

Data File : VW008962.D
Acq On : 04 Mar 2019 12:54
Operator : SY/VA
Sample : K1601-10
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Mar 05 05:40:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 05:37:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	414806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147450	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
7) Chloroethane-d5	2.88	69	140068	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.01	63	186017	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.08	46	95394	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	206921	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	8.31	65	151266	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	8.27	84	488266	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.27	67	146613	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	10.32	98	496142	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloropropene-	10.58	79	70778	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.44%
39) 2-Hexanone-d5	10.93	63	78520	47.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147324	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	208780	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

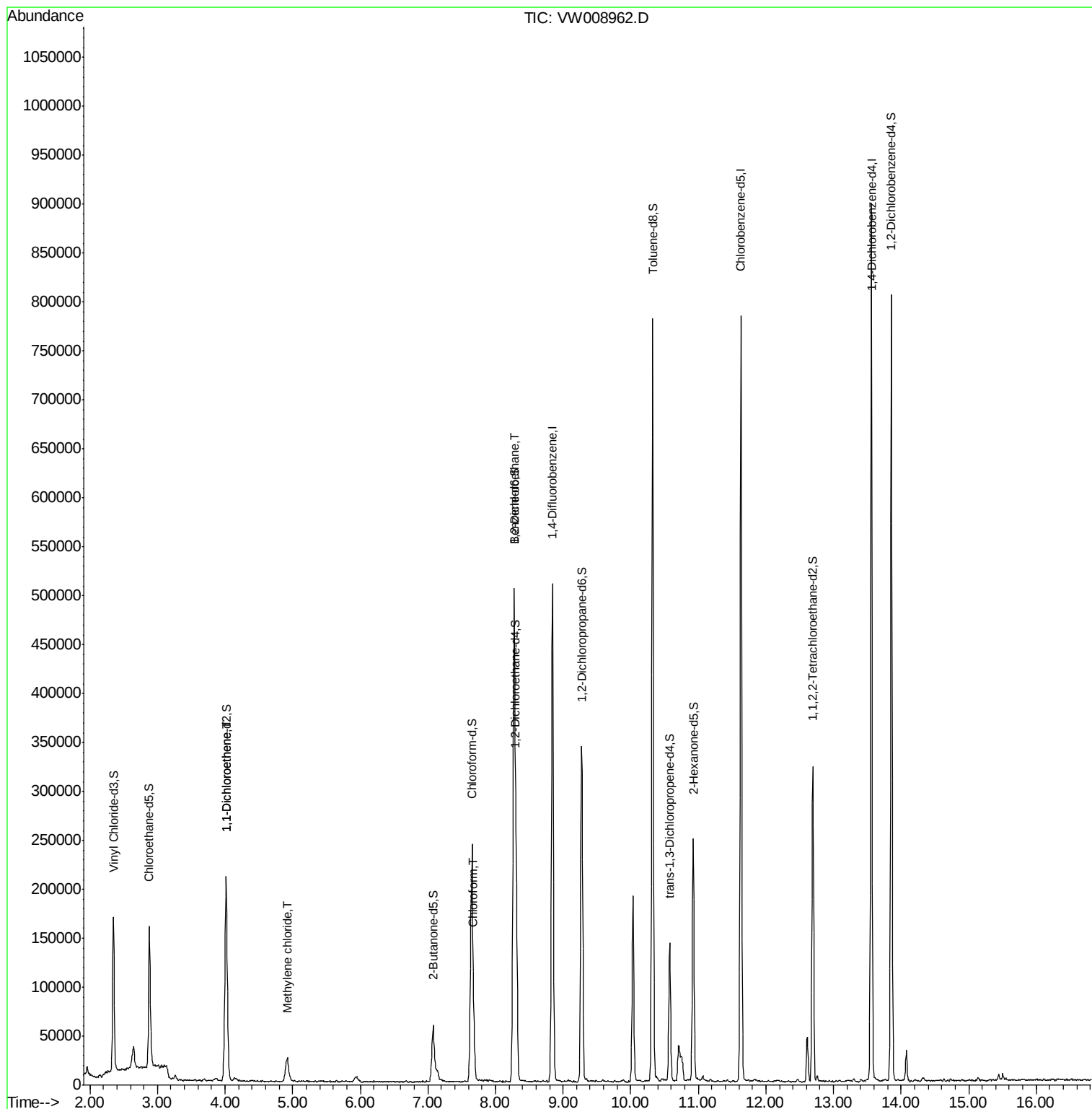
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.01	96	2014	0.389 ug/L	# 1
16) Methylene chloride	4.92	84	17985	2.681 ug/L	85
25) Chloroform	7.68	83	35370	3.474 ug/L	91
27) 1,2-Dichloroethane	8.27	62	2913	0.393 ug/L	97

