

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004680.D
 Acq On : 14 Aug 2018 22:37
 Operator : SY/AP
 Sample : J4421-06
 Misc : 10.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 15 08:26:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	526458	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	288754	30.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.56%
7) Chloroethane-d5	2.90	69	221936	30.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.88%
10) 1,1-Dichloroethene-d2	4.01	63	371590	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.56%
20) 2-Butanone-d5	7.09	46	106690	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	470299	29.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.44%
26) 1,2-Dichloroethane-d4	8.40	65	288	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.28	84	901293	30.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.12%
33) 1,2-Dichloropropane-d6	9.28	67	290292	31.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.60%#
37) Toluene-d8	10.33	98	690887	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.32%
38) trans-1,3-Dichloropropene-	10.58	79	94947	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.00%
39) 2-Hexanone-d5	10.93	63	77664	42.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	203978	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	167993	27.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.84%

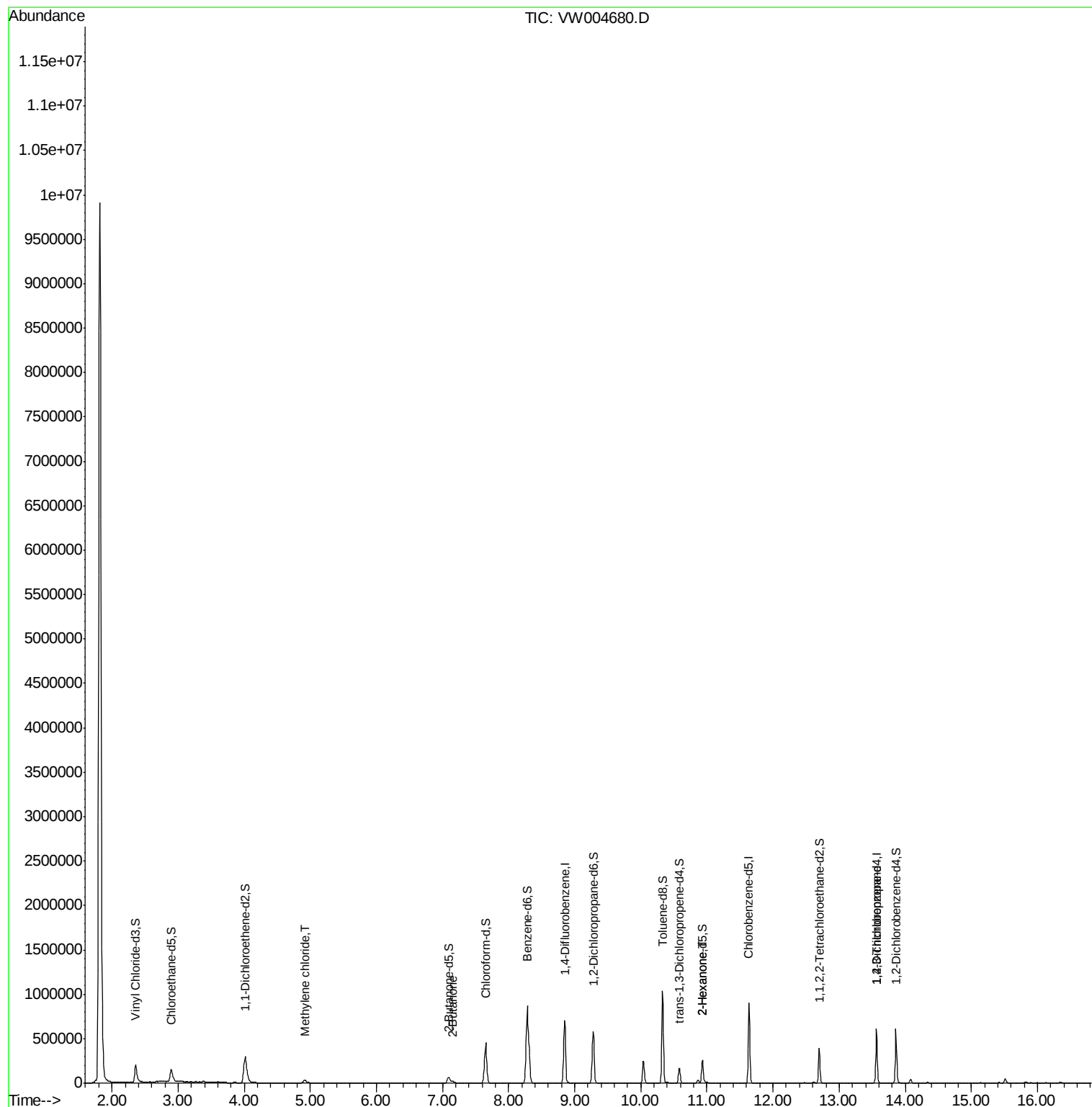
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	26498	2.219 ug/L	95
21) 2-Butanone	7.15	43	7535	2.284 ug/L #	52
49) 2-Hexanone	10.93	43	17681	4.312 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	19498	2.988 ug/L	94

