

Data File : VW008000.D
Acq On : 28 Dec 2018 12:38
Operator : SY/AP
Sample : J6540-18
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 28 22:38:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 22:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	84790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	78972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39101	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19331	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.90	69	13286	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	4.01	63	37833	16.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.88%
20) 2-Butanone-d5	7.08	46	16589	46.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
24) Chloroform-d	7.65	84	51414	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	8.31	65	33033	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.27	84	95716	21.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.44%
33) 1,2-Dichloropropane-d6	9.27	67	25937	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.12%
37) Toluene-d8	10.32	98	91518	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.58	79	14891	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
39) 2-Hexanone-d5	10.93	63	13395	43.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26076	22.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	34251	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

Target Compounds

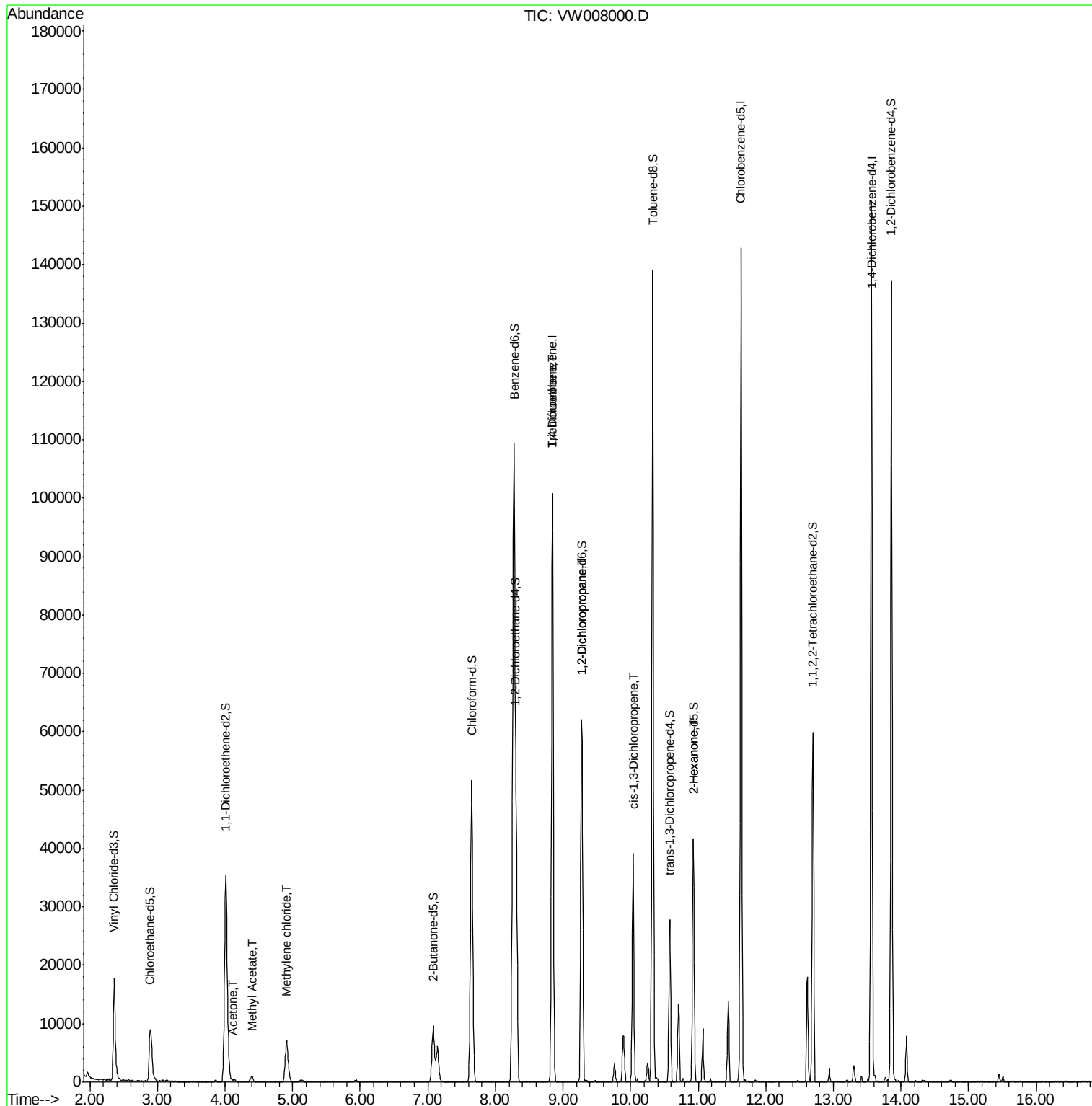
					Qvalue	
13) Acetone	4.12	43	463	1.330	ug/L #	45
15) Methyl Acetate	4.40	43	353	0.666	ug/L #	50
16) Methylene chloride	4.92	84	5685	4.144	ug/L	88
35) Trichloroethene	8.84	95	2647	2.156	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3601	3.625	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1054	0.608	ug/L	87
49) 2-Hexanone	10.93	43	1813	3.196	ug/L #	63

