

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004498.D
 Acq On : 07 Aug 2018 15:56
 Operator : SY/AP
 Sample : VIBLK92
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK92

Quant Time: Aug 08 05:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	737353	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	758849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	333509	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183598	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.08%
7) Chloroethane-d5	2.89	69	155232	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
10) 1,1-Dichloroethene-d2	4.01	63	279973	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.09	46	236667	58.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.06%
24) Chloroform-d	7.65	84	434758	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.45	65	96	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	813043	20.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.56%
33) 1,2-Dichloropropane-d6	9.27	67	278156	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.32%
37) Toluene-d8	10.33	98	666072	18.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.88%
38) trans-1,3-Dichloropropene-	10.58	79	103513	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	10.93	63	165491	51.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	338092	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	292547	23.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.40%

Target Compounds

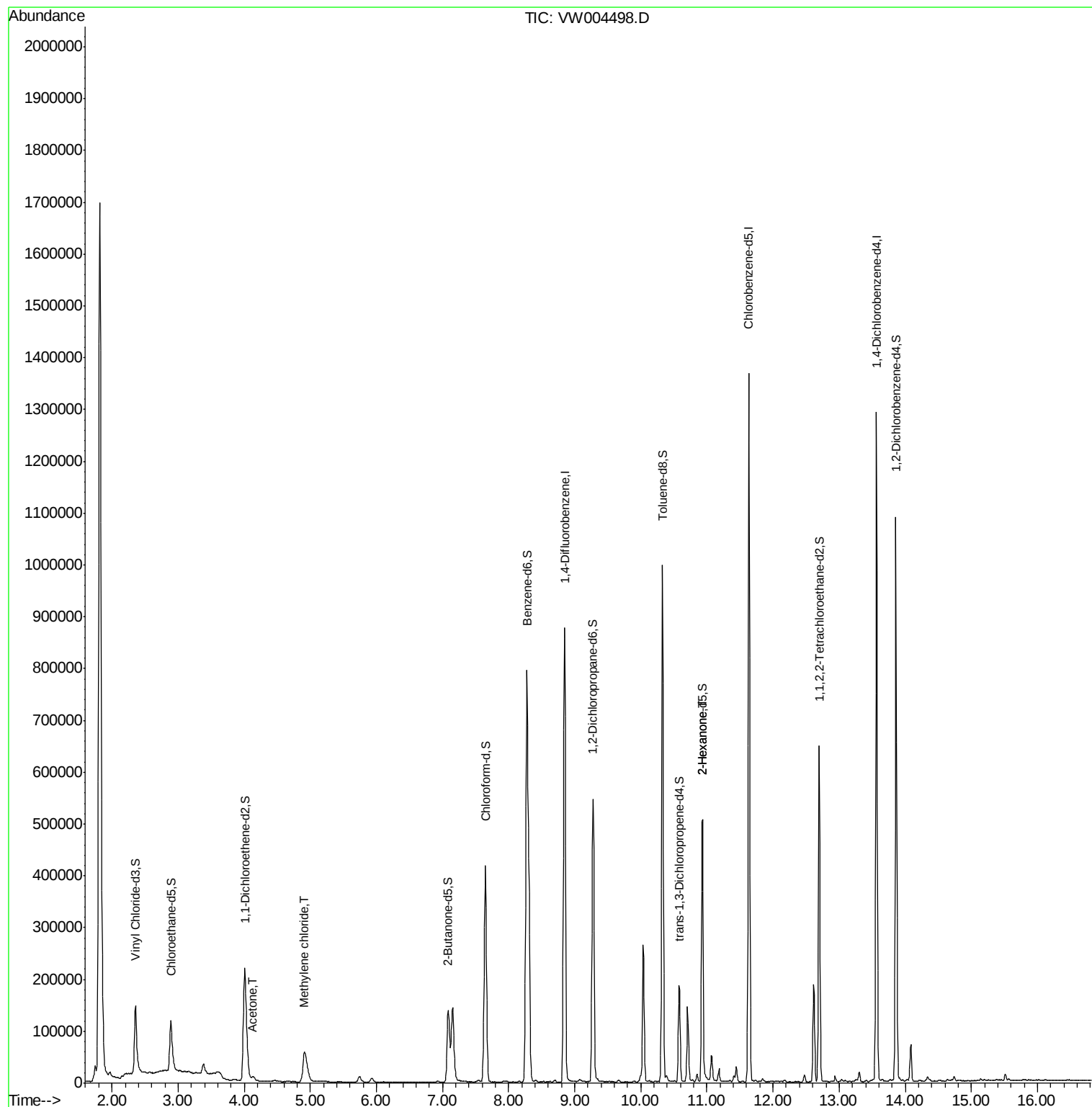
					Qvalue
13) Acetone	4.14	43	10673	3.046 ug/L	78
16) Methylene chloride	4.91	84	57987	3.959 ug/L	95
49) 2-Hexanone	10.93	43	21999	3.151 ug/L #	68