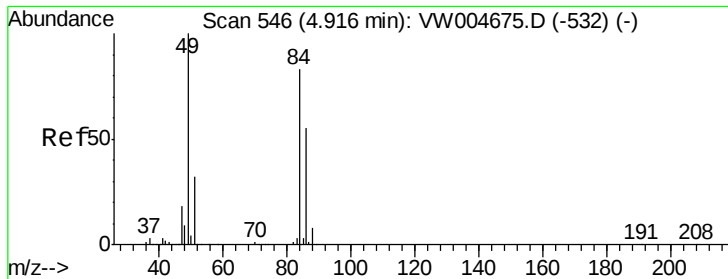
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

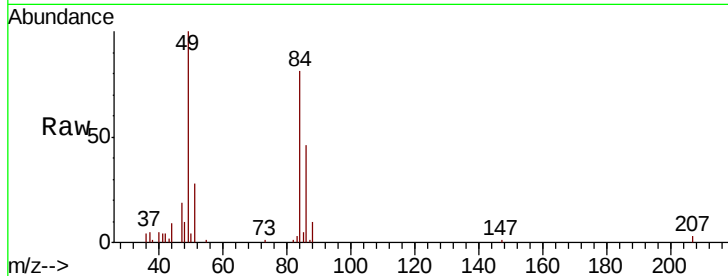




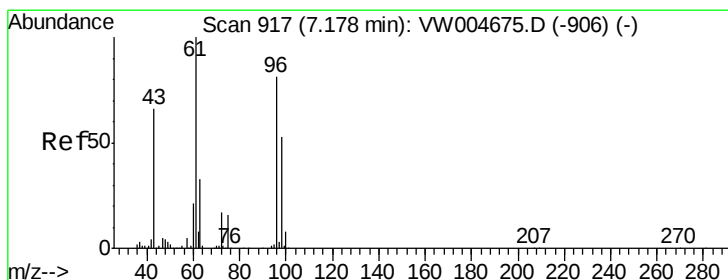
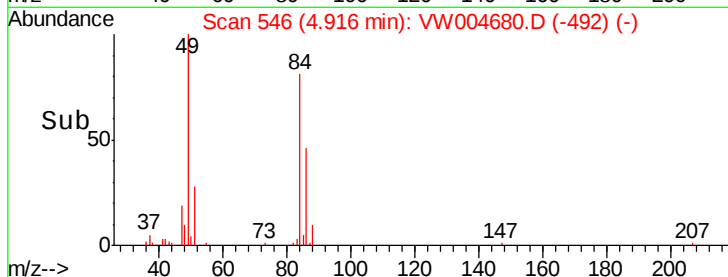
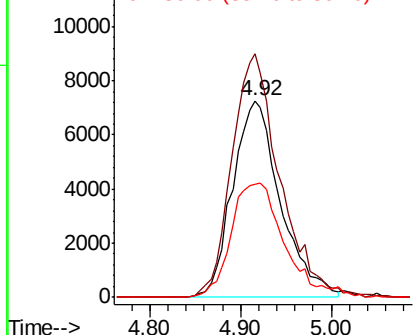
#16
Methylene chloride
Concen: 2.219 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004680.D
Acq: 14 Aug 2018 22:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 26498
Ion Ratio Lower Upper
84 100
49 124.1 84.9 157.7
86 57.4 45.7 84.9

