

Data File : VW006364.D
Acq On : 25 Oct 2018 15:04
Operator : SY/AP
Sample : J5657-04
Misc : 5.72G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40K2

Quant Time: Oct 26 04:09:45 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	359426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	135900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73733	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
7) Chloroethane-d5	2.90	69	75057	21.51	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.01	63	118733	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	7.09	46	52421	39.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.02%
24) Chloroform-d	7.65	84	182395	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	108028	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.28	84	357272	25.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.00%
33) 1,2-Dichloropropane-d6	9.28	67	109111	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.33	98	334339	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	41005	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.04%
39) 2-Hexanone-d5	10.93	63	42085	40.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	105829	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	114606	24.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
13) Acetone	4.15	43	5001	3.684 ug/L	69
21) 2-Butanone	7.17	43	4693	2.602 ug/L #	65
35) Trichloroethene	8.84	95	10560	2.346 ug/L #	2
36) Methylcyclohexane	9.28	83	27670	3.355 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	12678	3.194 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2964	0.457 ug/L #	78
49) 2-Hexanone	10.93	43	5052	2.155 ug/L #	58
57) Isopropylbenzene	12.48	105	10571	0.485 ug/L #	1
64) 1,4-Dichlorobenzene	13.59	146	5023	0.598 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.41	75	5371	8.691 ug/L #	19
67) 1,3,5-Trichlorobenzene	14.40	180	11496	1.709 ug/L #	1

