

Data File : VW006372.D
Acq On : 25 Oct 2018 19:15
Operator : SY/AP
Sample : J5657-19
Misc : 5.72G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40F3

Quant Time: Oct 26 04:11:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	195705	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71512	15.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.92%
7) Chloroethane-d5	2.89	69	74153	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.80%
10) 1,1-Dichloroethene-d2	4.01	63	117201	13.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.68%
20) 2-Butanone-d5	7.09	46	59866	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.65	84	188845	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.31	65	112086	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.28	84	369495	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.28	67	111951	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
37) Toluene-d8	10.33	98	354673	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.04%
38) trans-1,3-Dichloropropene-	10.58	79	46086	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.56%
39) 2-Hexanone-d5	10.93	63	52002	41.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	111286	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	156267	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

Target Compounds

					Qvalue
13) Acetone	4.14	43	13908	9.135 ug/L	99
35) Trichloroethene	8.85	95	11634	2.141 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13018	2.717 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3494	0.446 ug/L #	74
59) 1,2,3-Trichloropropane	13.56	75	20017	5.174 ug/L	90

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

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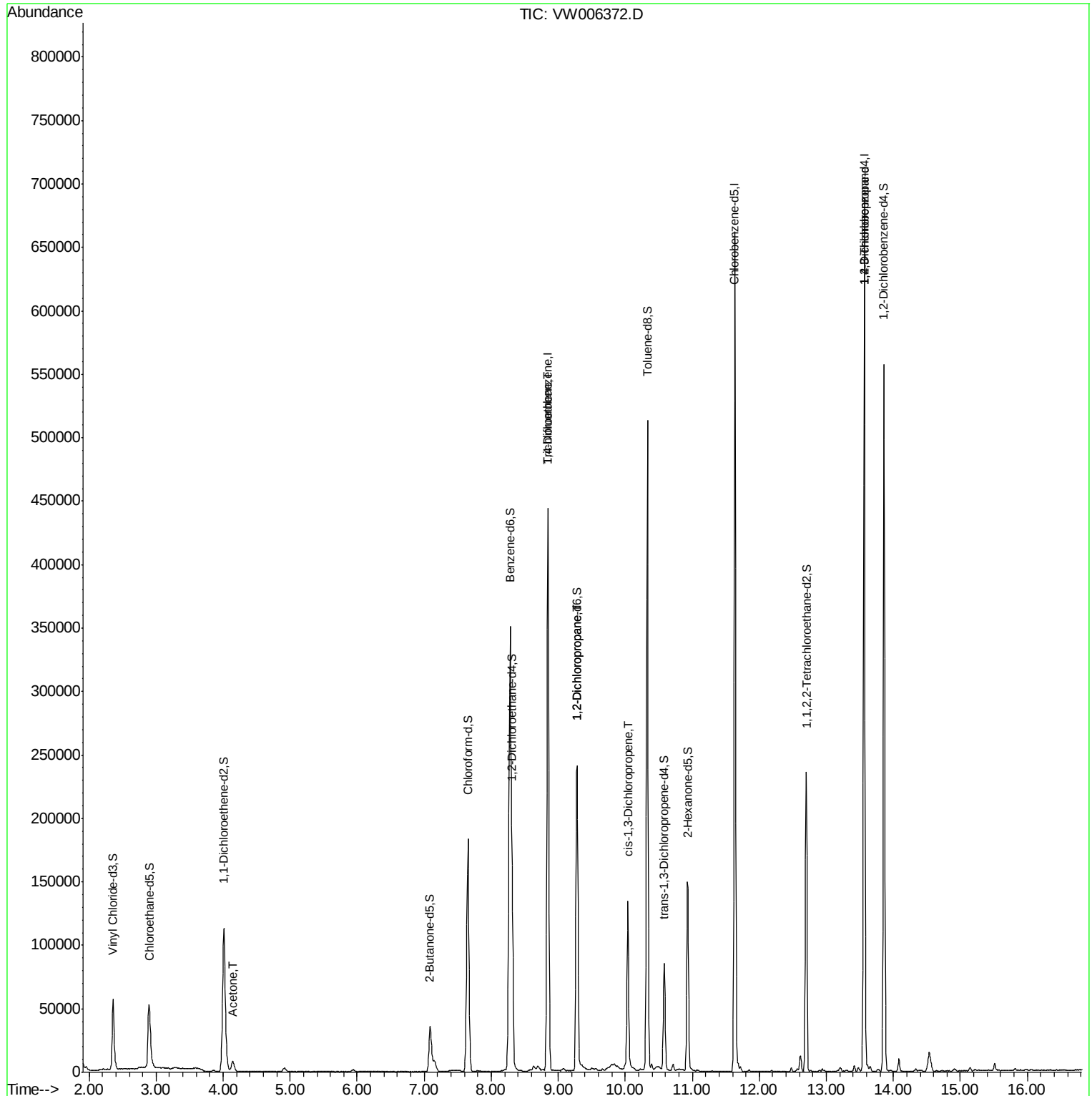
Quant Time: Oct 26 04:11:00 2018

