

Data File : VW006373.D
Acq On : 25 Oct 2018 19:41
Operator : SY/AP
Sample : VIBLK86
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK86

Quant Time: Oct 26 04:11:08 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	362883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	183067	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60393	14.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.04%
7) Chloroethane-d5	2.90	69	62012	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
10) 1,1-Dichloroethene-d2	4.01	63	97284	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.09	46	51557	38.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.02%
24) Chloroform-d	7.65	84	147766	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	8.31	65	86067	19.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.16%
29) Benzene-d6	8.28	84	293071	19.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.24%
33) 1,2-Dichloropropane-d6	9.28	67	86939	18.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.92%
37) Toluene-d8	10.33	98	283796	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.84%
38) trans-1,3-Dichloropropene-	10.58	79	34184	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.64%
39) 2-Hexanone-d5	10.93	63	42757	38.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90103	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	127564	20.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.32%

Target Compounds

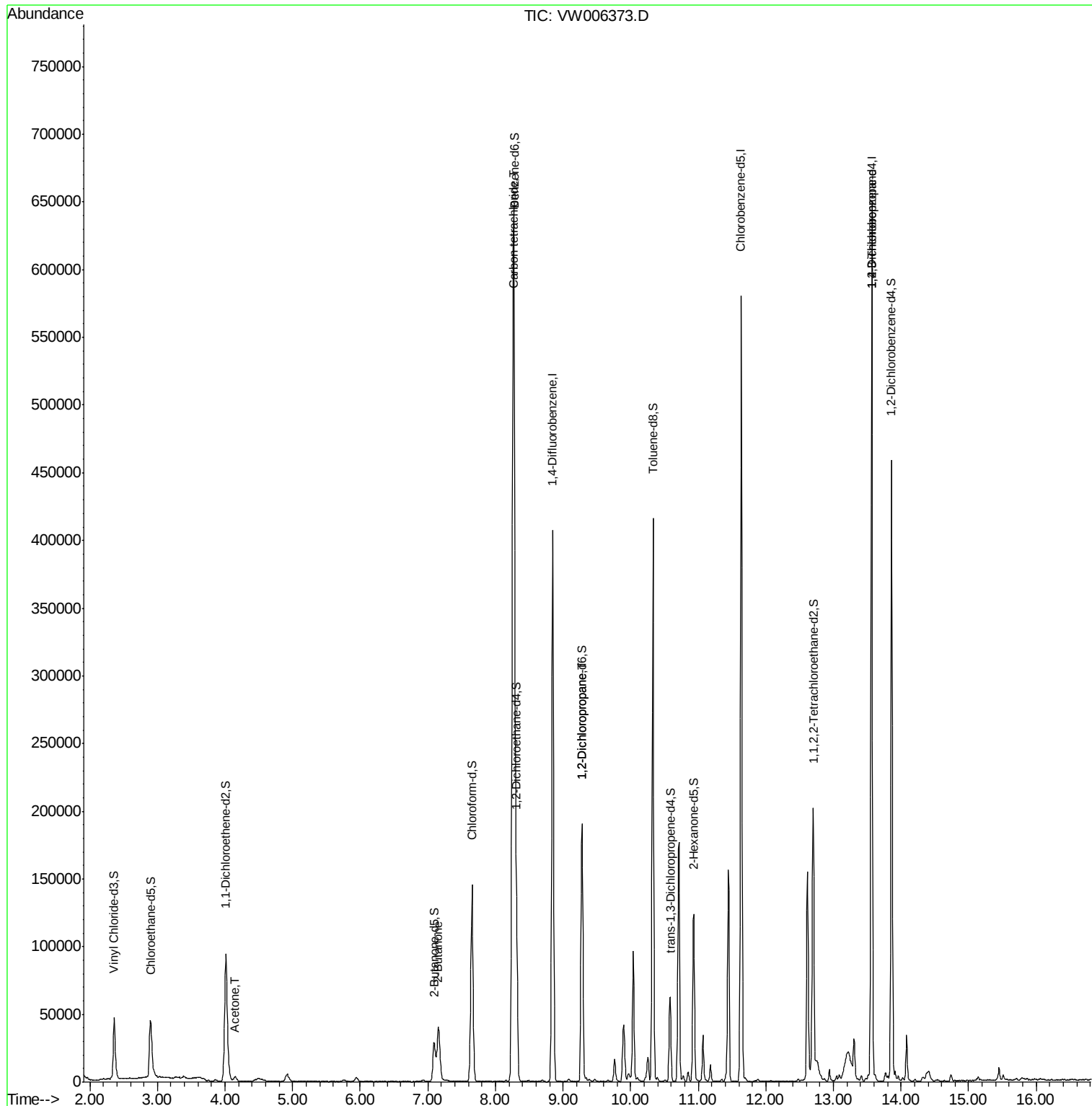
					Qvalue
13) Acetone	4.15	43	4785	3.492 ug/L	80
21) 2-Butanone	7.15	43	998	0.548 ug/L	87
32) Carbon tetrachloride	8.26	117	6957	1.001 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	10464	2.426 ug/L #	87
59) 1,2,3-Trichloropropane	13.57	75	18624	5.348 ug/L	92