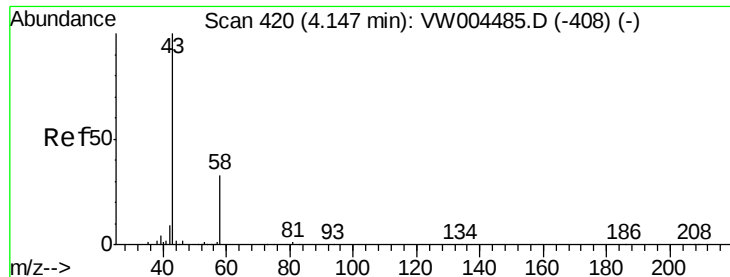
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.046 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW004498.D

Acq: 07 Aug 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

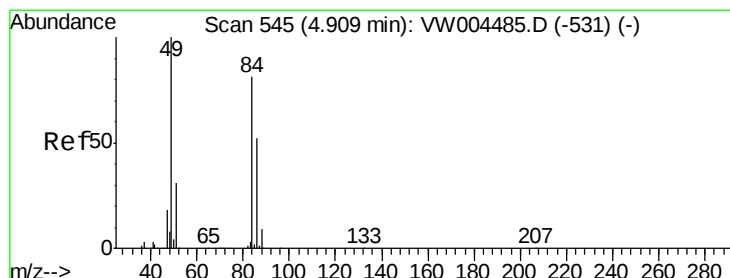
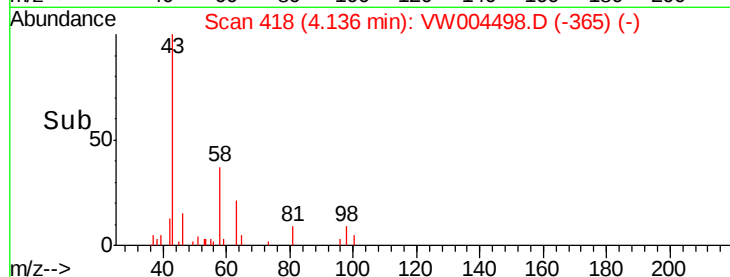
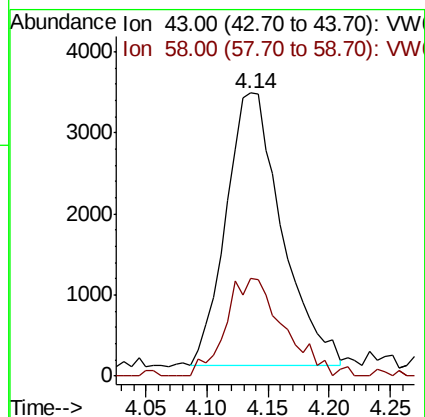
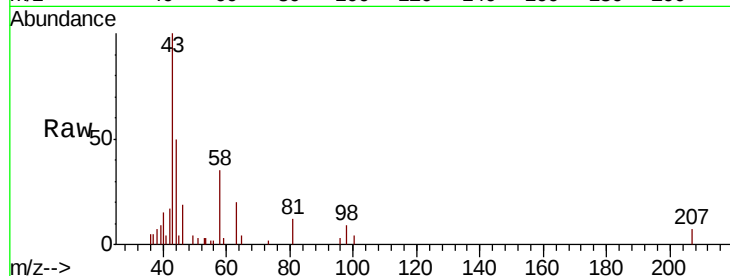
VIBLK92