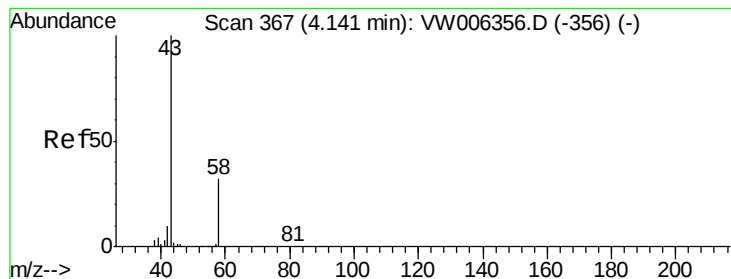
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM100918S.M

Quant Title : VOC Analysis

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#13

Acetone

Concen: 9.135 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

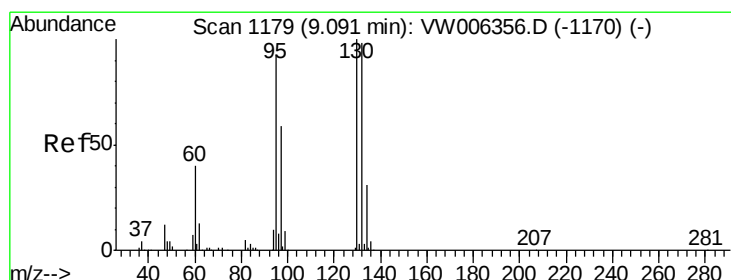
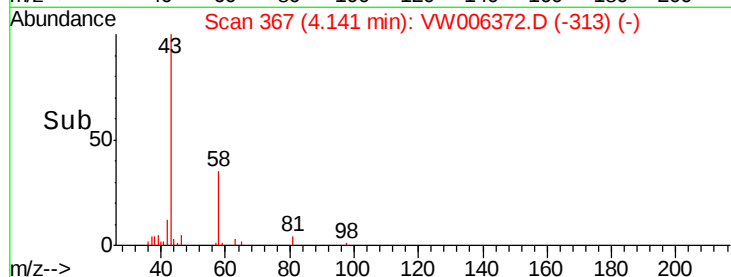
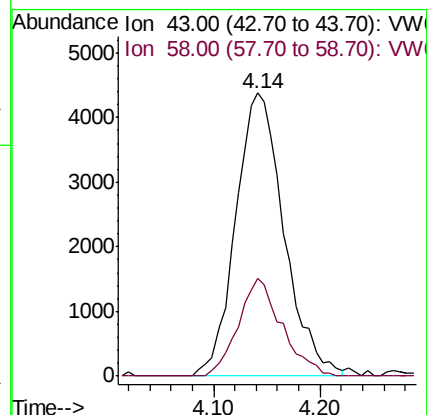
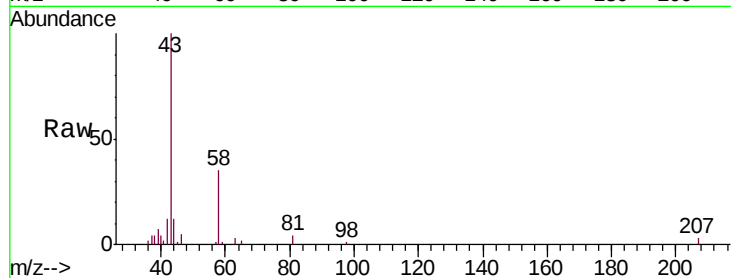
A40F3

