

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004685.D
 Acq On : 15 Aug 2018 01:11
 Operator : SY/AP
 Sample : VIBLK82
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 02:18:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:09:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	956625	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	945877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	456407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	370814	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
7) Chloroethane-d5	2.90	69	279212	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
10) 1,1-Dichloroethene-d2	4.01	63	504130	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	7.09	46	254860	61.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.88%
24) Chloroform-d	7.65	84	598496	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	341917	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	8.28	84	1269077	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	392173	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
37) Toluene-d8	10.33	98	1124852	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	150870	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.93	63	195863	59.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	395373	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	435289	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

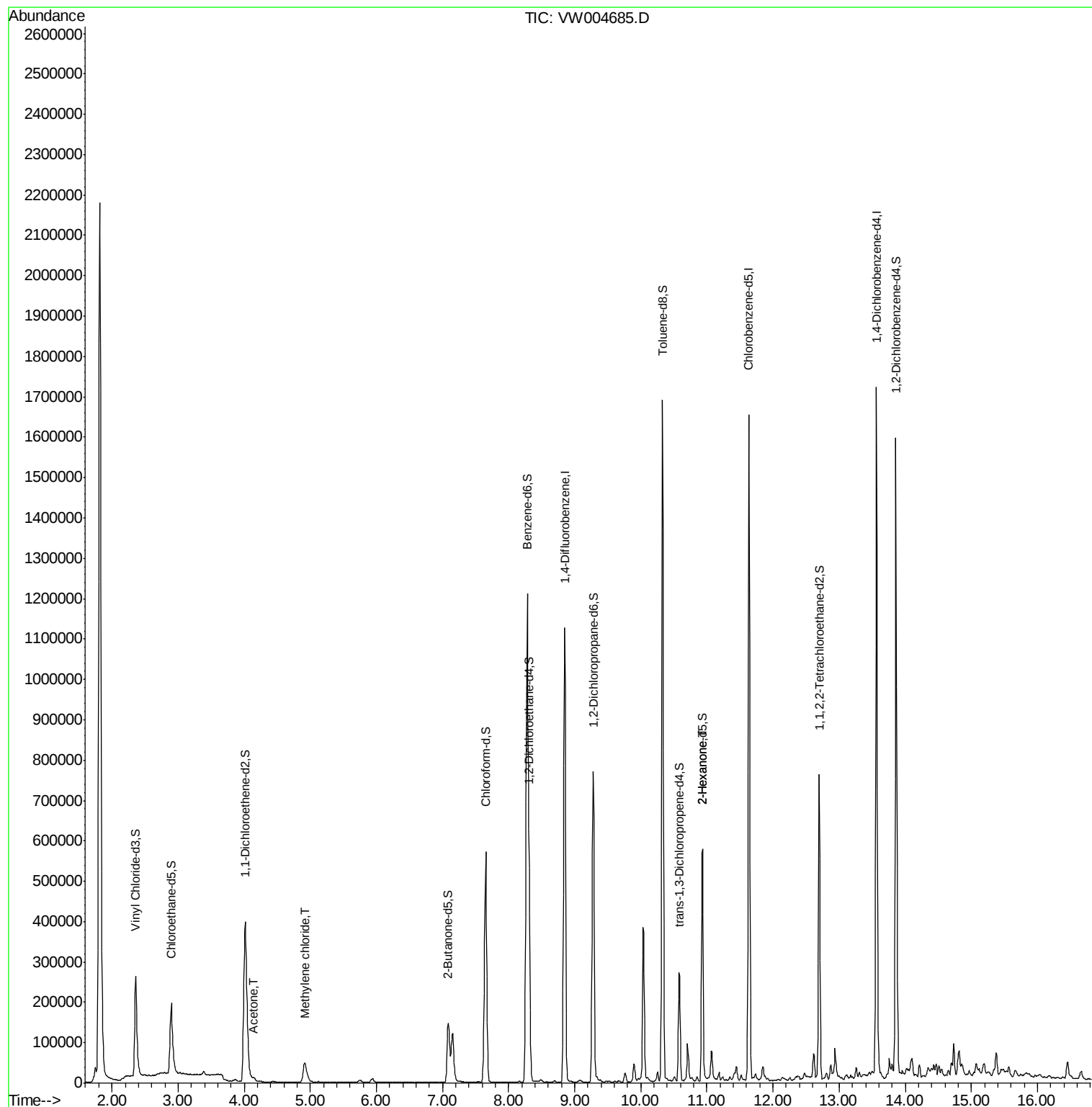
					Ovalue
13) Acetone	4.14	43	8179	2.167 ug/L	64
16) Methylene chloride	4.91	84	43506	2.277 ug/L	96
49) 2-Hexanone	10.93	43	26043	3.535 ug/L #	62

