

Data File : VW008923.D
Acq On : 01 Mar 2019 15:10
Operator : SY/VA
Sample : K1657-06
Misc : 4.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB650

Quant Time: Mar 02 02:58:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	239221	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	65602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108630	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.88	69	105591	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.02	63	136440	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.08	46	52896	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.65	84	188043	24.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	8.49	65	91	0.02	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	368964	32.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.52%
33) 1,2-Dichloropropane-d6	9.27	67	111365	33.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.40%#
37) Toluene-d8	10.32	98	325120	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.08%
38) trans-1,3-Dichloropropene-	10.58	79	31872	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.93	63	30186	32.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72117	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	56734	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds					Qvalue
13) Acetone	4.13	43	18040	13.065	ug/L 99
16) Methylene chloride	4.92	84	12562	2.476	ug/L 85
27) 1,2-Dichloroethane	8.28	62	2430	0.434	ug/L 99
42) cis-1,3-Dichloropropene	10.04	75	2806	0.540	ug/L 99

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

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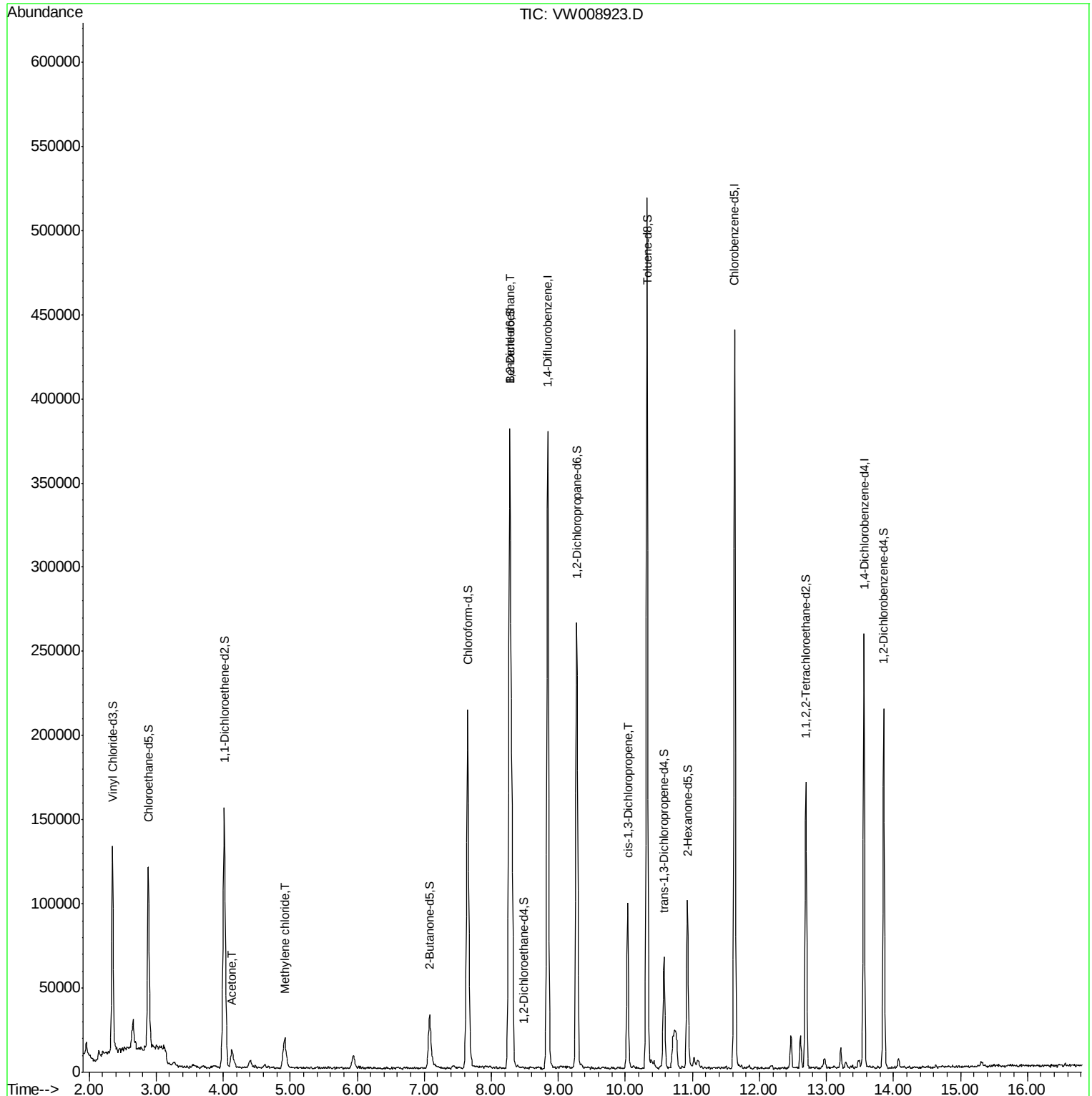
Quant Time: Mar 02 02:58:56 2019