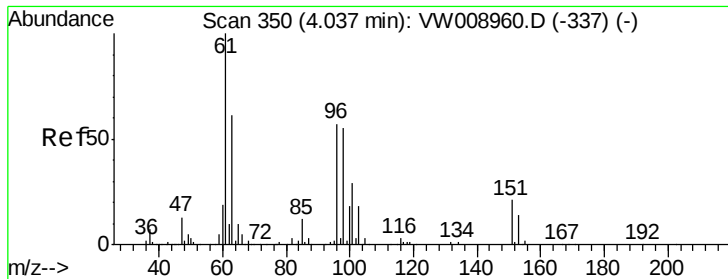
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.389 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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ClientSampleId :

VHBLK01

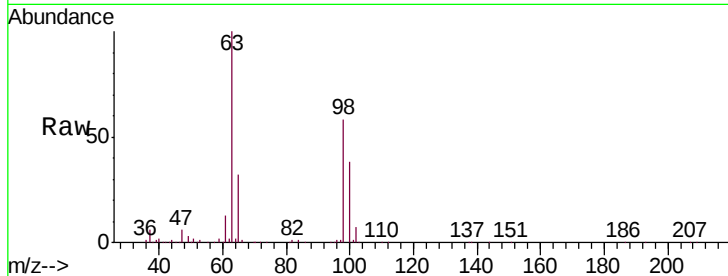
Tgt Ion: 96 Resp: 2014

Ion Ratio Lower Upper

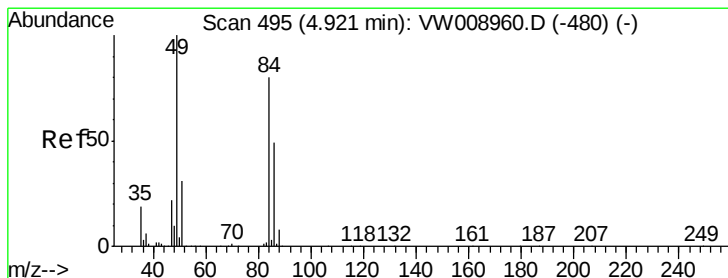
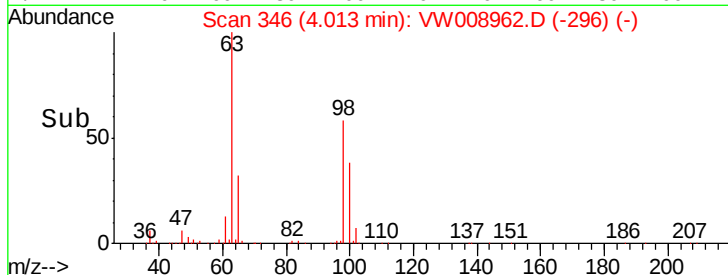
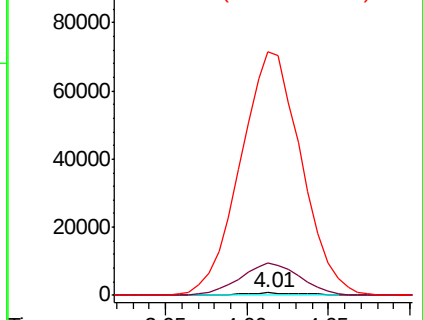
96 100

61 1316.4 120.3 223.3#

63 9939.4 91.6 170.0#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#16

Methylene chloride

Concen: 2.681 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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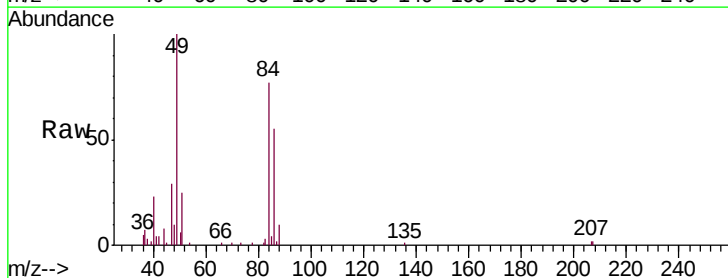
Tgt Ion: 84 Resp: 17985

