

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009350.D
 Acq On : 22 Mar 2019 15:59
 Operator : SY/VA
 Sample : K2017-12
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D8

Quant Time: Mar 23 00:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113891	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.90	69	115429	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
10) 1,1-Dichloroethene-d2	4.01	63	176104	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
20) 2-Butanone-d5	7.07	46	66803	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
24) Chloroform-d	7.64	84	257164	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.30	65	149566	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	471184	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	149229	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	404873	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.58	79	59551	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	50712	35.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118243	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	113865	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

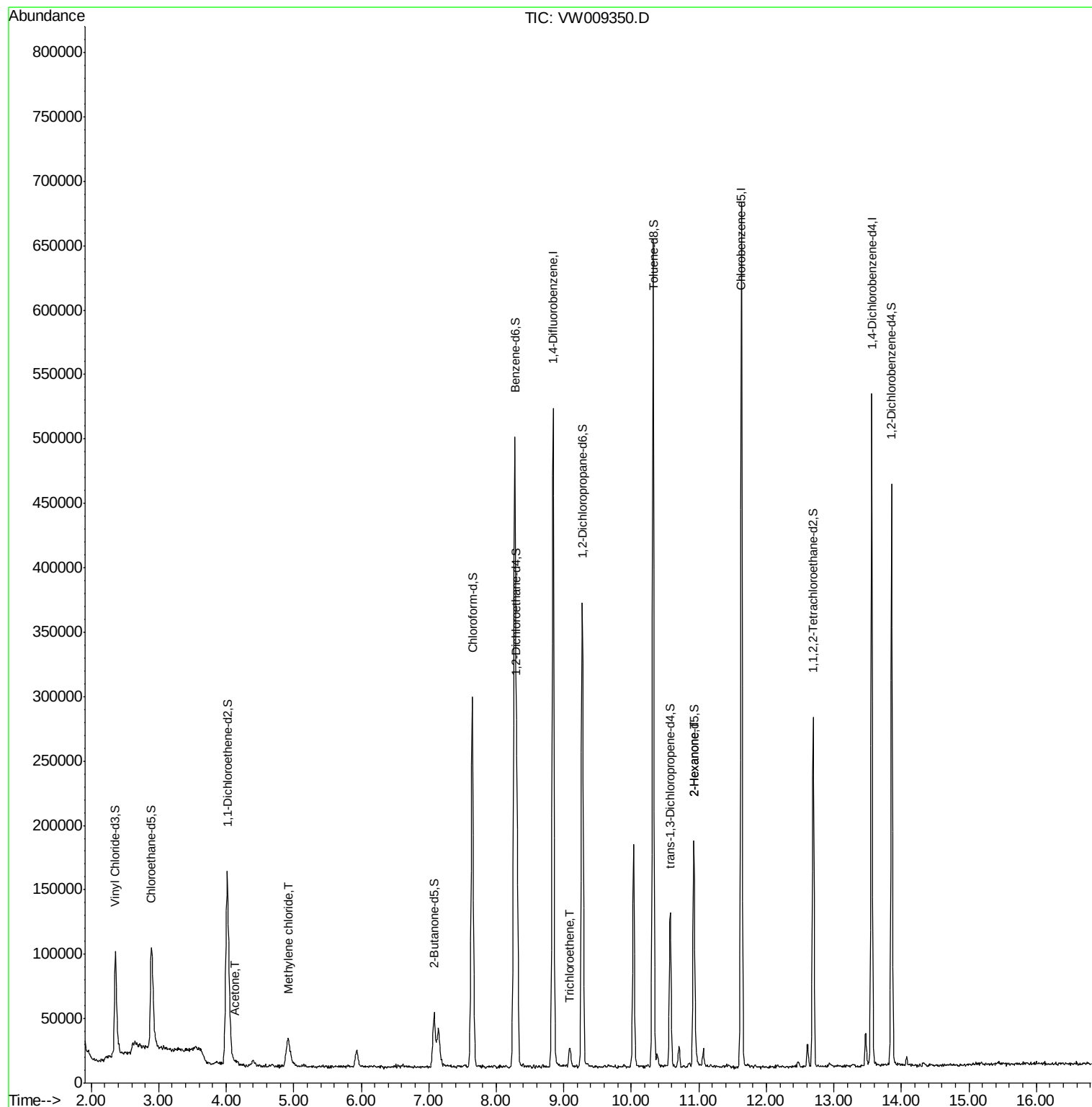
					Qvalue
13) Acetone	4.12	43	2004	1.248 ug/L	94
16) Methylene chloride	4.92	84	19167	3.316 ug/L	85
35) Trichloroethene	9.09	95	4562	0.882 ug/L	97
49) 2-Hexanone	10.93	43	13739	4.323 ug/L #	66