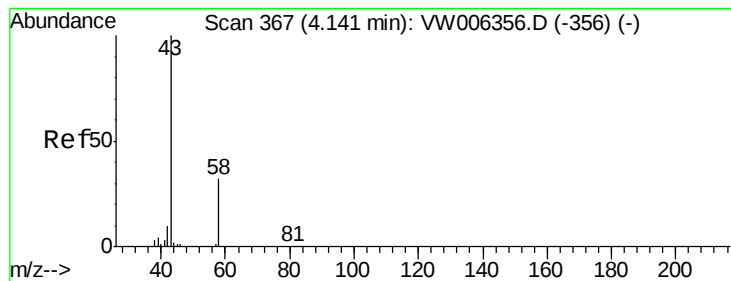
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.492 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

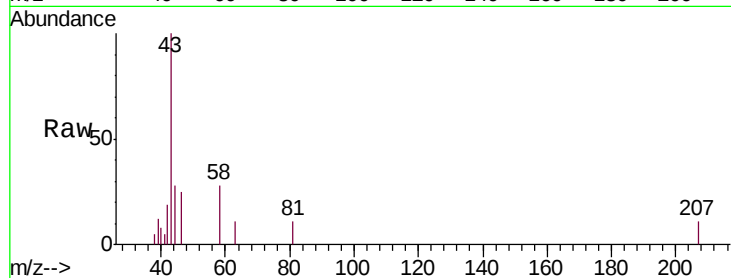
VIBLK86

Tgt Ion: 43 Resp: 4785

Ion Ratio Lower Upper

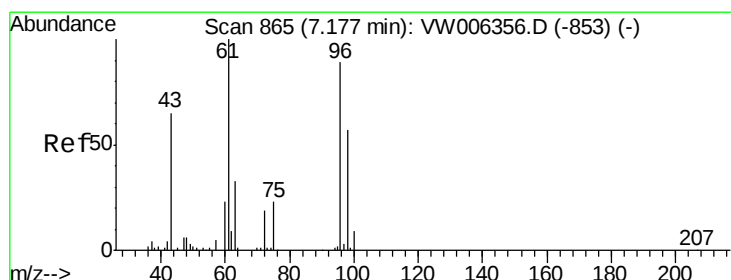
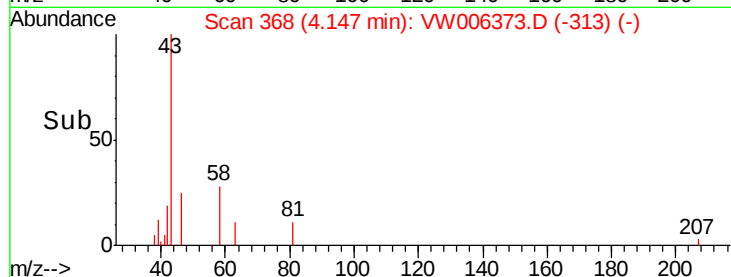
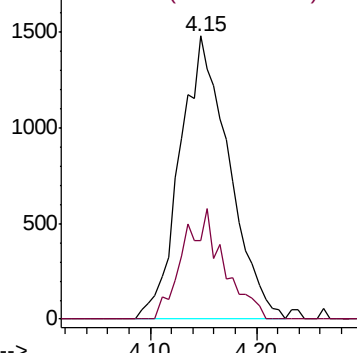
43 100

