

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009601.D
 Acq On : 30 Mar 2019 20:18
 Operator : SY/VA
 Sample : K2068-09
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Mar 30 21:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	418585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133152	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
7) Chloroethane-d5	2.89	69	132462	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.01	63	203379	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.24%
20) 2-Butanone-d5	7.07	46	125199	60.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.04%
24) Chloroform-d	7.64	84	288341	25.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	8.30	65	193190	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.28%
29) Benzene-d6	8.27	84	537249	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	171573	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	485633	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.57	79	75772	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	79881	47.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181207	26.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	184408	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

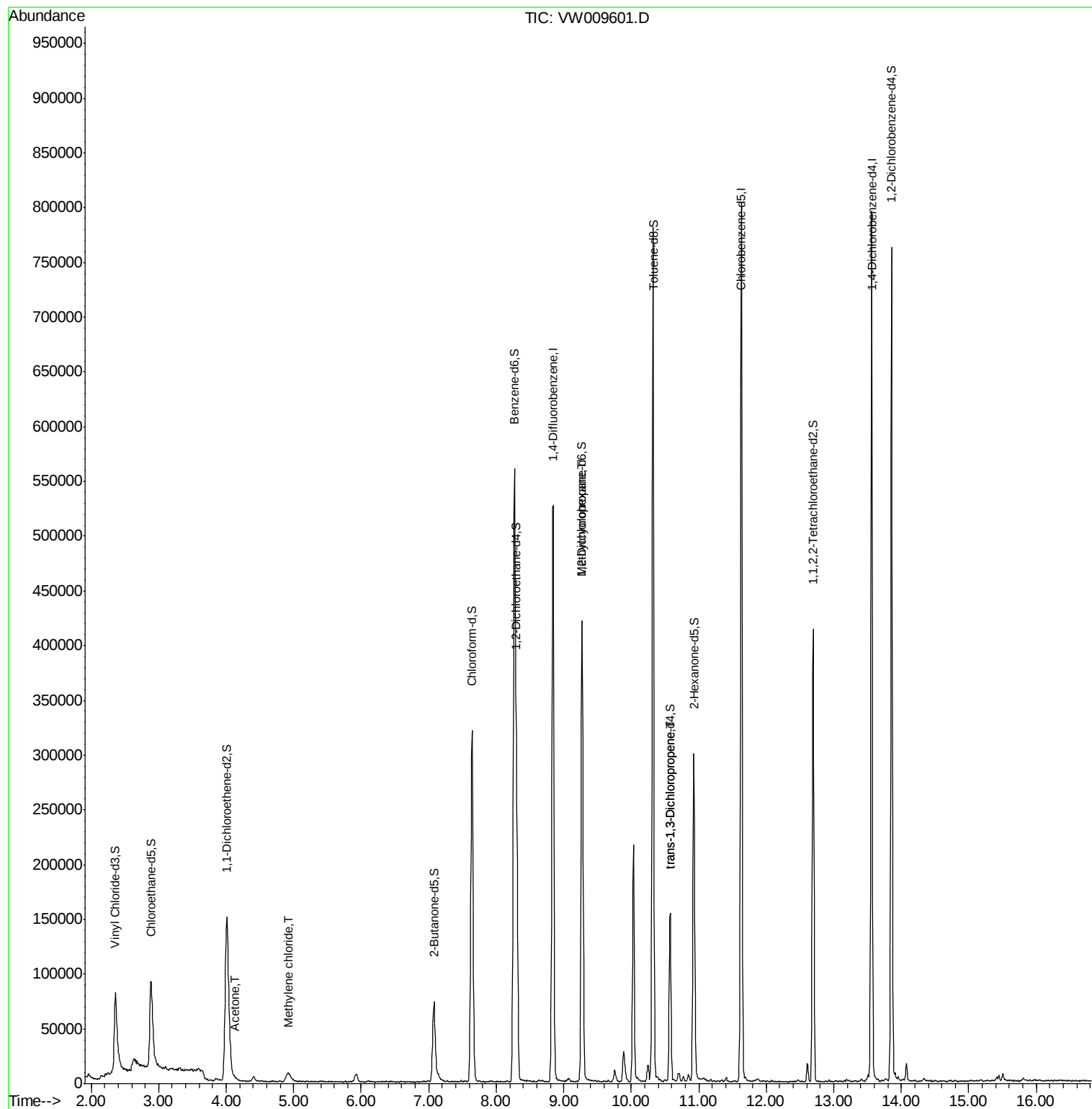
					Qvalue
13) Acetone	4.12	43	1769	1.043 ug/L	58
16) Methylene chloride	4.92	84	6513	1.067 ug/L	84
36) Methylcyclohexane	9.27	83	42658	4.036 ug/L #	17
45) trans-1,3-Dichloropropene	10.58	75	4372	0.524 ug/L	98

