

Data File : VW004987.D
Acq On : 28 Aug 2018 15:58
Operator : SY/AP
Sample : J4650-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Quant Time: Aug 29 04:25:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 29 04:23:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	543084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	605345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	294786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	207595	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
7) Chloroethane-d5	2.89	69	165110	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	4.20	63	125	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	105148	50.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.66%
24) Chloroform-d	7.65	84	277794	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.31	65	168266	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.28	84	638368	20.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.00%
33) 1,2-Dichloropropane-d6	9.28	67	188465	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.33	98	683254	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.84%
38) trans-1,3-Dichloropropene-	10.59	79	78227	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.48%
39) 2-Hexanone-d5	10.93	63	104324	46.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	214459	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	294177	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

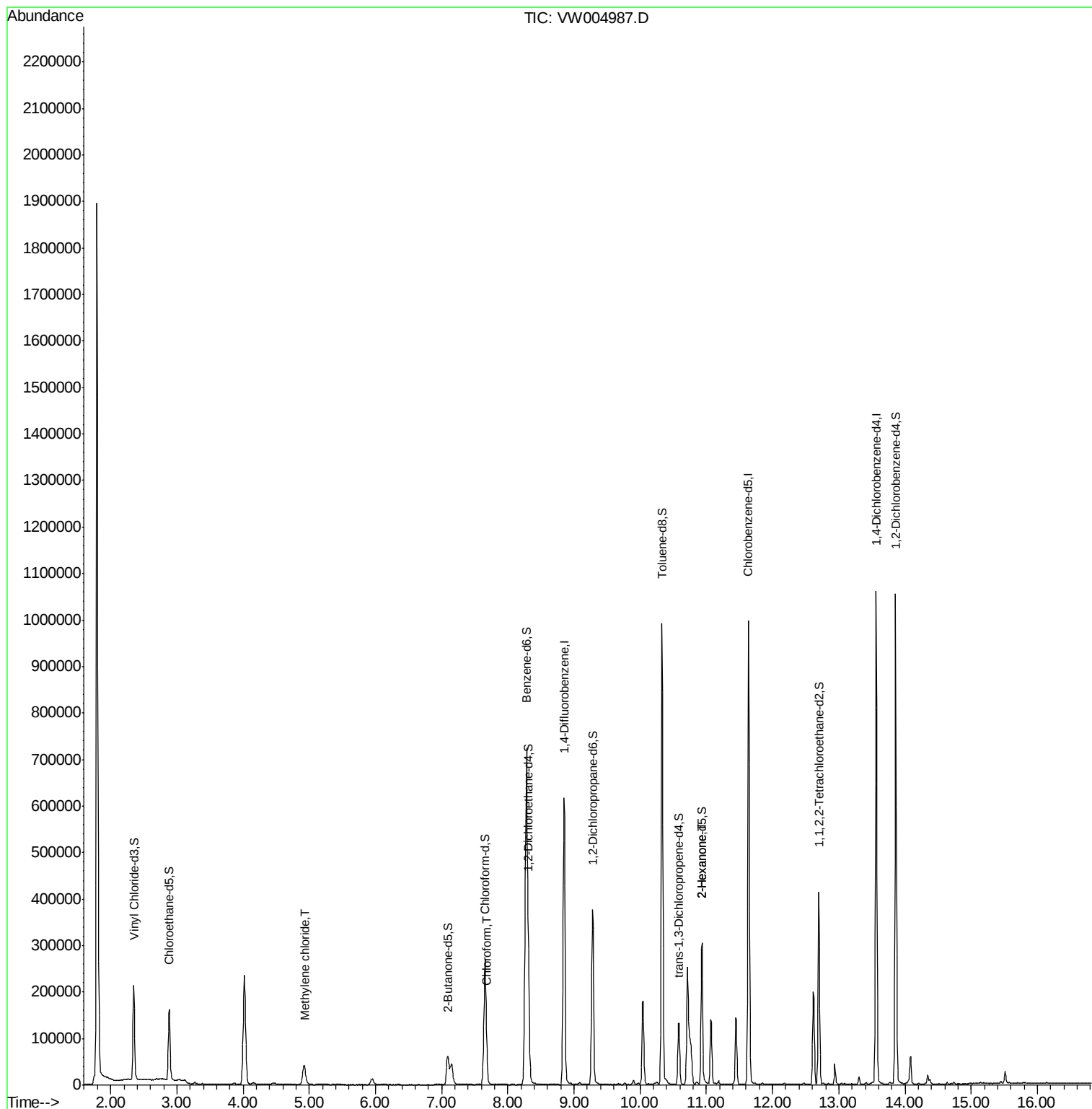
Target Compounds					Qvalue
16) Methylene chloride	4.93	84	34351	3.262 ug/L	100
25) Chloroform	7.68	83	24362	2.022 ug/L	88
49) 2-Hexanone	10.93	43	12532	2.587 ug/L #	68