58 19.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.548 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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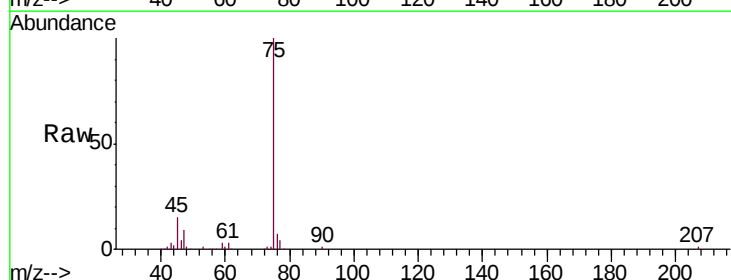
Acq: 25 Oct 2018 19:41

Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

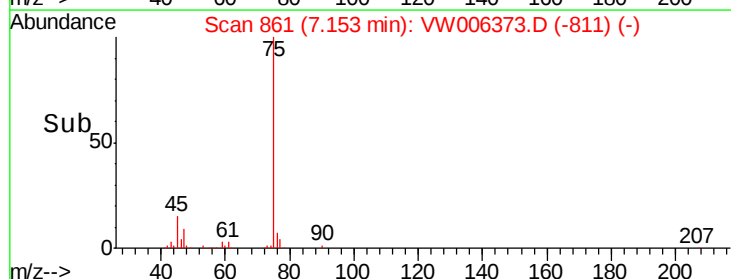
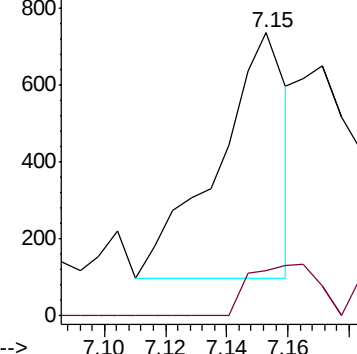
43 100

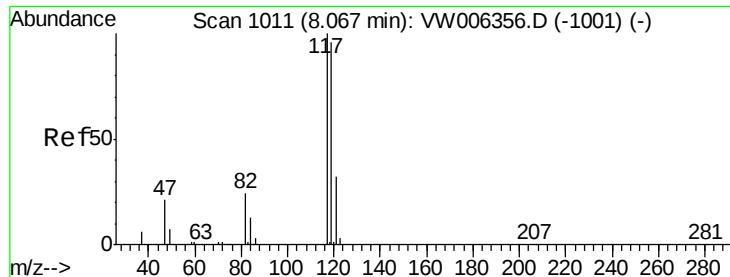
72 21.0 13.8 41.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#32

Carbon tetrachloride

Concen: 1.001 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.20 min

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ClientSampleId :