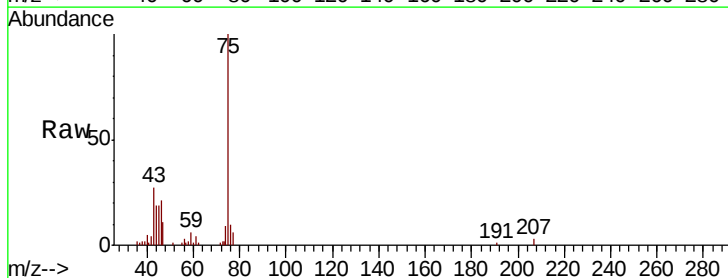


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

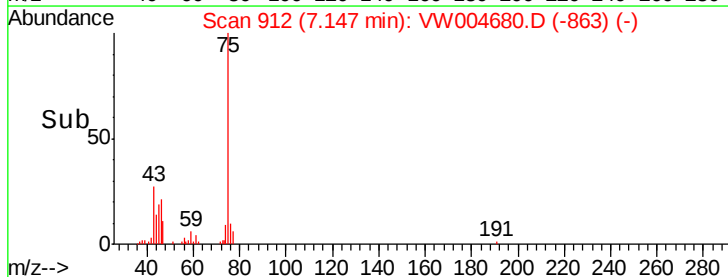
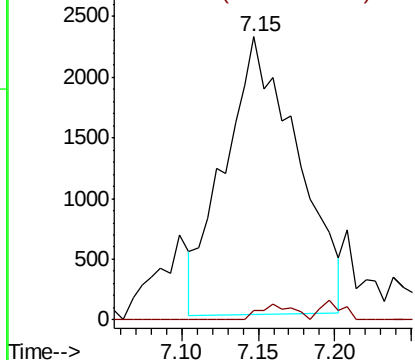


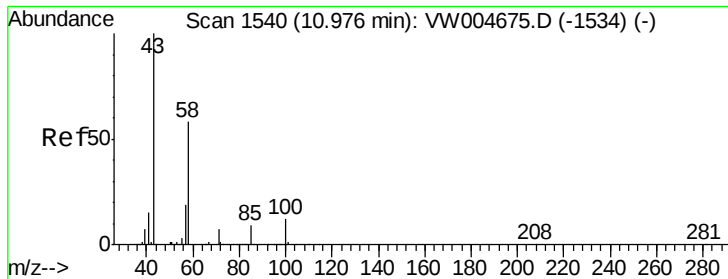
#21
2-Butanone
Concen: 2.284 ug/L
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004680.D
Acq: 14 Aug 2018 22:37

Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
72 2.7 14.1 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#49

2-Hexanone

Concen: 4.312 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004680.D

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 17681

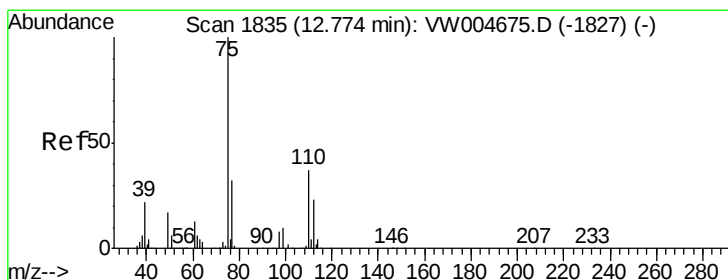
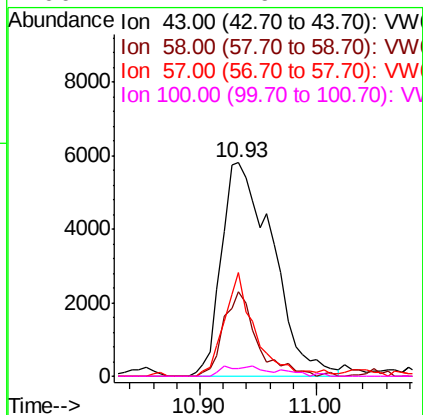
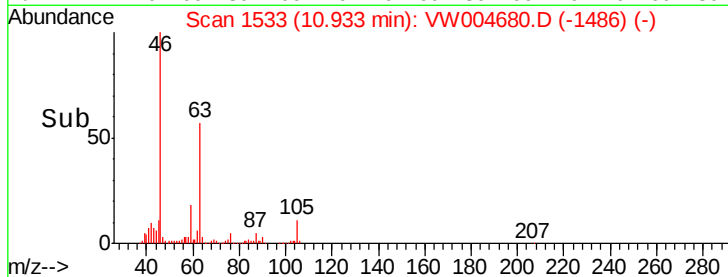
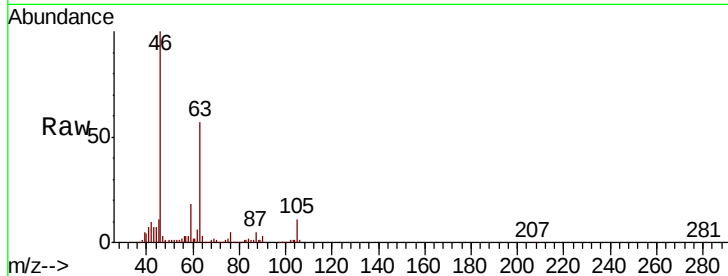
Ion Ratio Lower Upper

43 100

58 25.9 44.4 66.6#

57 28.0 14.8 22.2#

100 1.7 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 2.988 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

Lab File: VW004680.D

Acq: 14 Aug 2018 22:37

Tgt Ion: 75 Resp: 19498

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.6