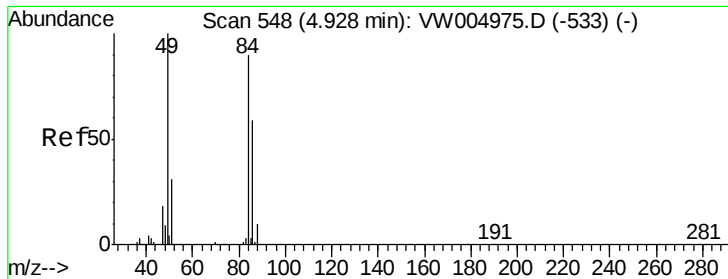
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW004987.D
Acq On : 28 Aug 2018 15:58
Operator : SY/AP
Sample : J4650-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Quant Time: Aug 29 04:25:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 29 04:23:47 2018
Response via : Initial Calibration

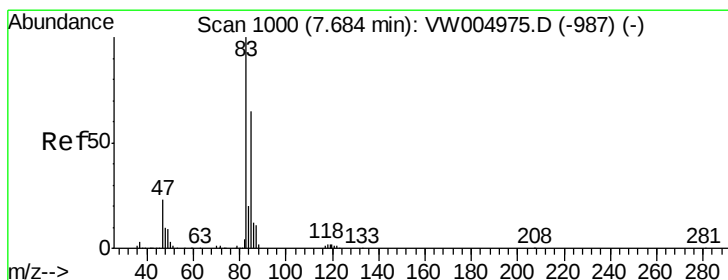
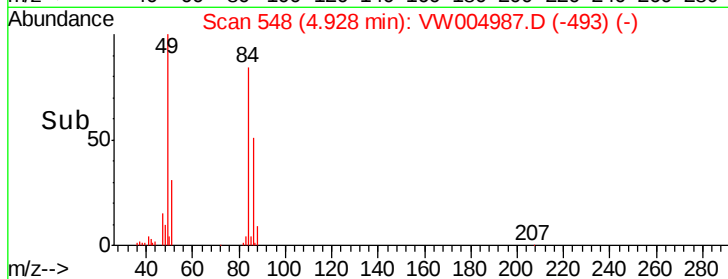
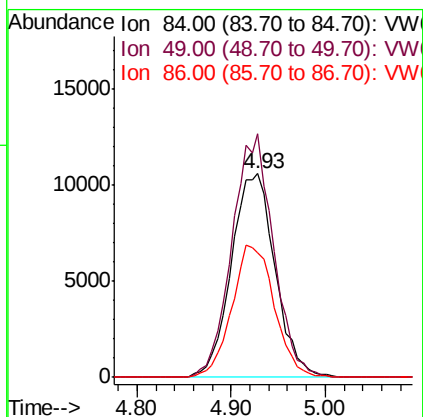
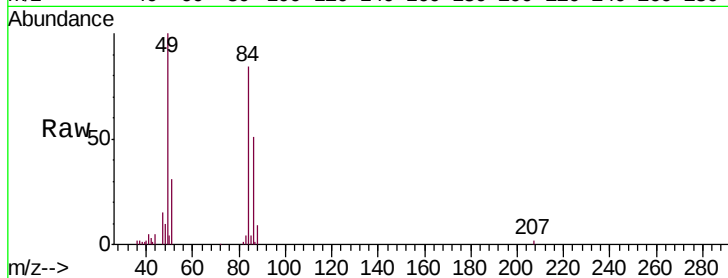




#16
Methylene chloride
Concen: 3.262 ug/L
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW004987.D
Acq: 28 Aug 2018 15:58

