

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009543.D
 Acq On : 28 Mar 2019 17:30
 Operator : SY/VA
 Sample : K2068-12RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K8RE

Quant Time: Mar 29 07:20:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	293044	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249634	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84221	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116821	33.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.44%
7) Chloroethane-d5	2.89	69	113337	27.66	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.64%
10) 1,1-Dichloroethene-d2	4.01	63	170763	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.24%
20) 2-Butanone-d5	7.07	46	73498	50.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.50%
24) Chloroform-d	7.64	84	209619	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	8.30	65	129428	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	8.27	84	394655	28.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.68%
33) 1,2-Dichloropropane-d6	9.27	67	120692	29.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.76%
37) Toluene-d8	10.32	98	326930	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.72%
38) trans-1,3-Dichloropropene-	10.57	79	43972	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	41951	41.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104499	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	82372	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

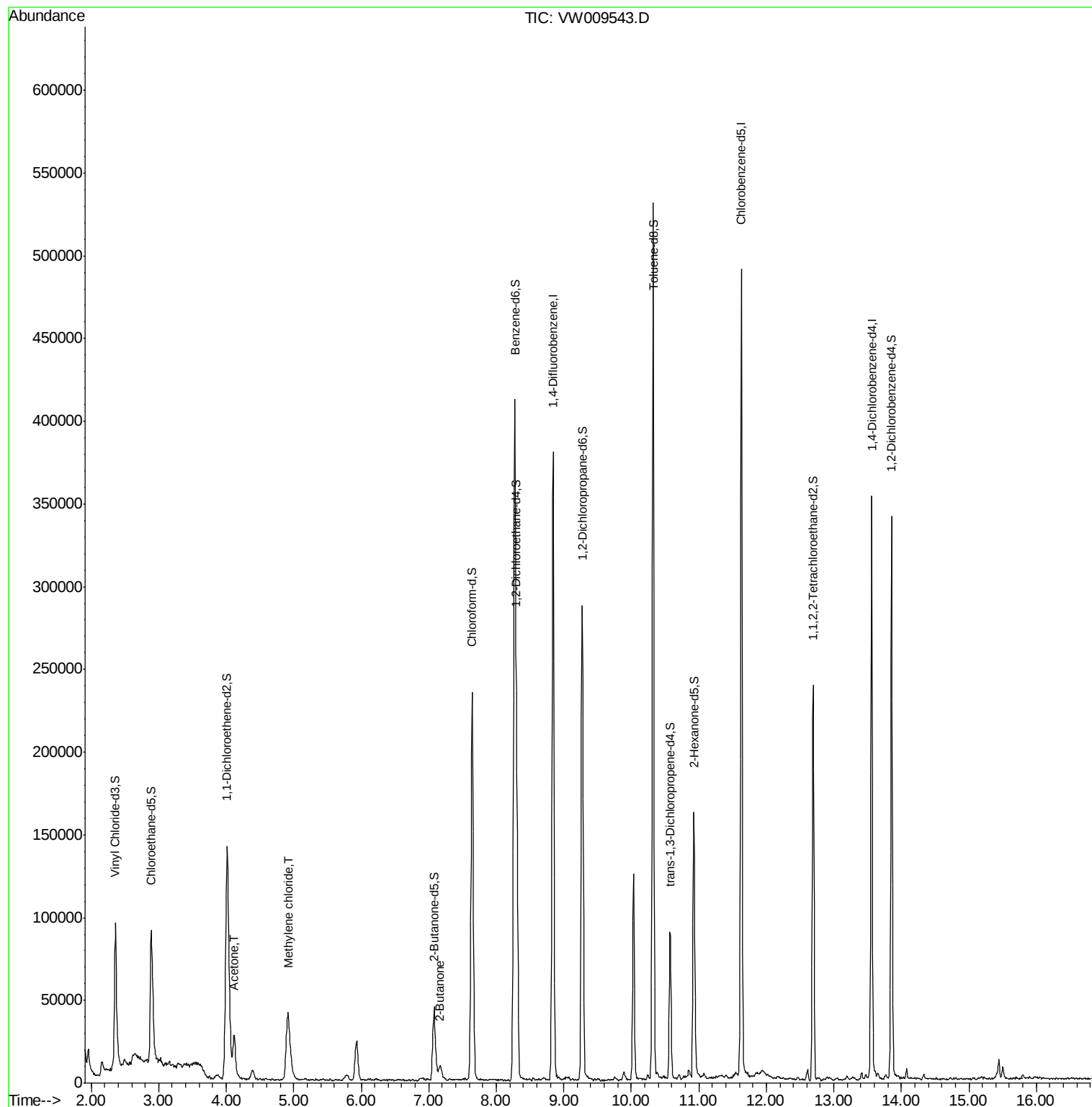
Target Compounds					Qvalue
13) Acetone	4.12	43	42993	36.201 ug/L	98
16) Methylene chloride	4.92	84	35882	8.397 ug/L	89
21) 2-Butanone	7.17	43	13274	8.095 ug/L	78

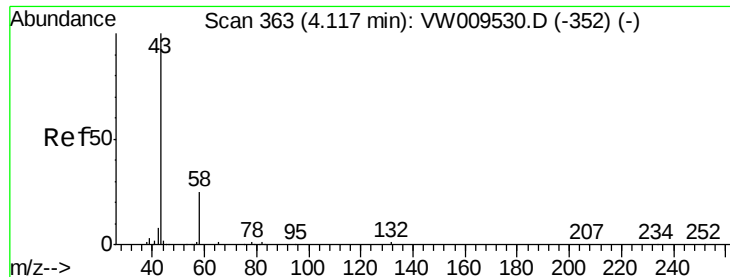
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.201 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