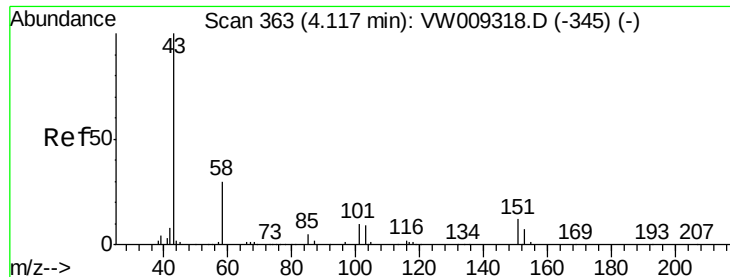
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.248 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009350.D

Acq: 22 Mar 2019 15:59

Instrument :

MSVOA_W

ClientSampled :

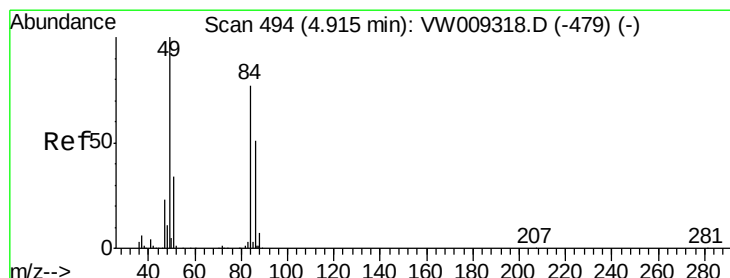
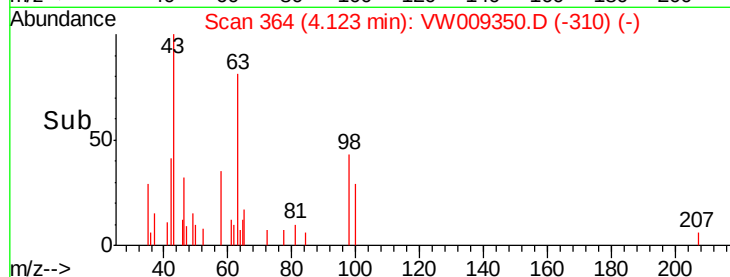
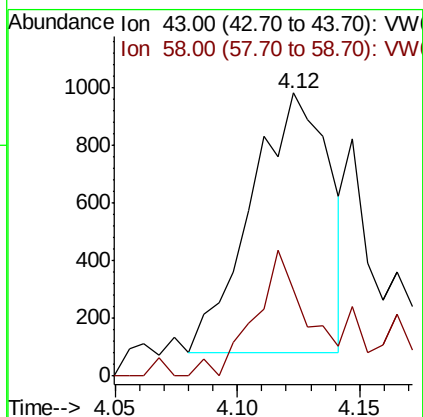
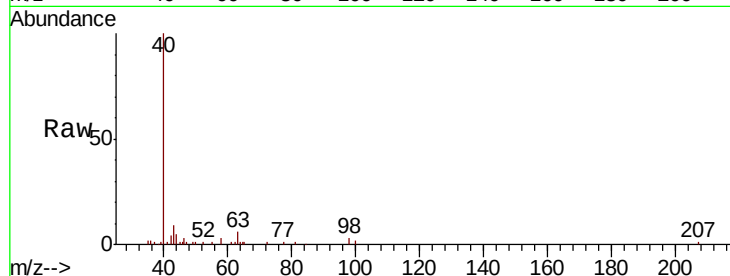
BF0D8

Tgt Ion: 43 Resp: 2004

Ion Ratio Lower Upper

43 100

58 31.4 0.0 56.2



#16

Methylene chloride

Concen: 3.316 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 22 Mar 2019 15:59

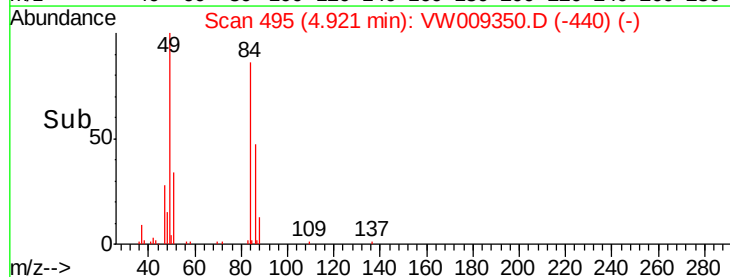
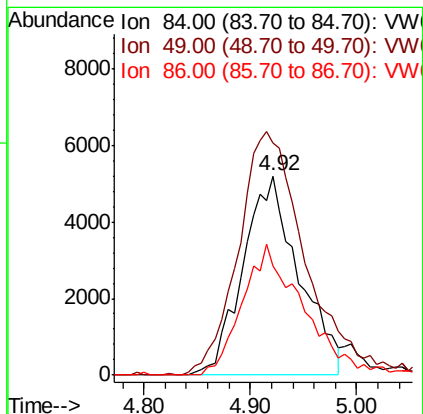
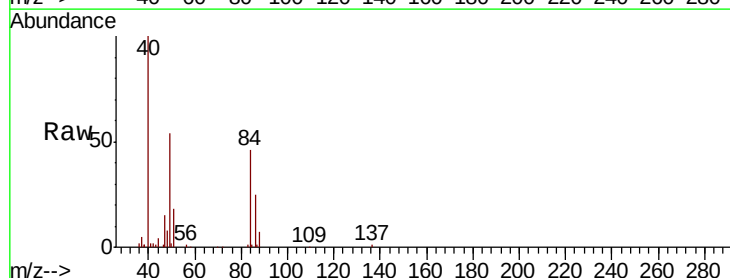
Tgt Ion: 84 Resp: 19167