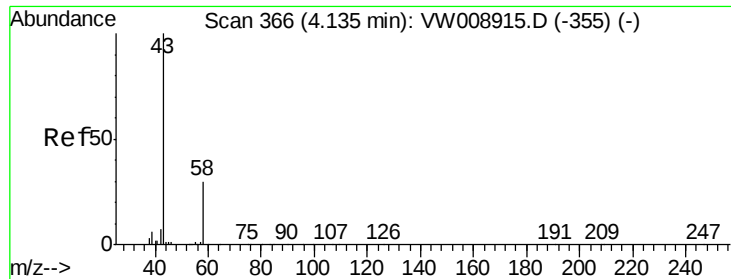
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM022019S.M

Quant Title : VOC Analysis

QLast Update : Sat Mar 02 02:55:16 2019

Response via : Initial Calibration





#13

Acetone

Concen: 13.065 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

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Acq: 01 Mar 2019 15:10

Instrument :

MSVOA_W

ClientSampled :

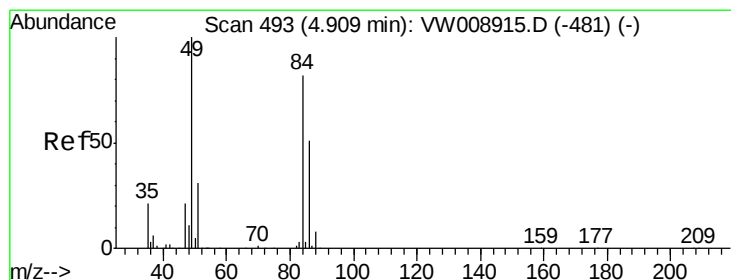
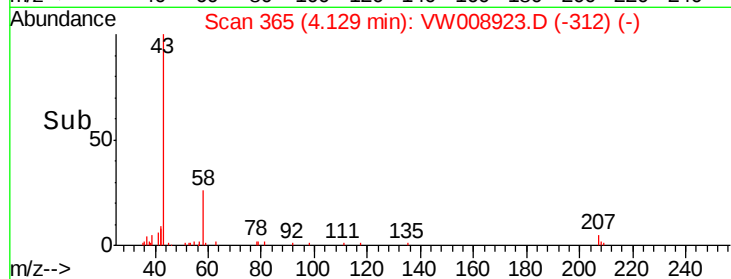
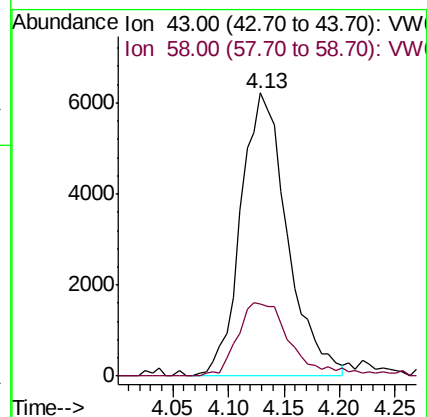
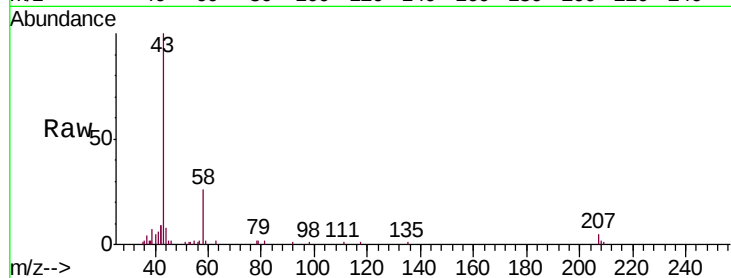
DB650

Tgt Ion: 43 Resp: 18040

Ion Ratio Lower Upper

43 100

58 29.0 0.0 58.6



#16

Methylene chloride

Concen: 2.476 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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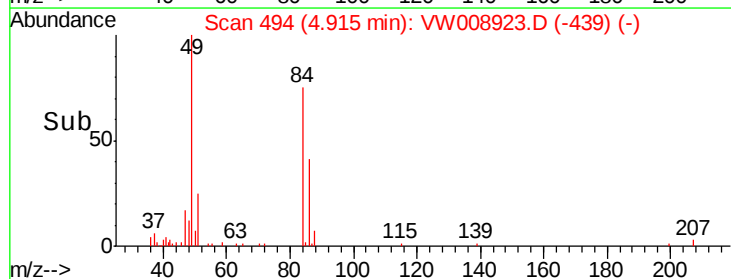
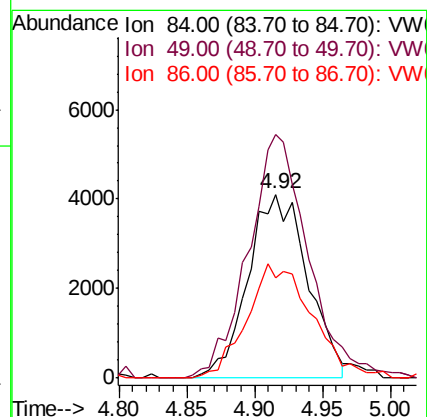
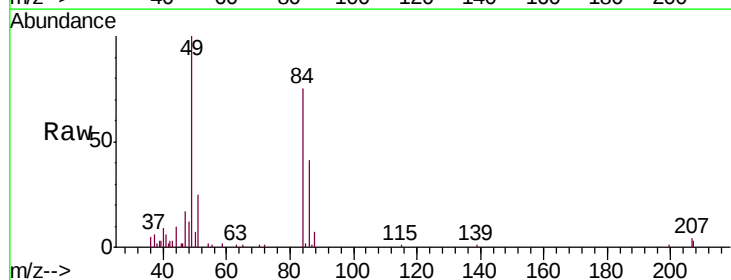
Tgt Ion: 84 Resp: 12562