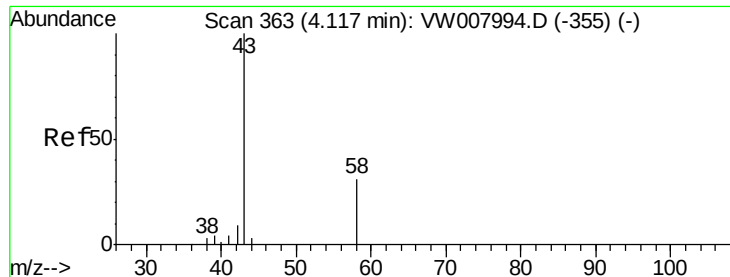
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.330 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008000.D

Acq: 28 Dec 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

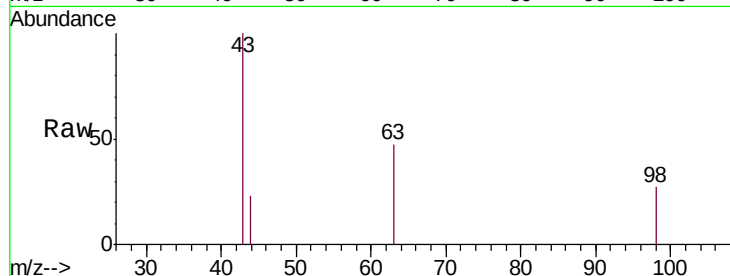
VHBLK01

Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

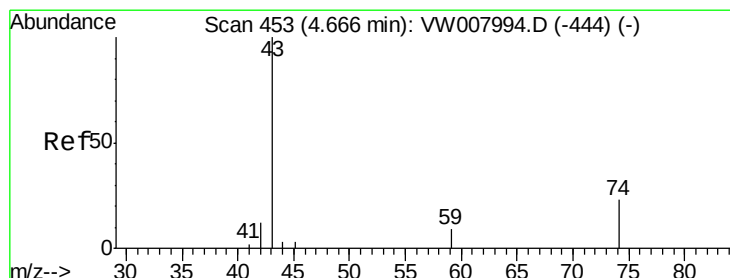
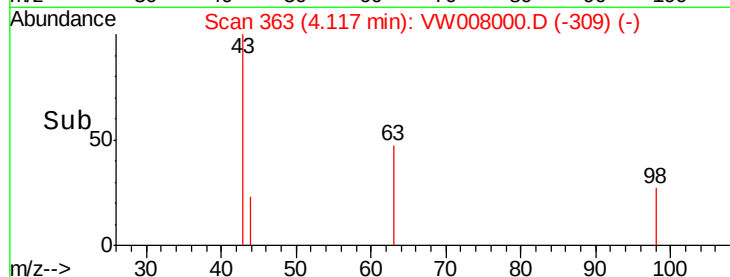
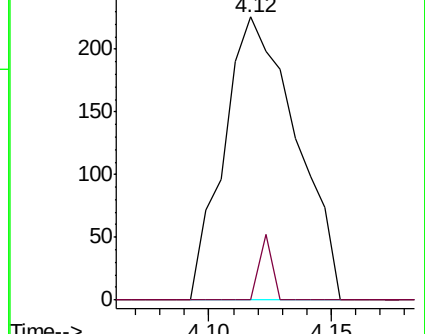
43 100