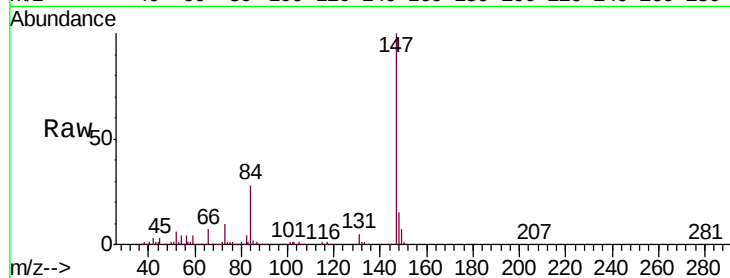
VIBLK86

Tgt Ion:117 Resp: 6957

Ion Ratio Lower Upper

117 100

119 15.9 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.26

3000

2500

2000

1500

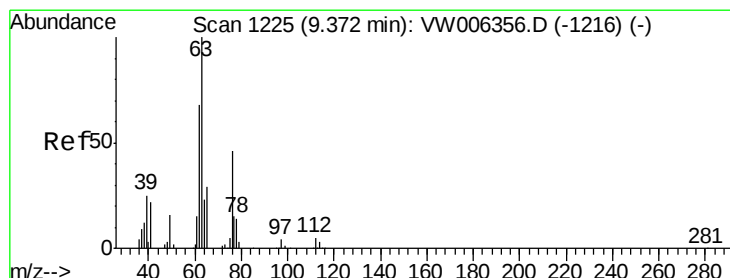
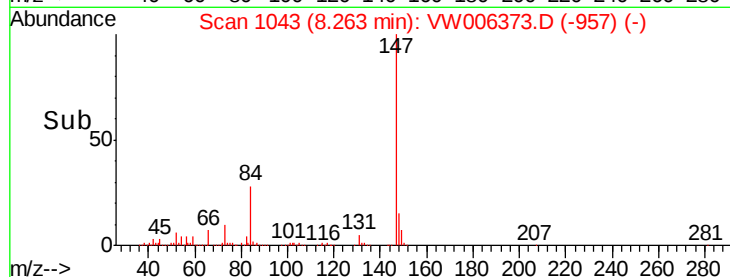
1000

500

0

8.20 8.25 8.30

Time-->



#40

1,2-Dichloropropane

Concen: 2.426 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006373.D

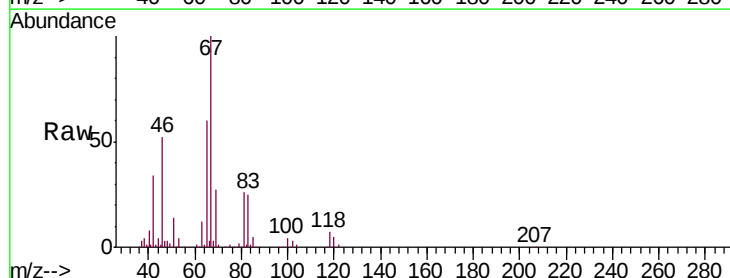
Acq: 25 Oct 2018 19:41

Tgt Ion: 63 Resp: 10464

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): V

9.28

6000

5000

4000

3000

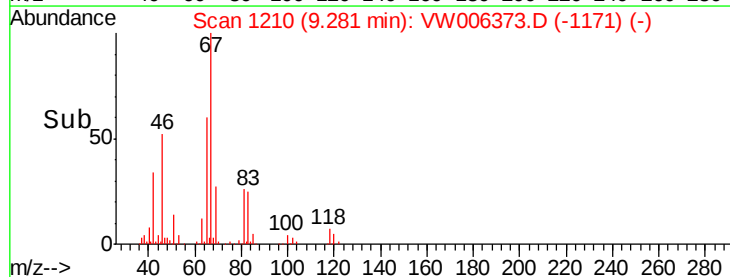
2000

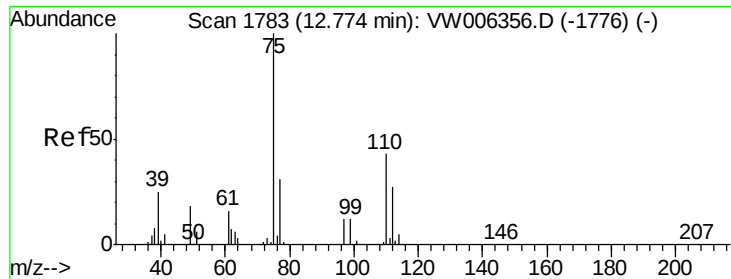
1000

0

9.20 9.25 9.30 9.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.348 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006373.D

Acq: 25 Oct 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VIBLK86

Tgt Ion: 75 Resp: 18624

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9