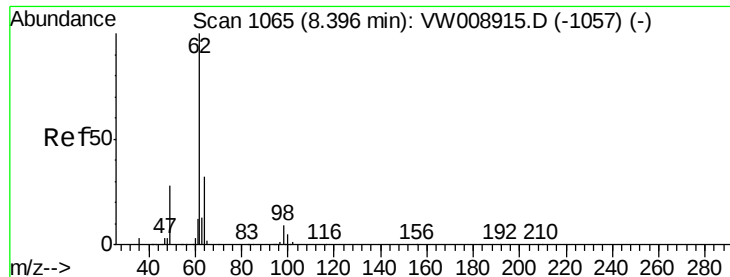
Ion Ratio Lower Upper

84 100

49 132.5 79.2 147.0

86 54.9 43.2 80.2





#27

1,2-Dichloroethane

Concen: 0.434 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

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ClientSampleId :

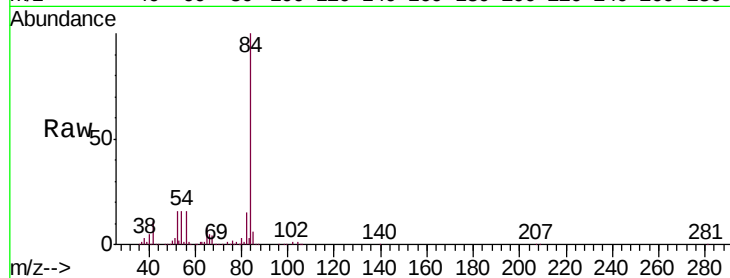
DB650

Tgt Ion: 62 Resp: 2430

Ion Ratio Lower Upper

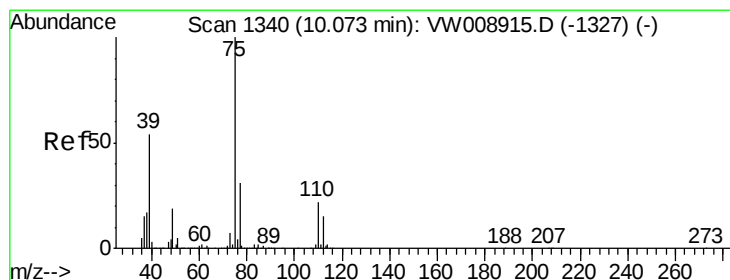
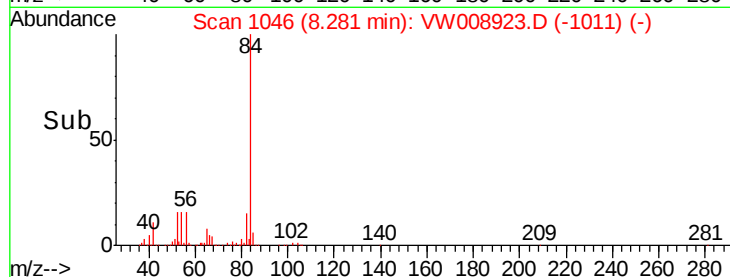
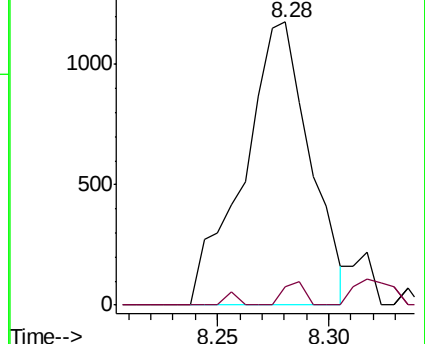
62 100

98 6.4 5.4 8.2



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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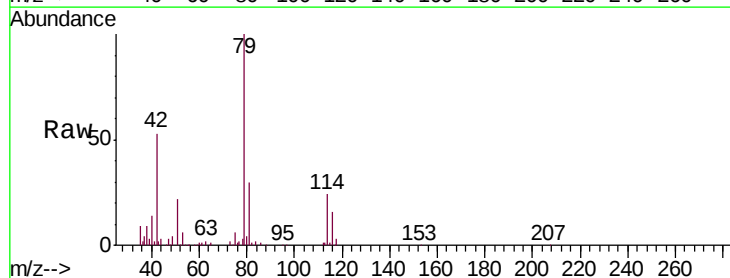
Acq: 01 Mar 2019 15:10

Tgt Ion: 75 Resp: 2806

Ion Ratio Lower Upper

75 100

77 33.7 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

