

Data File : VW009656.D
Acq On : 02 Apr 2019 16:40
Operator : SY/VA
Sample : K2168-05
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF646

Quant Time: Apr 03 04:12:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	432403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101862	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.89	69	99155	16.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.60%
10) 1,1-Dichloroethene-d2	4.01	63	167342	14.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.92%
20) 2-Butanone-d5	7.07	46	68310	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
24) Chloroform-d	7.64	84	243143	20.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	8.30	65	142960	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.44%
29) Benzene-d6	8.27	84	426159	18.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.28%
33) 1,2-Dichloropropane-d6	9.27	67	135570	19.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.68%
37) Toluene-d8	10.32	98	369594	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.68%
38) trans-1,3-Dichloropropene-	10.58	79	55146	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.72%
39) 2-Hexanone-d5	10.93	63	40981	24.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118043	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	137102	20.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.00%

Target Compounds

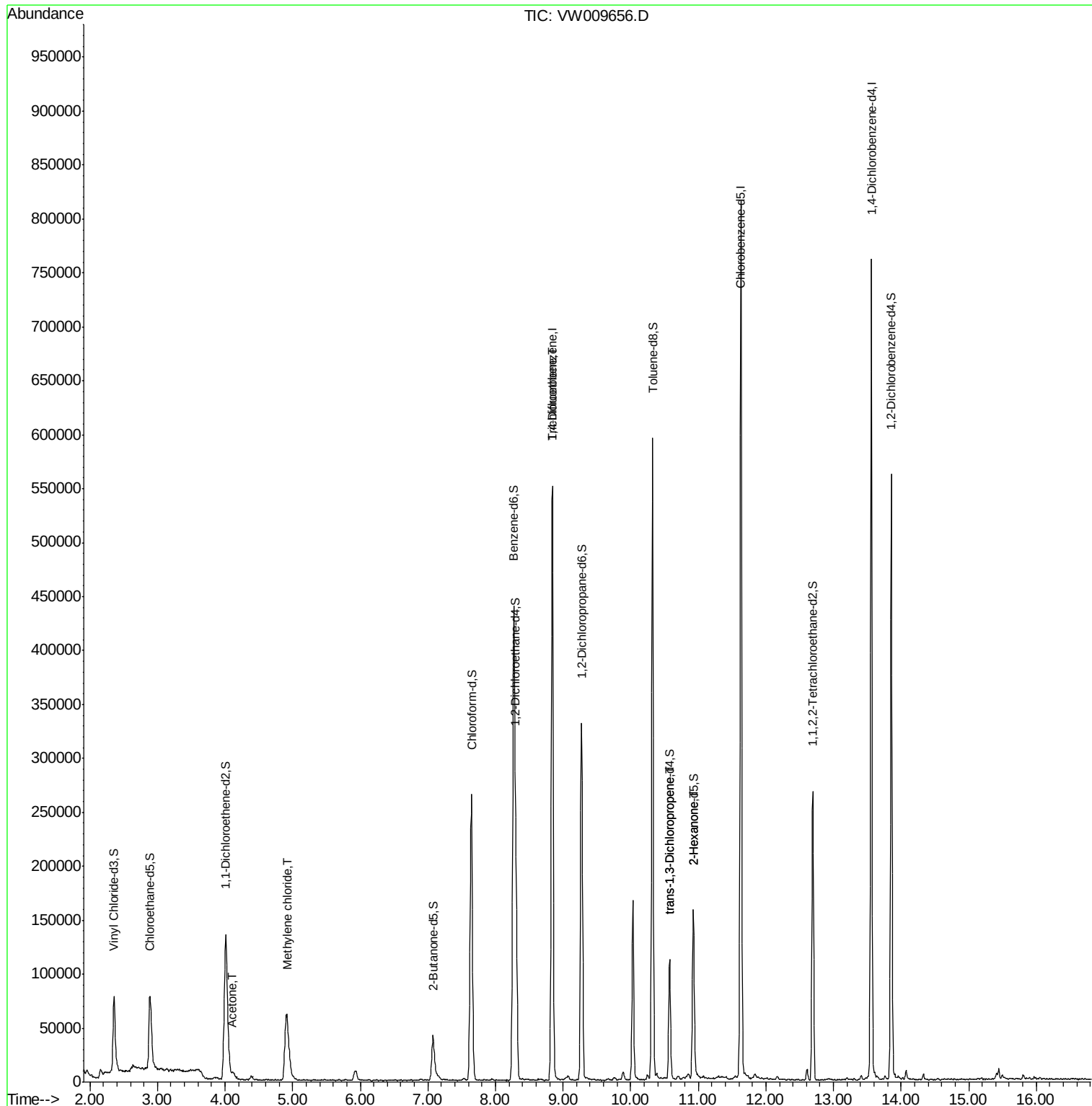
					Qvalue
13) Acetone	4.11	43	3972	2.267 ug/L	60
16) Methylene chloride	4.92	84	55176	8.750 ug/L	94
35) Trichloroethene	8.84	95	13733	2.263 ug/L #	4
45) trans-1,3-Dichloropropene	10.57	75	3077	0.372 ug/L #	71
49) 2-Hexanone	10.92	43	8189	2.196 ug/L #	91

