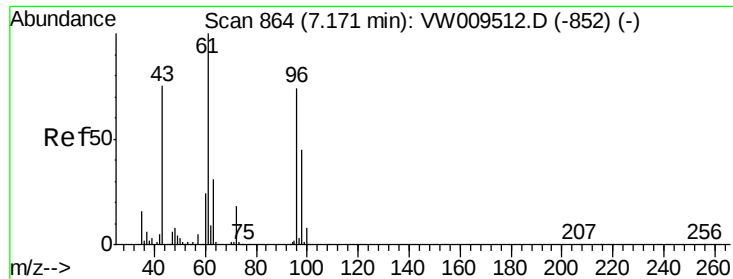


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 29.484 ug/L m

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

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Instrument :

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Tot Ion: 43 Resp: 47133

Ion Ratio Lower Upper

43 100

72 0.2 13.1 39.1#