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
A40K2

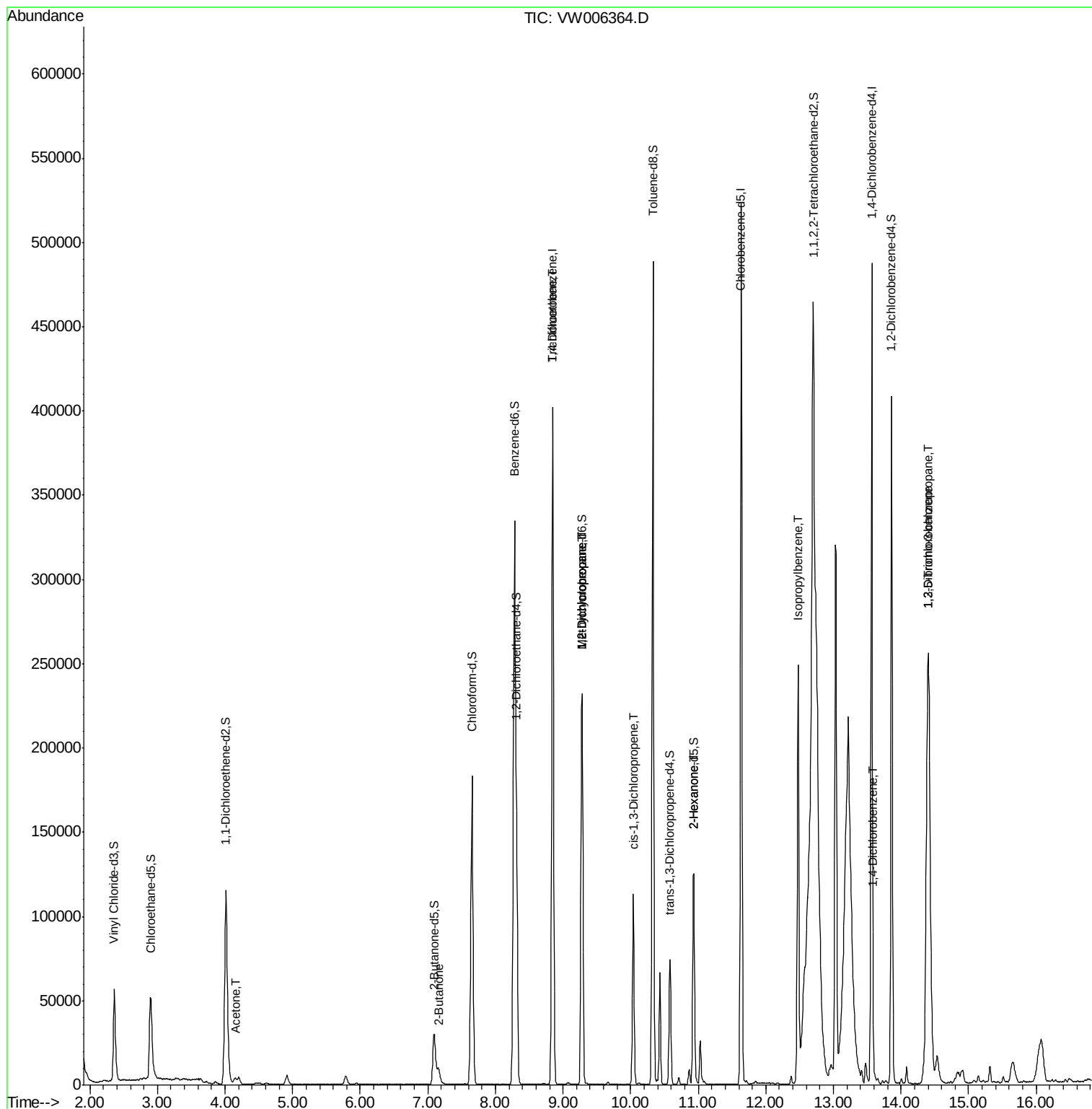
Quant Time: Oct 26 04:09:45 2018

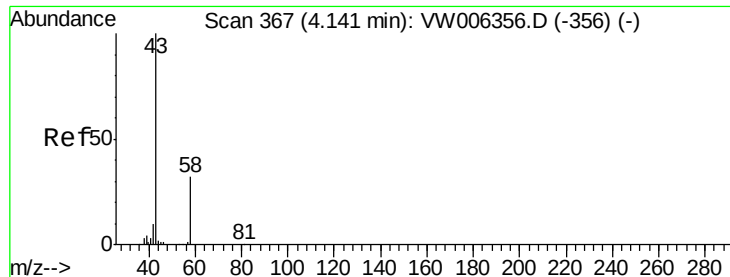
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M

Quant Title : VOC Analysis

QLast Update : Fri Oct 26 04:05:39 2018

Response via : Initial Calibration





#13

Acetone

Concen: 3.684 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Acq: 25 Oct 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