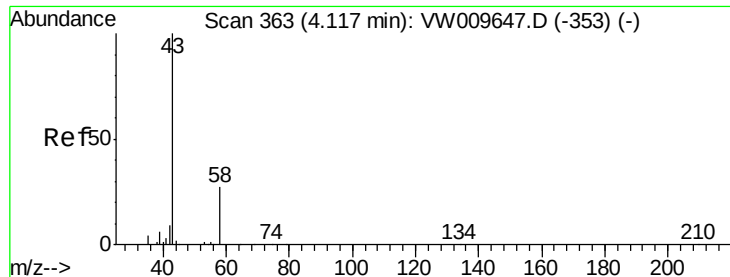
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.267 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Acq: 02 Apr 2019 16:40

Instrument :

MSVOA_W

ClientSampled :

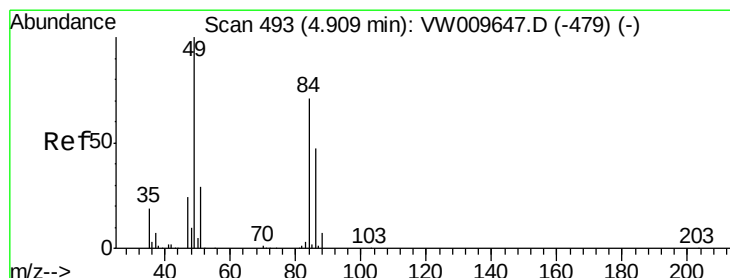
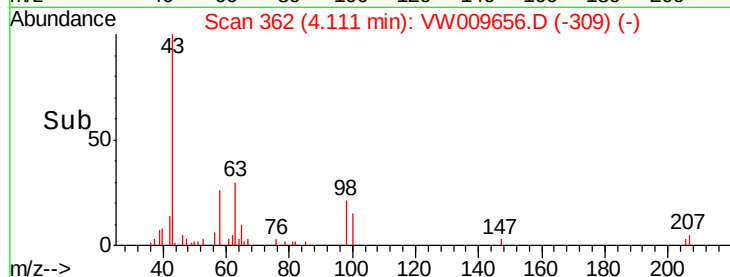
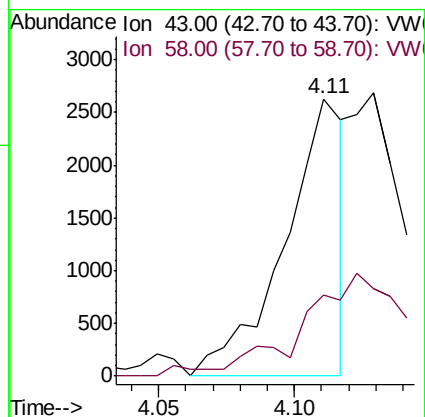
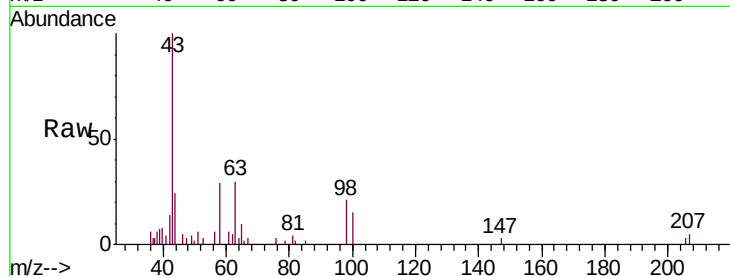
BF646