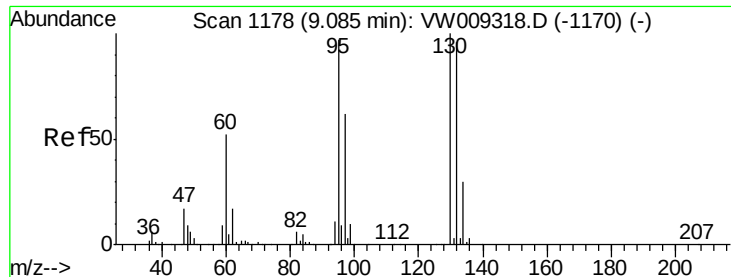
Ion Ratio Lower Upper

84 100

49 116.5 96.0 178.2

86 54.6 44.4 82.5





#35

Trichloroethene

Concen: 0.882 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009350.D

Acq: 22 Mar 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

BF0D8

Tgt Ion: 95 Resp: 4562

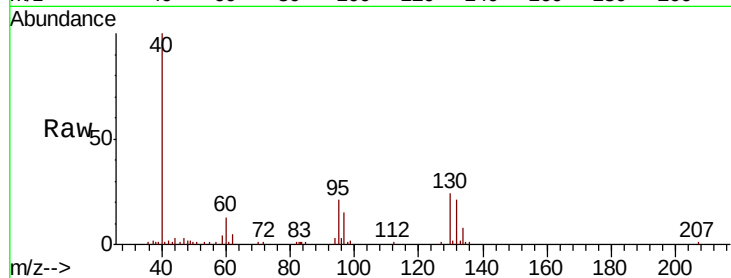
Ion Ratio Lower Upper

95 100

97 68.4 44.7 82.9

132 102.0 69.0 128.2

130 105.6 72.7 134.9

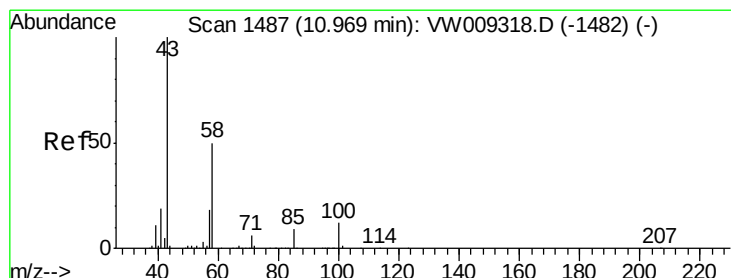
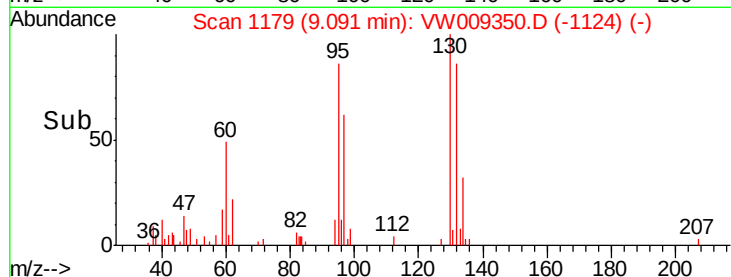
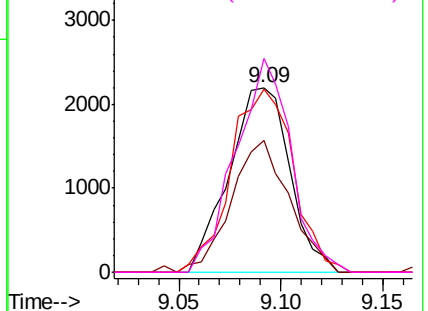


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#49

2-Hexanone

Concen: 4.323 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 13739

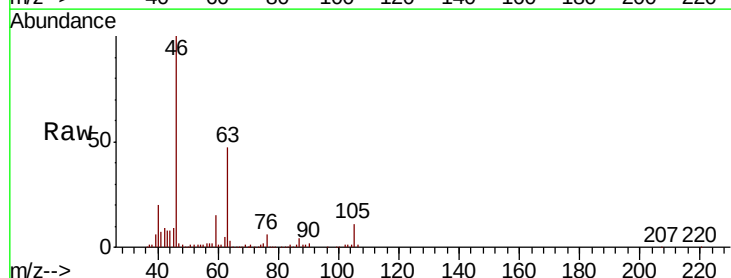
Ion Ratio Lower Upper

43 100

58 17.7 39.2 58.8#

57 21.1 14.2 21.2

100 2.9 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): V