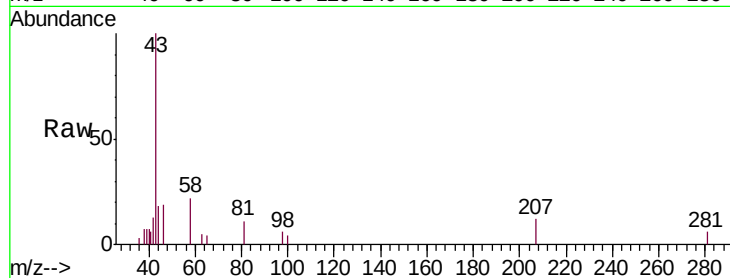
A40K2

Tgt Ion: 43 Resp: 5001

Ion Ratio Lower Upper

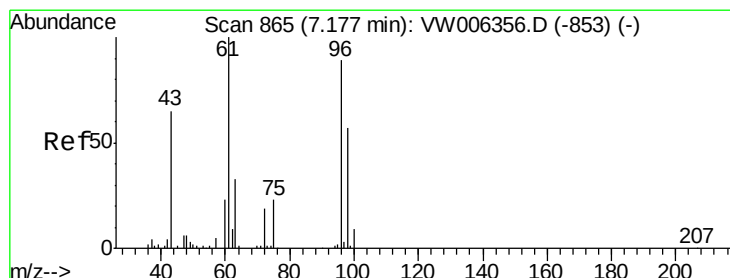
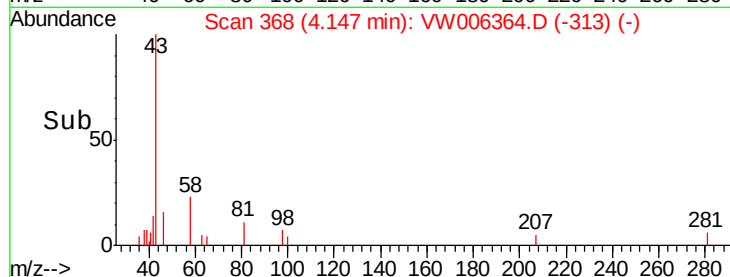
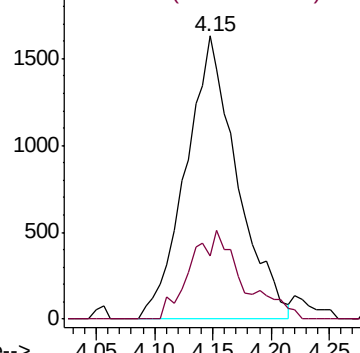
43 100

58 13.5 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: 2.602 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006364.D

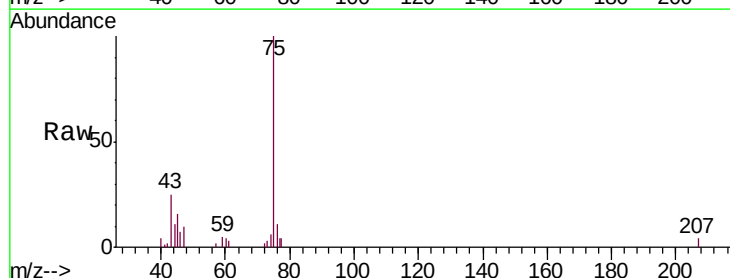
Acq: 25 Oct 2018 15:04

Tgt Ion: 43 Resp: 4693

Ion Ratio Lower Upper

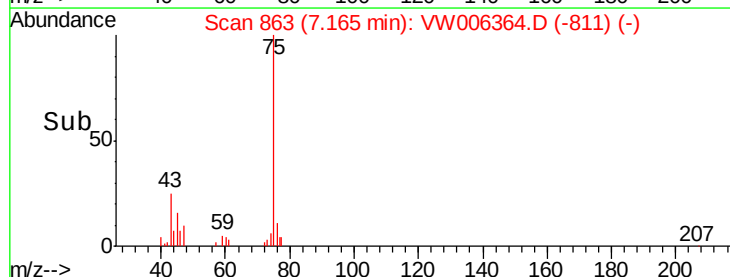
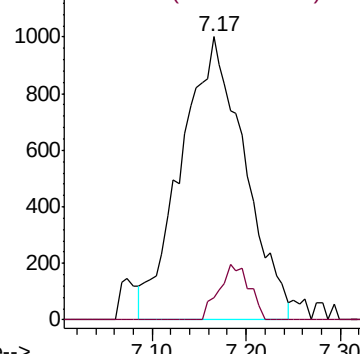
43 100

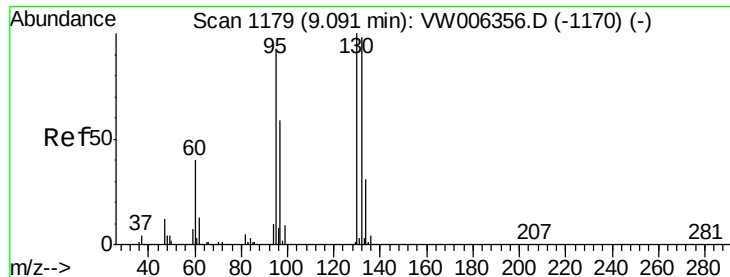
72 9.4 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.346 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006364.D