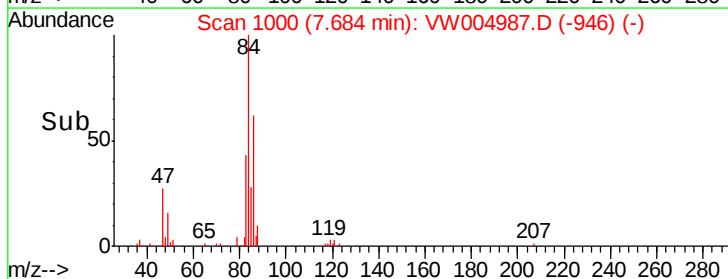
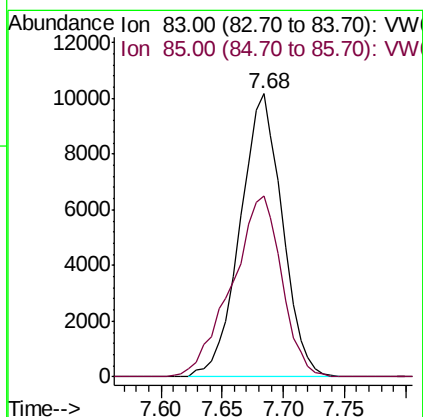
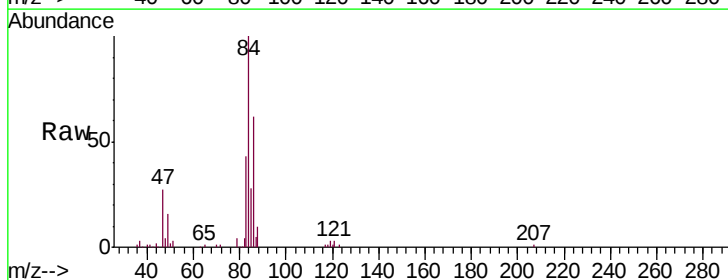
Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

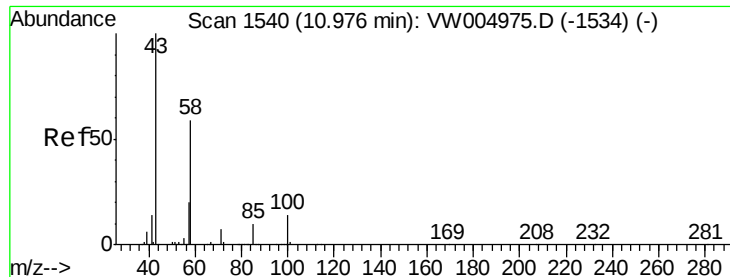
Tgt Ion: 84 Resp: 34351
Ion Ratio Lower Upper
84 100
49 119.6 83.8 155.6
86 61.3 42.6 79.0



#25
Chloroform
Concen: 2.022 ug/L
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW004987.D
Acq: 28 Aug 2018 15:58

Tgt Ion: 83 Resp: 24362
Ion Ratio Lower Upper
83 100
85 75.8 46.3 85.9





#49

2-Hexanone

Concen: 2.587 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004987.D

Acq: 28 Aug 2018 15:58

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tgt Ion: 43 Resp: 12532

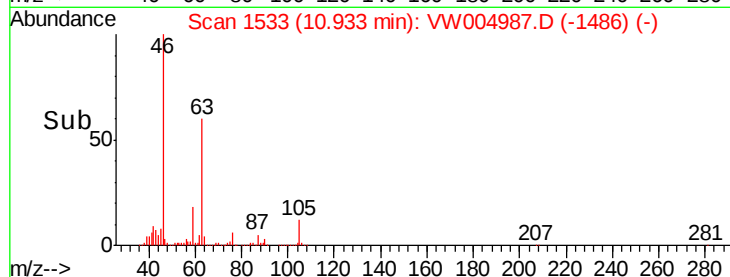
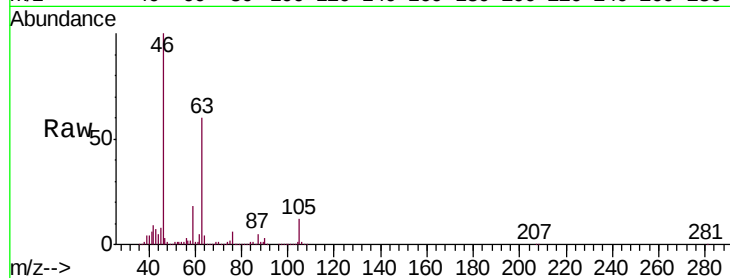
Ion Ratio Lower Upper

43 100

58 32.8 44.6 67.0#

57 38.1 15.4 23.2#

100 3.9 9.6 14.4#



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