Tgt Ion: 43 Resp: 13908

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.2



#35

Trichloroethene

Concen: 2.141 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 11634

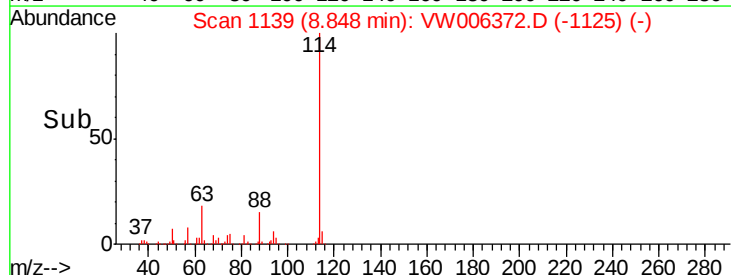
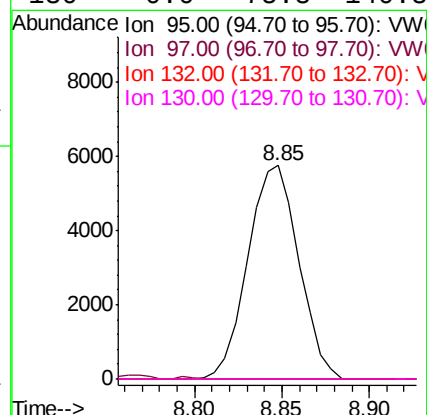
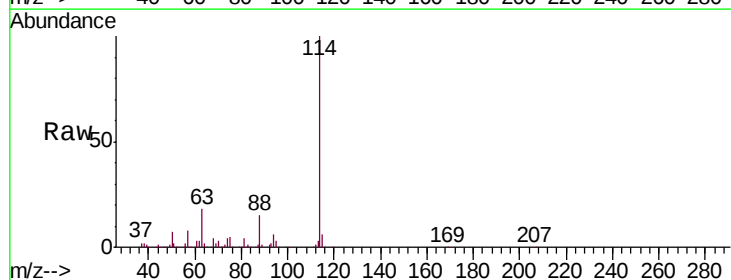
Ion Ratio Lower Upper

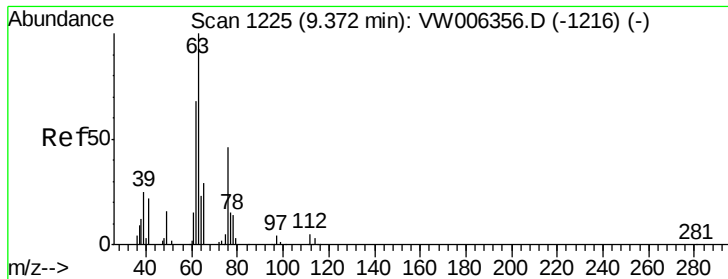
95 100

97 0.4 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#





#40

1,2-Dichloropropane

Concen: 2.717 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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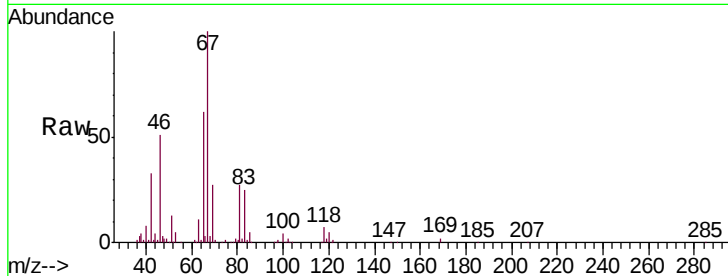
A40F3