Acq: 25 Oct 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

A40K2

Tgt Ion: 95 Resp: 10560

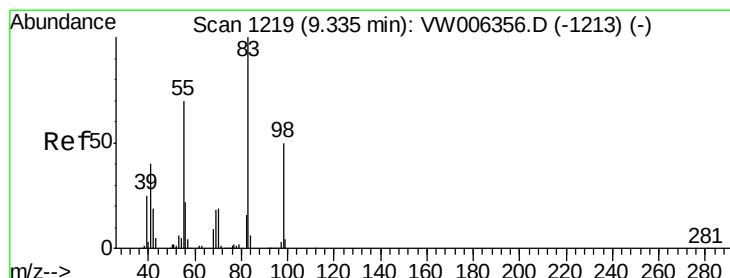
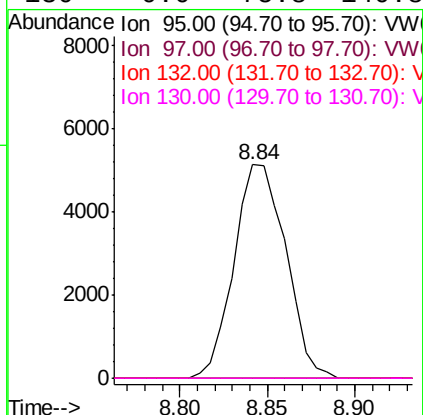
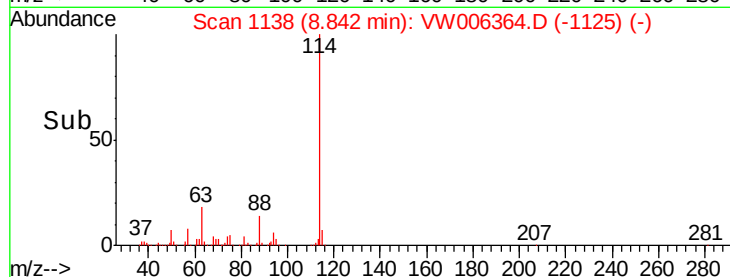
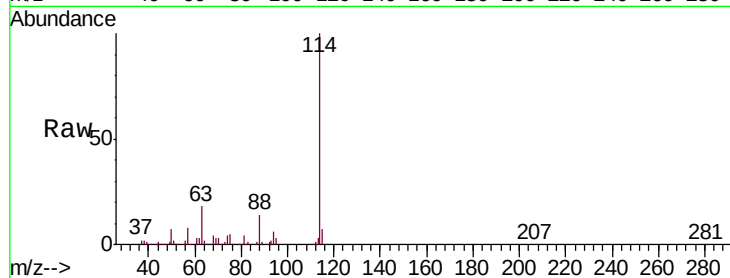
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#



#36

Methylcyclohexane

Concen: 3.355 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW006364.D

Acq: 25 Oct 2018 15:04

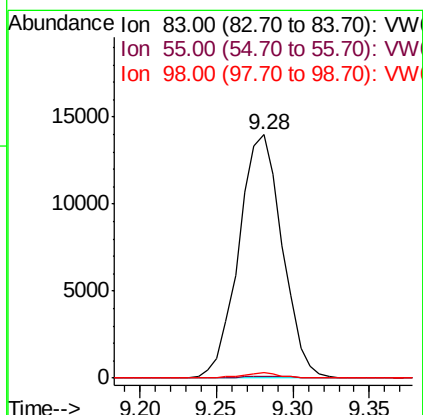
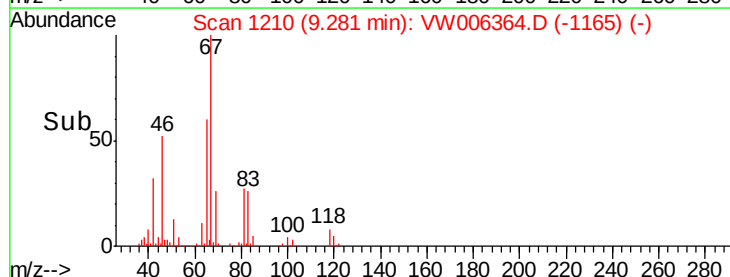
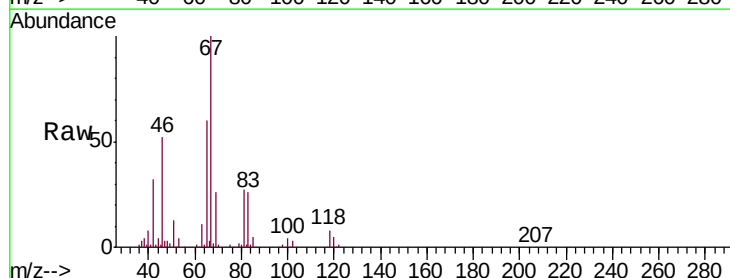
Tgt Ion: 83 Resp: 27670