58 0.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.666 ug/L

RT: 4.40 min Scan# 409

Delta R.T. -0.27 min

Lab File: VW008000.D

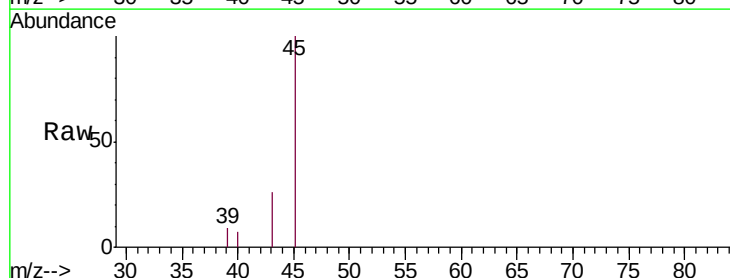
Acq: 28 Dec 2018 12:38

Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

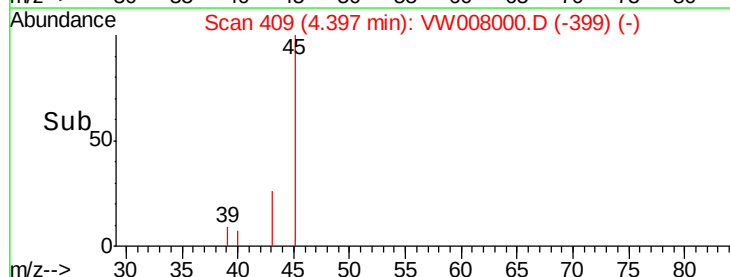
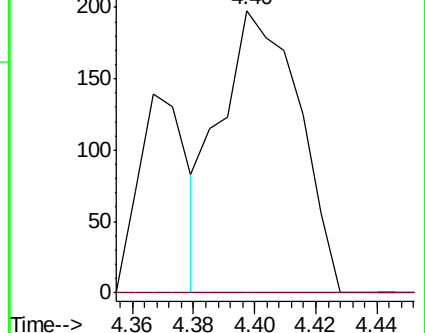
43 100

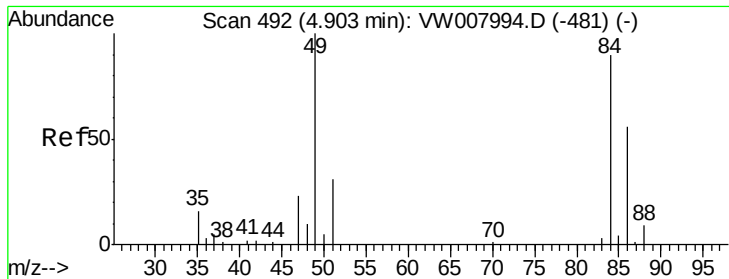
74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

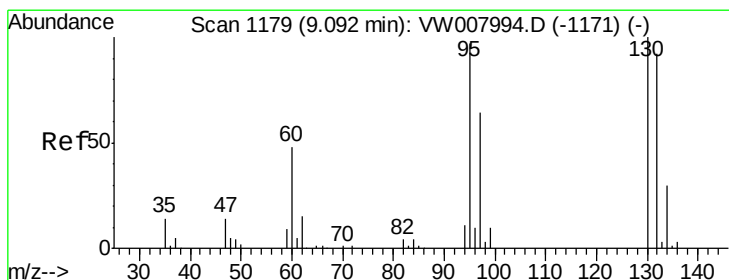
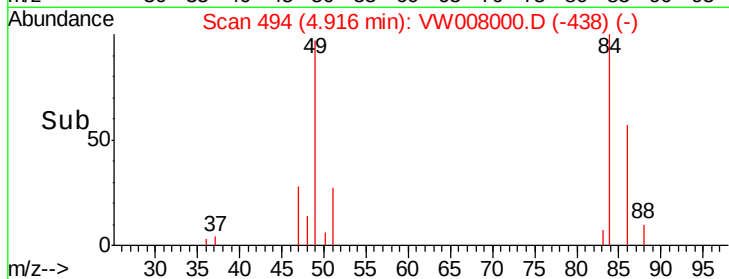
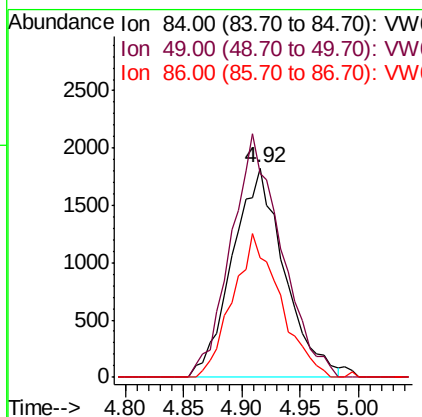
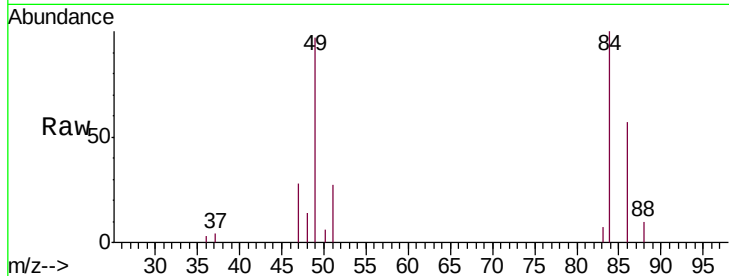