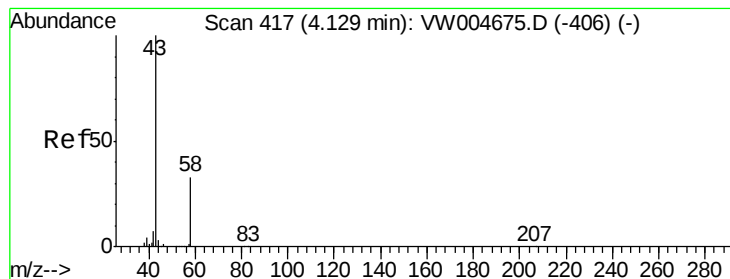
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.167 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004685.D

Acq: 15 Aug 2018 01:11

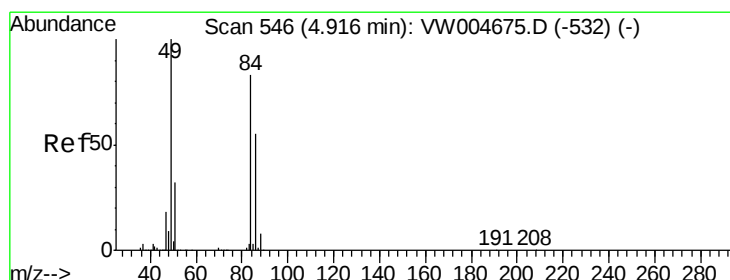
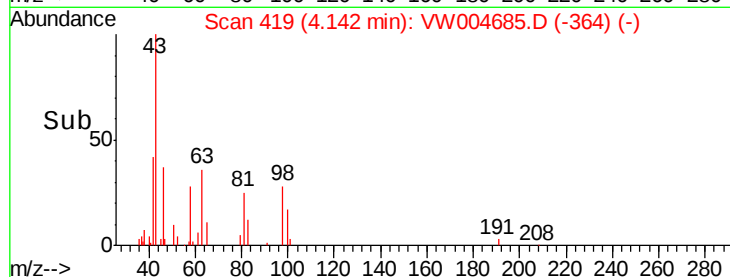
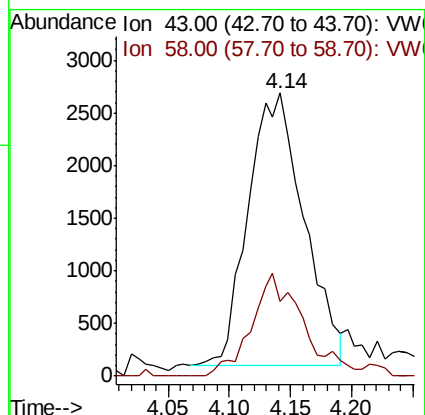
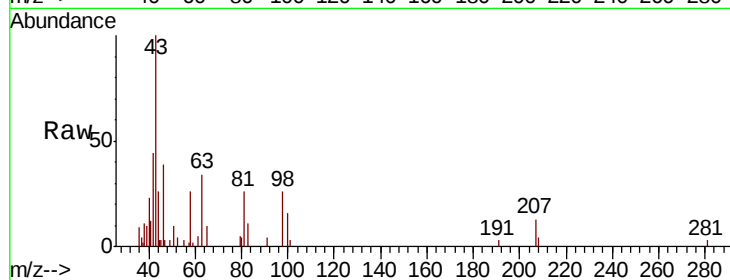
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 8179