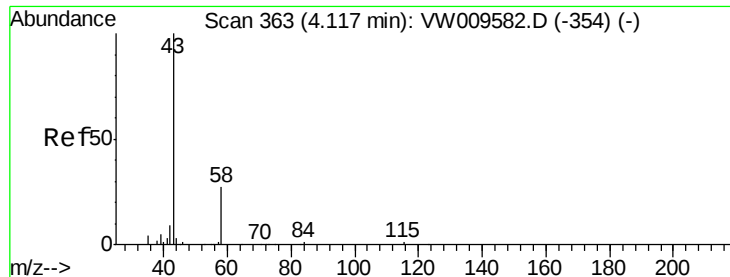
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.043 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009601.D

Acq: 30 Mar 2019 20:18

Instrument :

MSVOA_W

ClientSampled :

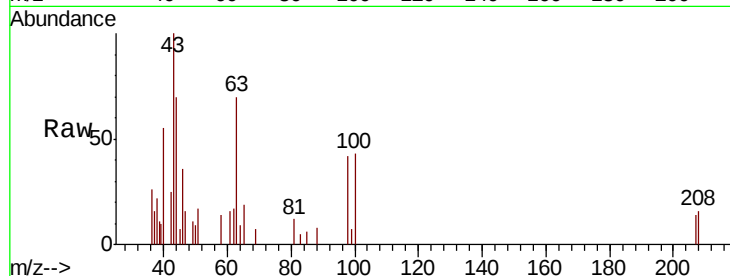
VHBLK01

Tgt Ion: 43 Resp: 1769

Ion Ratio Lower Upper

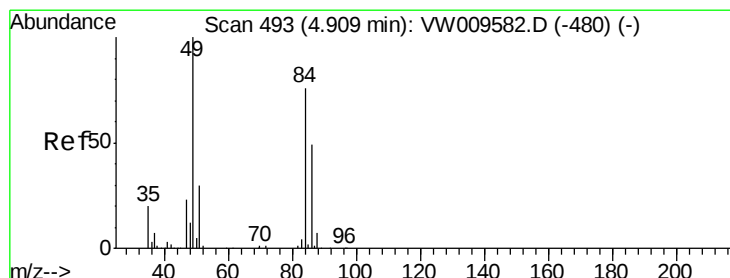
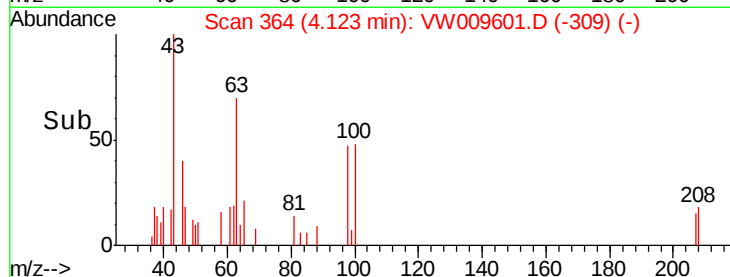
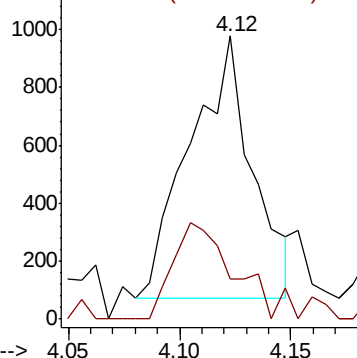
43 100

58 6.2 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: 1.067 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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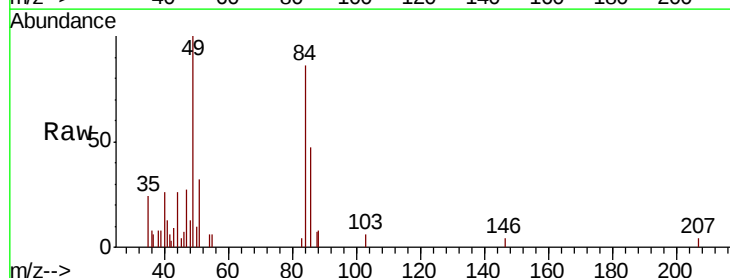
Tgt Ion: 84 Resp: 6513