Tgt Ion: 43 Resp: 10673

Ion Ratio Lower Upper

43 100

58 20.8 0.0 66.4



#16

Methylene chloride

Concen: 3.959 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004498.D

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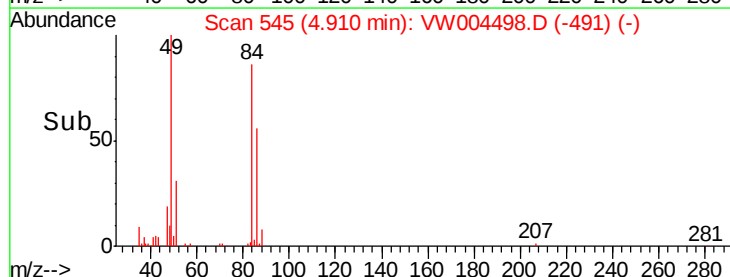
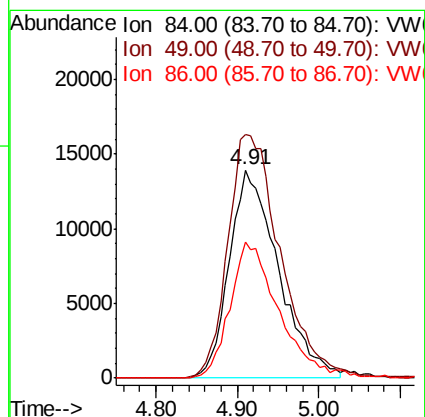
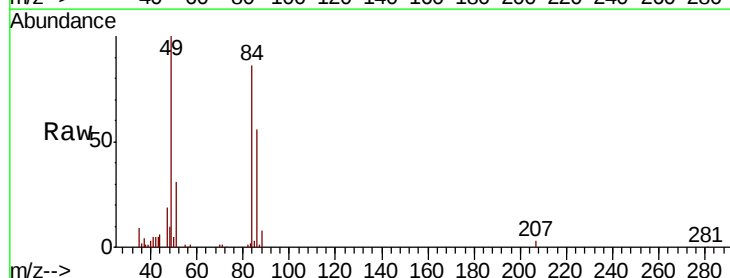
Tgt Ion: 84 Resp: 57987

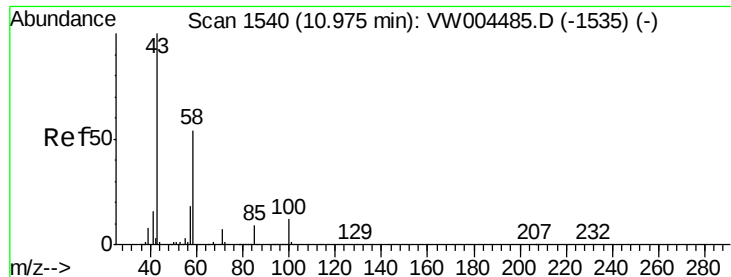
Ion Ratio Lower Upper

84 100

49 116.9 86.0 159.6

86 65.4 43.5 80.9





#49

2-Hexanone

Concen: 3.151 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004498.D

Acq: 07 Aug 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

VIBLK92

Tgt Ion: 43 Resp: 21999

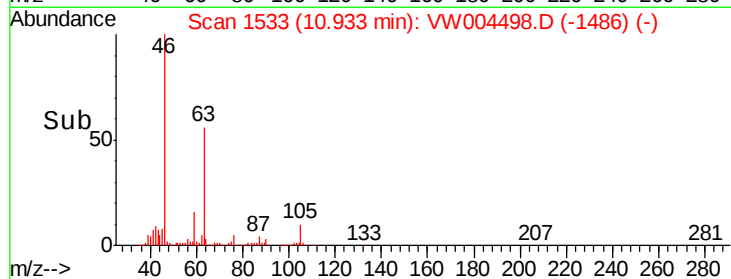
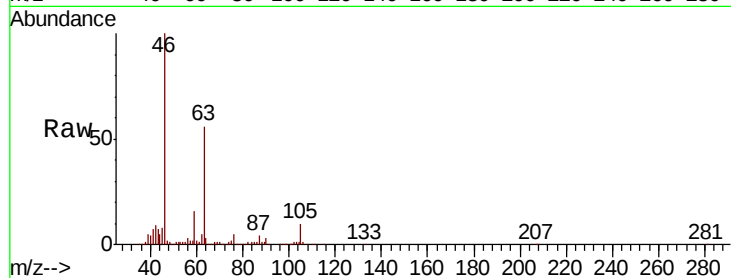
Ion Ratio Lower Upper

43 100

58 31.7 43.4 65.0#

57 38.9 15.0 22.6#

100 5.5 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): VW