#16
Methylene chloride
Concen: 4.144 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008000.D
Acq: 28 Dec 2018 12:38

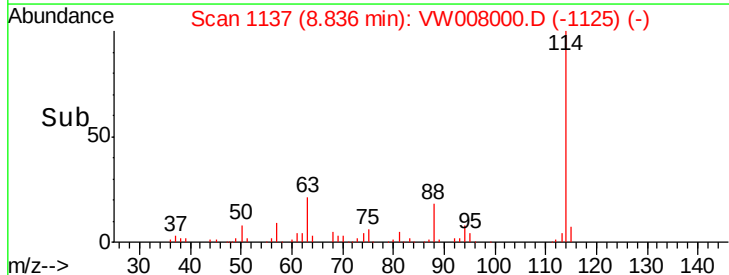
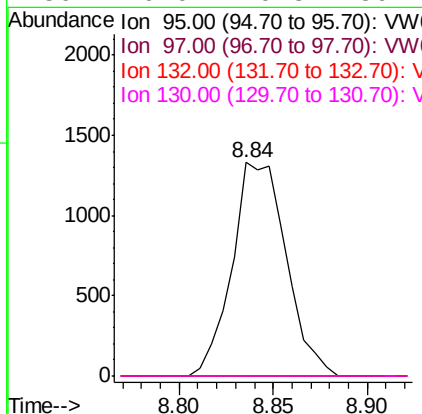
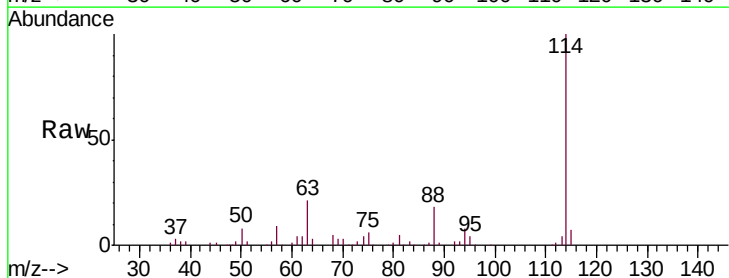
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

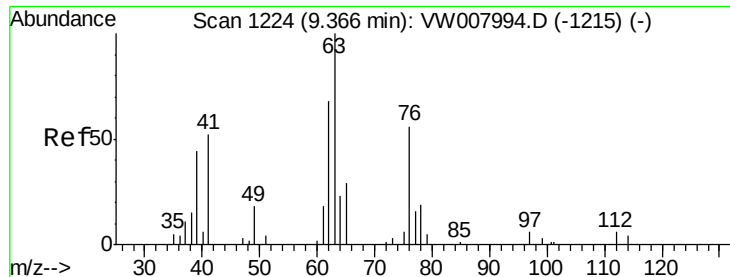
Tgt Ion: 84 Resp: 5685
Ion Ratio Lower Upper
84 100
49 97.3 79.2 147.0
86 57.4 43.2 80.2



#35
Trichloroethene
Concen: 2.156 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.26 min
Lab File: VW008000.D
Acq: 28 Dec 2018 12:38

Tgt Ion: 95 Resp: 2647
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.5#
132 0.0 67.8 126.0#
130 0.0 70.3 130.7#