Ion Ratio Lower Upper

43 100

58 14.1 0.0 69.4



#16

Methylene chloride

Concen: 2.277 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

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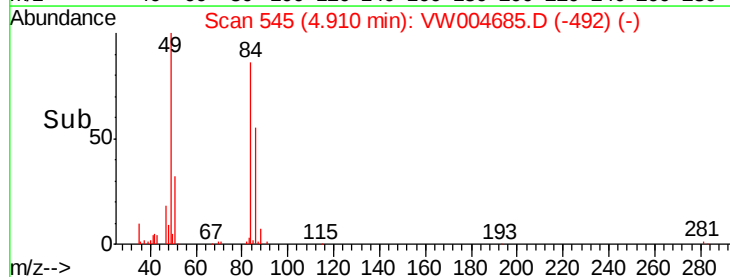
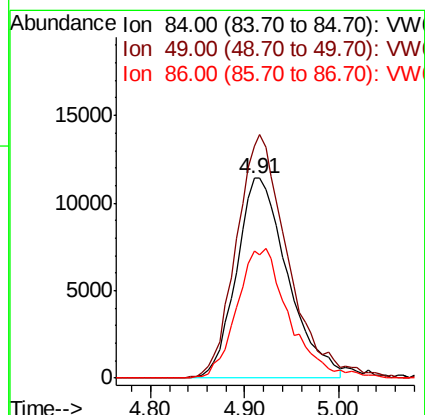
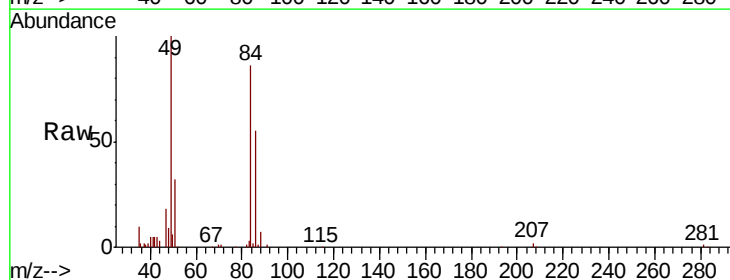
Tgt Ion: 84 Resp: 43506

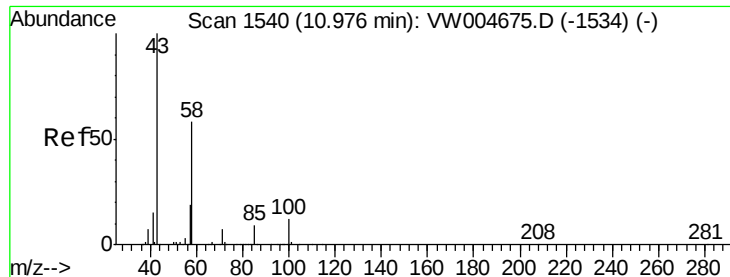
Ion Ratio Lower Upper

84 100

49 116.3 84.9 157.7

86 63.5 45.7 84.9





#49

2-Hexanone

Concen: 3.535 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

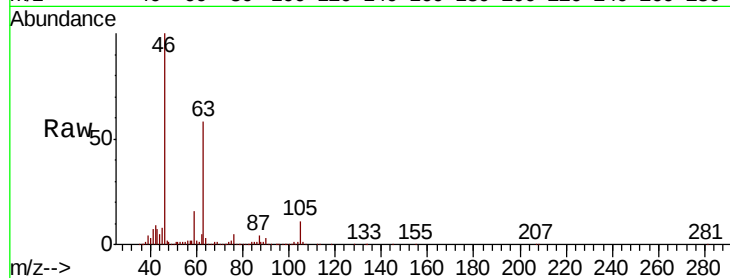
Lab File: VW004685.D

Acq: 15 Aug 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	26043
Ion	Ratio	Lower	Upper
43	100		
58	27.5	44.4	66.6#
57	38.9	14.8	22.2#
100	1.5	9.4	14.2#