Tgt Ion: 43 Resp: 3972

Ion Ratio Lower Upper

43 100

58 48.9 0.0 56.2



#16

Methylene chloride

Concen: 8.750 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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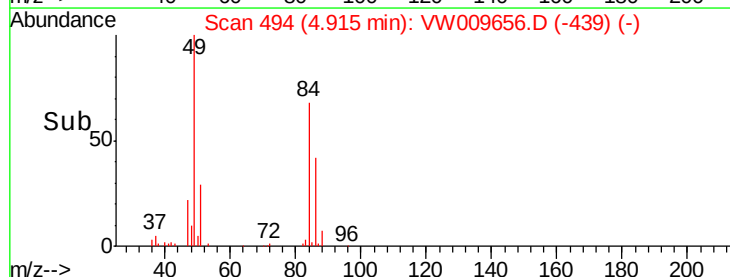
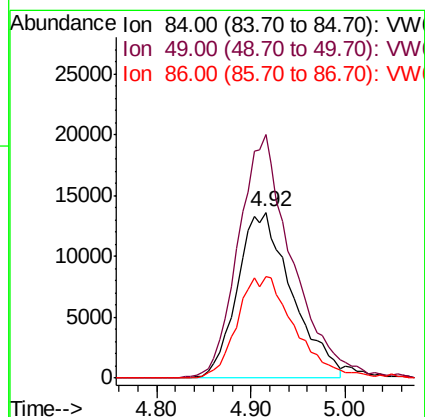
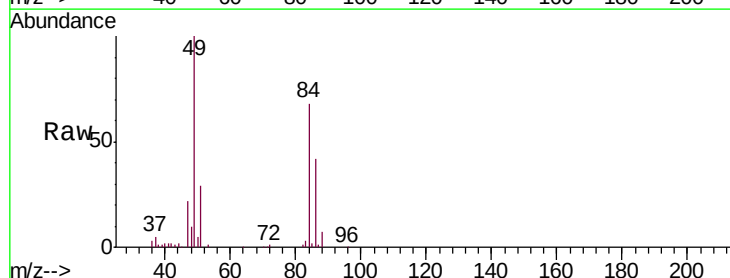
Tgt Ion: 84 Resp: 55176

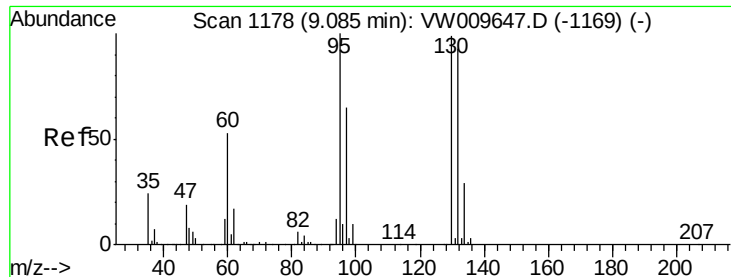
Ion Ratio Lower Upper

84 100

49 146.6 96.0 178.2

86 61.1 44.4 82.5





#35

Trichloroethene

Concen: 2.263 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW009656.D

Acq: 02 Apr 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

BF646

Tgt Ion: 95 Resp: 13733

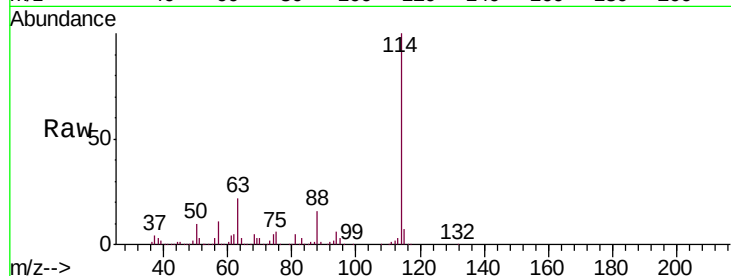
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.4 69.0 128.2#