Ion Ratio Lower Upper

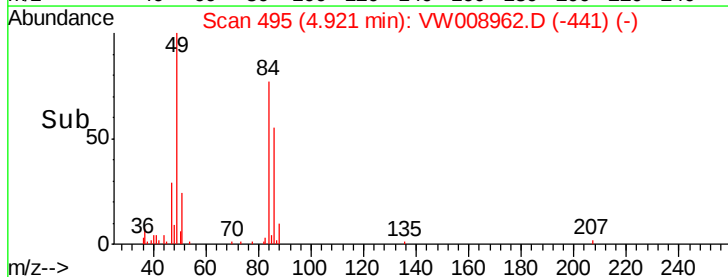
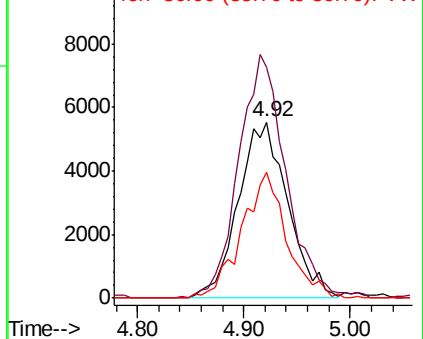
84 100

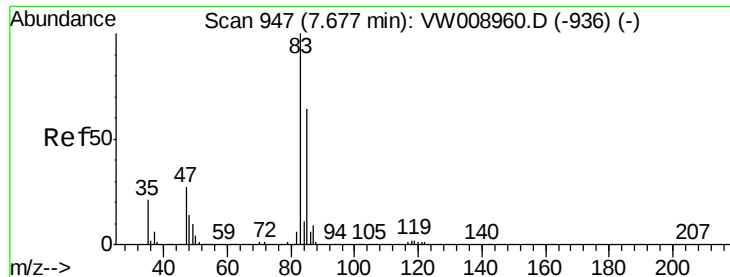
49 130.6 79.2 147.0

86 71.7 43.2 80.2



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





#25

Chloroform

Concen: 3.474 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

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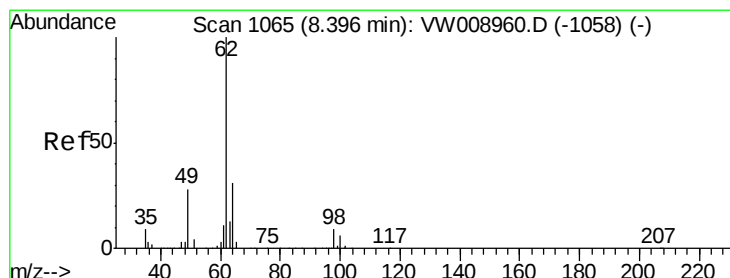
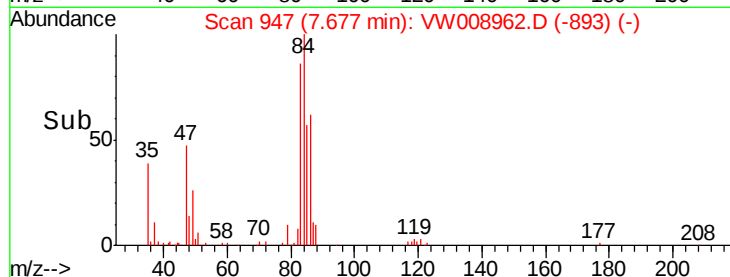
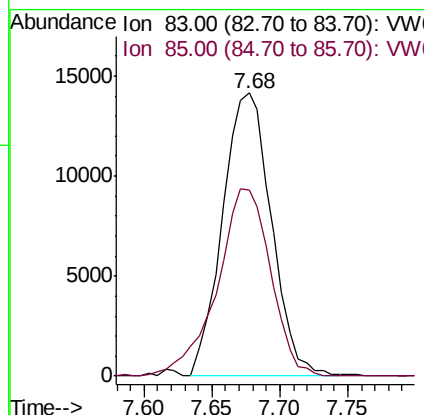
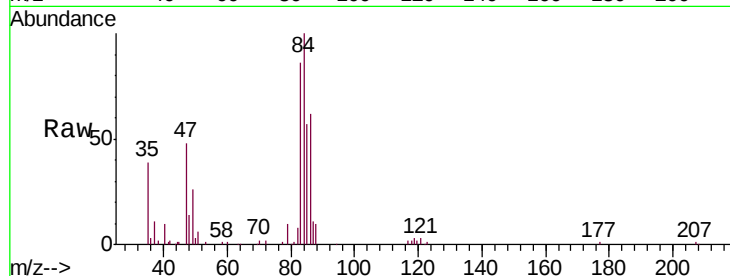
VHBLK01

Tgt Ion: 83 Resp: 35370

Ion Ratio Lower Upper

83 100

85 72.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.393 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW008962.D

Acq: 04 Mar 2019 12:54

Tgt Ion: 62 Resp: 2913

Ion Ratio Lower Upper

62 100

98 5.7 5.4 8.2