Ion Ratio Lower Upper

84 100

49 116.1 96.0 178.2

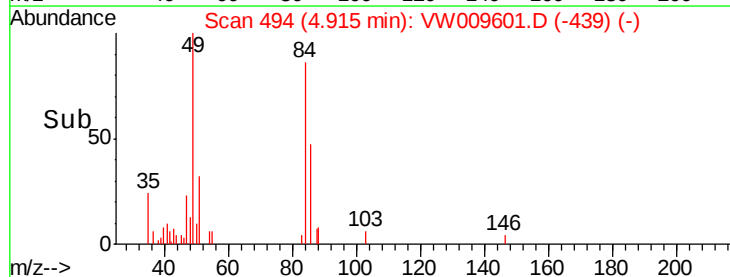
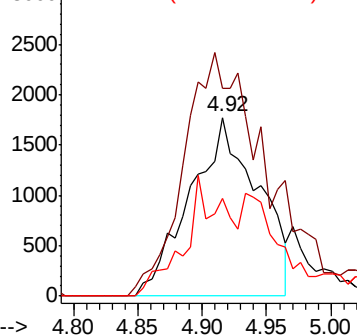
86 54.5 44.4 82.5

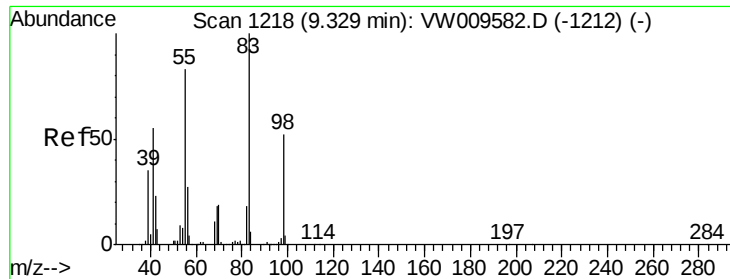


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

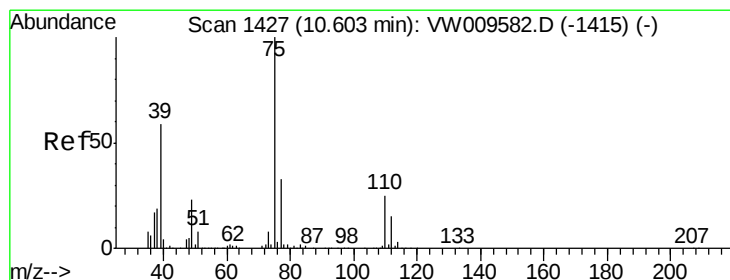
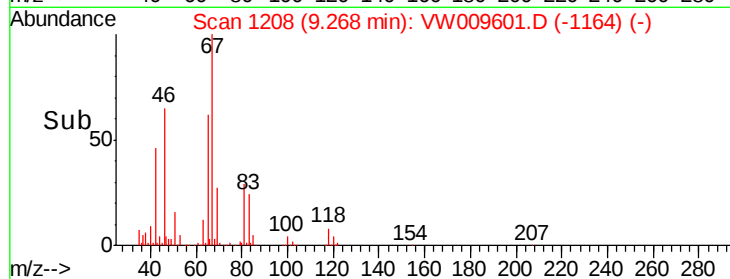
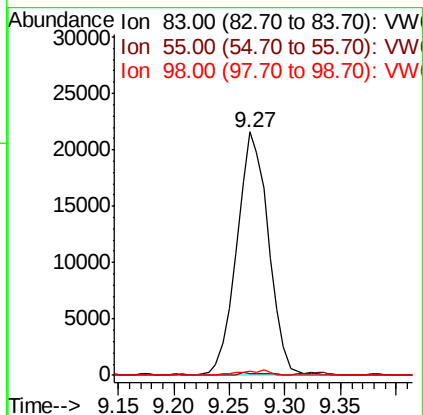
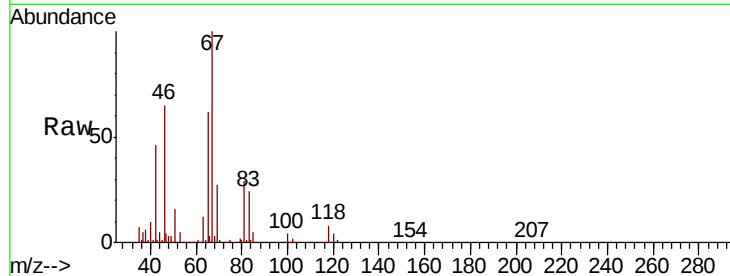




#36
Methylcyclohexane
Concen: 4.036 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 42658
Ion Ratio Lower Upper
83 100
55 0.4 63.5 95.3#
98 1.2 39.8 59.8#



#45
trans-1,3-Dichloropropene
Concen: 0.524 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009601.D
Acq: 30 Mar 2019 20:18

Tgt Ion: 75 Resp: 4372
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7