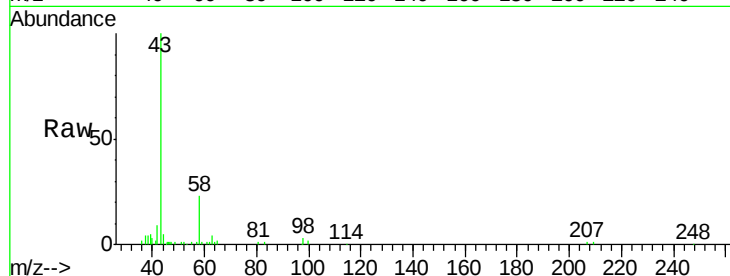
BF5K8RE

Tgt Ion: 43 Resp: 42993

Ion Ratio Lower Upper

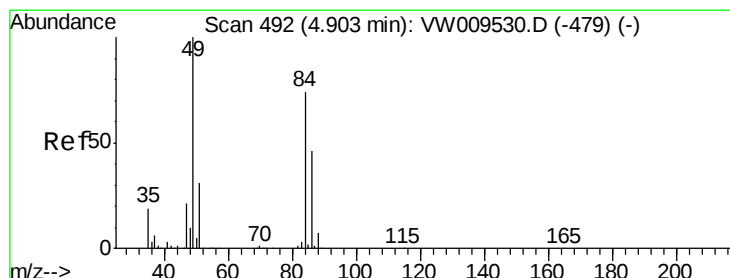
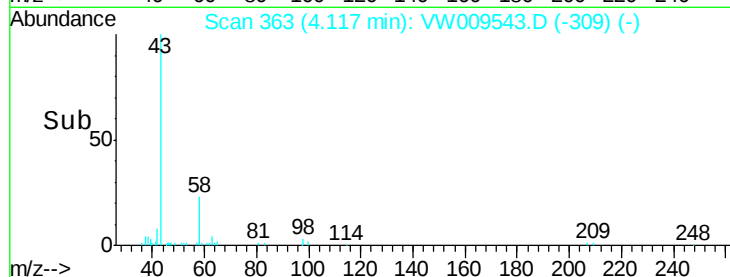
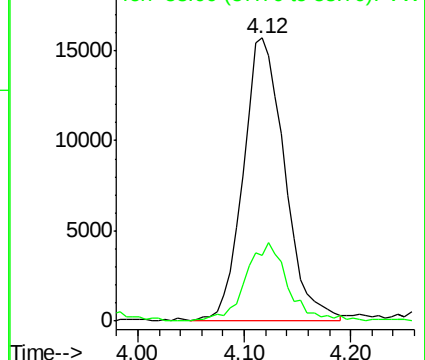
43 100

58 27.2 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: 8.397 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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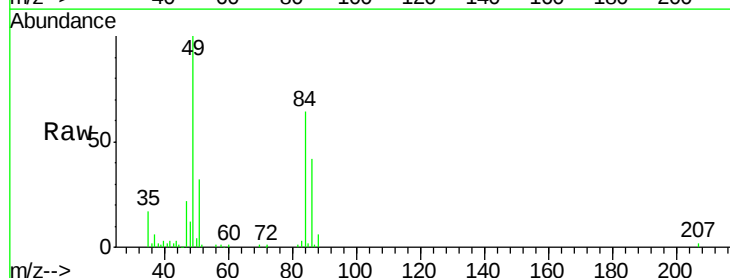
Tgt Ion: 84 Resp: 35882

Ion Ratio Lower Upper

84 100

49 155.1 96.0 178.2

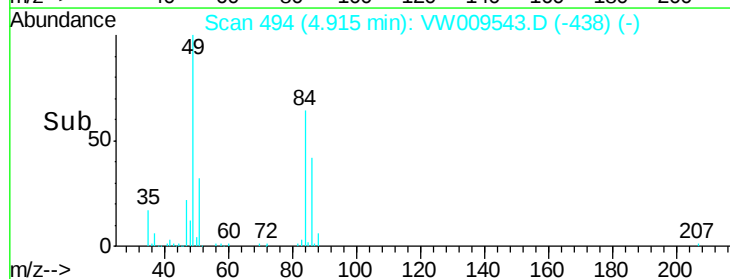
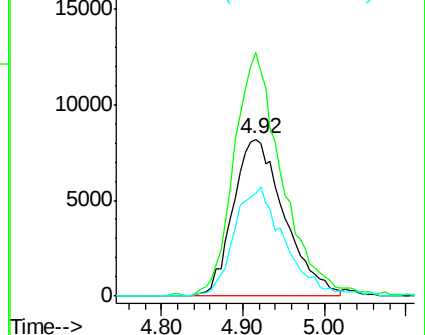
86 65.6 44.4 82.5

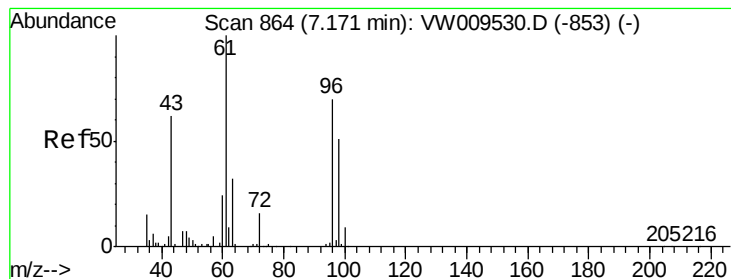


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 8.095 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

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Tgt Ion: 43 Resp: 13274

Ion Ratio Lower Upper

43 100

72 15.0 13.1 39.1