Tgt Ion: 63 Resp: 13018

Ion Ratio Lower Upper

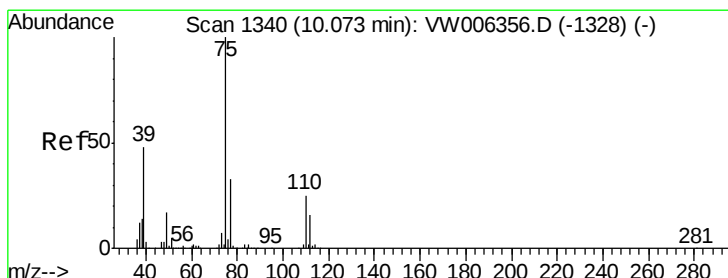
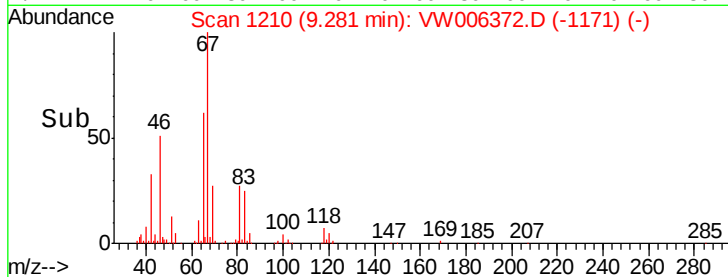
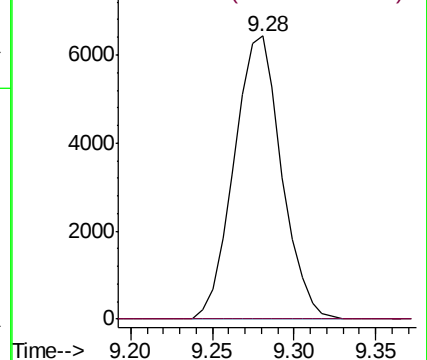
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006372.D

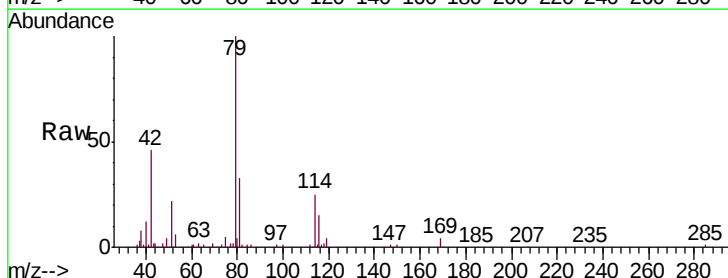
Acq: 25 Oct 2018 19:15

Tgt Ion: 75 Resp: 3494

Ion Ratio Lower Upper

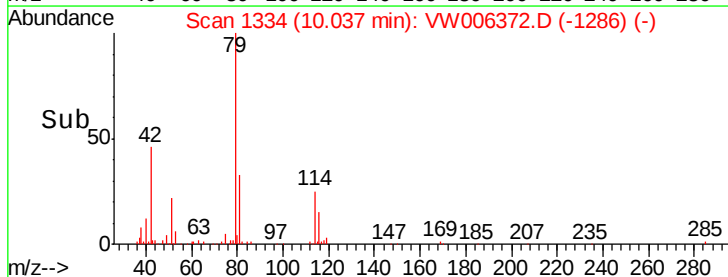
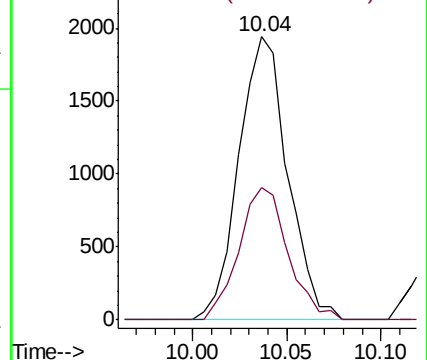
75 100

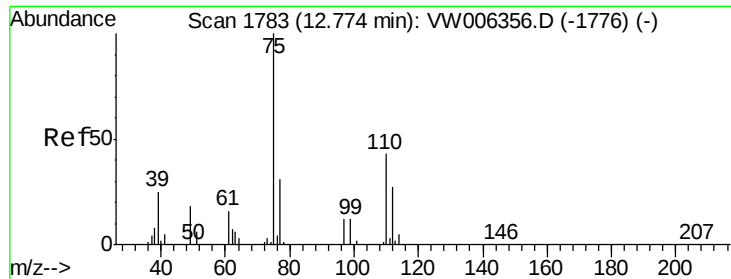
77 46.7 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.174 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Acq: 25 Oct 2018 19:15

Instrument :

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ClientSampleId :

A40F3

Tgt Ion: 75 Resp: 20017

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9