130 0.0 72.7 134.9#

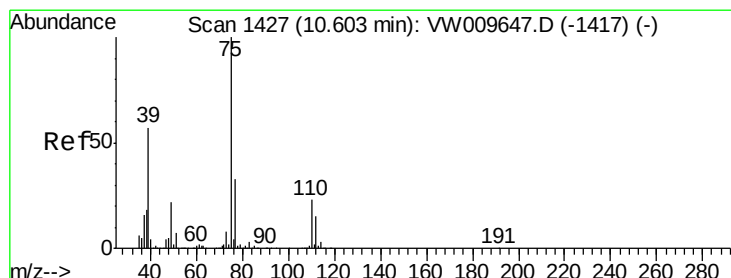
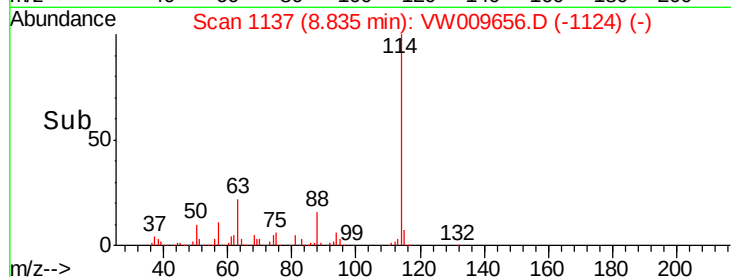
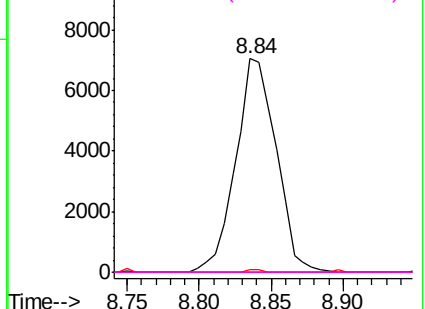


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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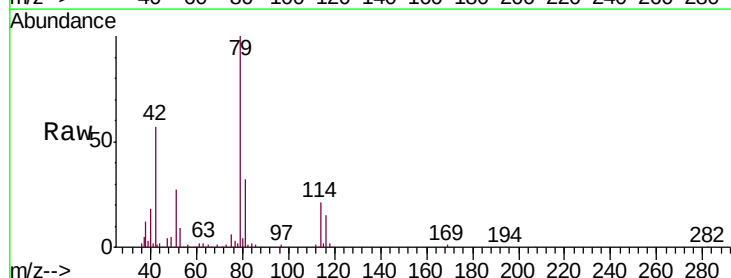
Acq: 02 Apr 2019 16:40

Tgt Ion: 75 Resp: 3077

Ion Ratio Lower Upper

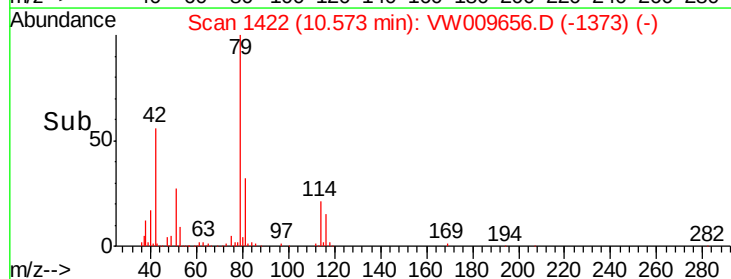
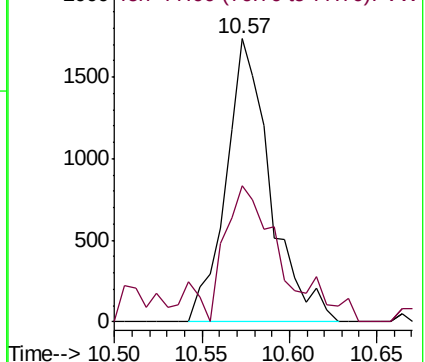
75 100

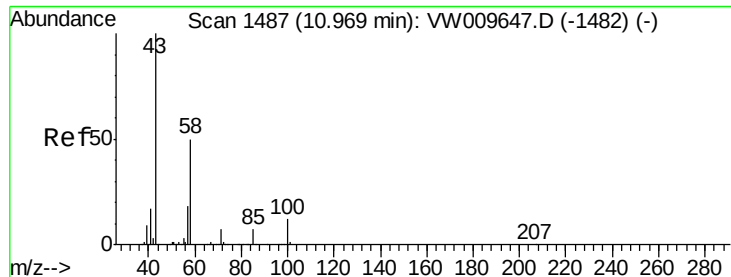
77 48.1 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.196 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009656.D

Acq: 02 Apr 2019 16:40

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 8189

Ion Ratio Lower Upper

43 100

58 47.6 39.2 58.8

57 27.1 14.2 21.2#

100 3.8 8.9 13.3#