#40

1,2-Dichloropropane

Concen: 3.625 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW008000.D

Acq: 28 Dec 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

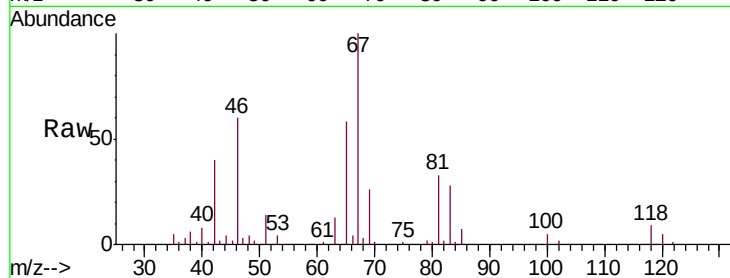
VHBLK01

Tgt Ion: 63 Resp: 3601

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

2000

1500

1000

500

0

9.20

9.25

9.30

9.35

9.40

9.45

9.50

9.55

9.60

9.65

9.70

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

11.35

11.40

11.45

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

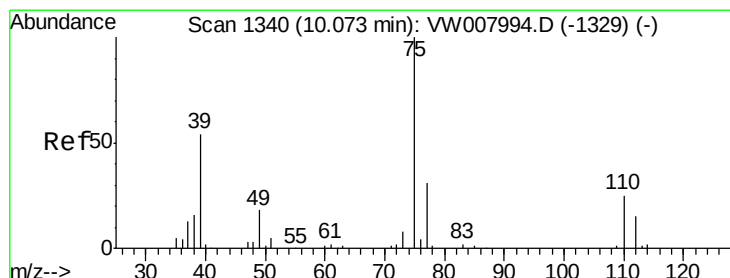
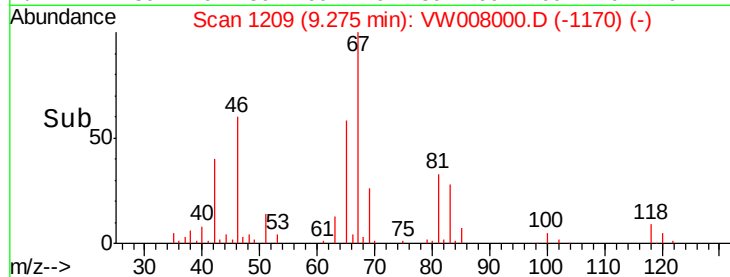
11.90

11.95

12.00

12.05

12.10



#42

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW008000.D

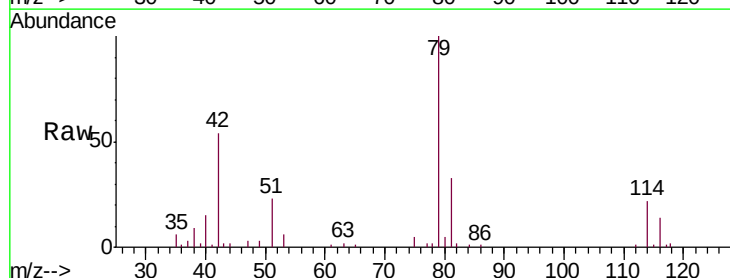
Acq: 28 Dec 2018 12:38

Tgt Ion: 75 Resp: 1054

Ion Ratio Lower Upper

75 100

77 40.5 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

600

500

400

300

200

100

0

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

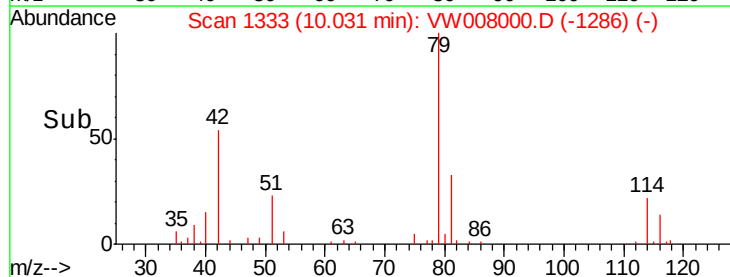
10.90

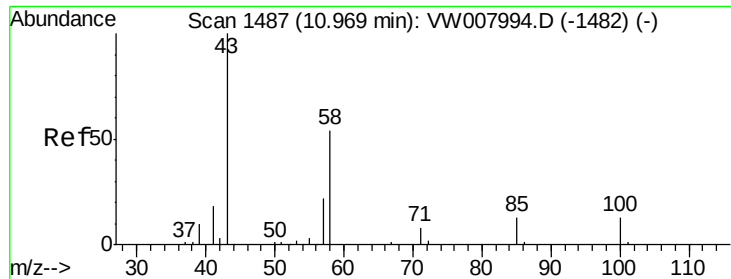
10.95

11.00

11.05

11.10





#49

2-Hexanone

Concen: 3.196 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW008000.D

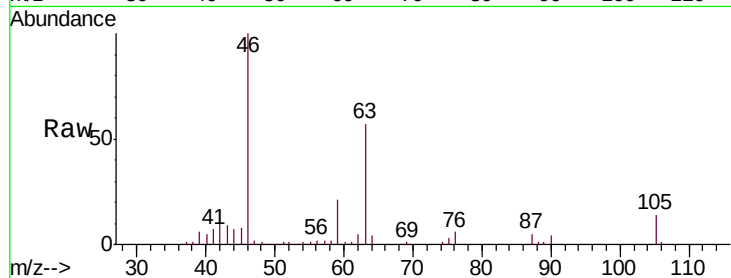
Acq: 28 Dec 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	1813
Ion	Ratio	Lower	Upper
43	100		
58	20.8	46.2	69.4#
57	25.7	17.9	26.9
100	0.0	11.4	17.2#