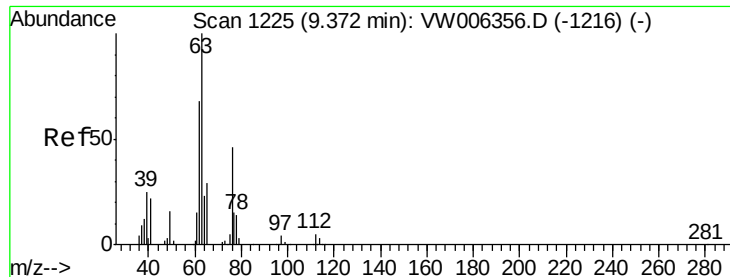
Ion Ratio Lower Upper

83 100

55 0.7 57.1 85.7#

98 1.8 38.9 58.3#





#40

1,2-Dichloropropane

Concen: 3.194 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006364.D

Acq: 25 Oct 2018 15:04

Instrument :

MSVOA_W

ClientSampled :

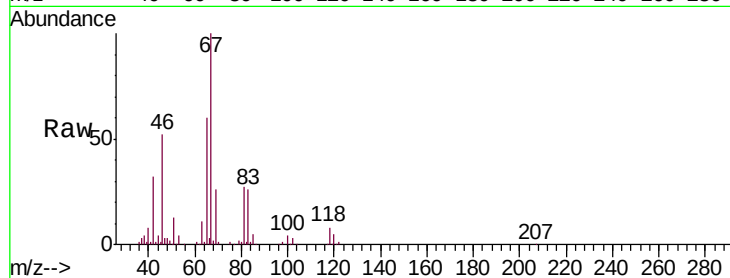
A40K2

Tgt Ion: 63 Resp: 12678

Ion Ratio Lower Upper

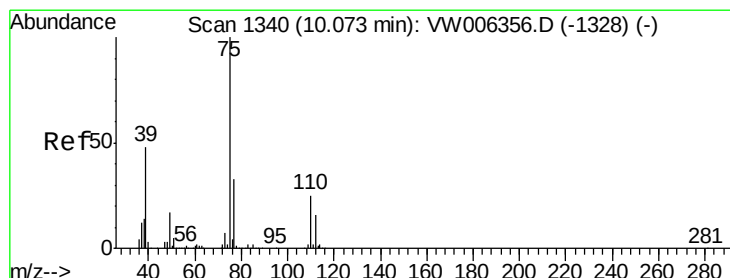
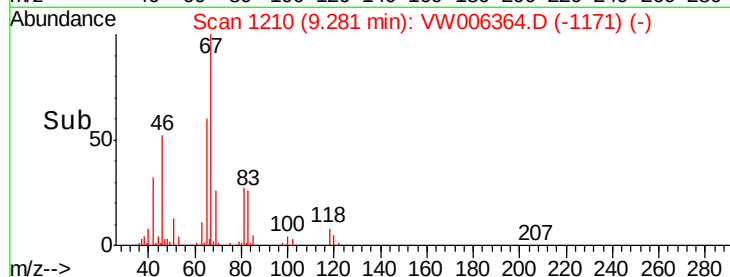
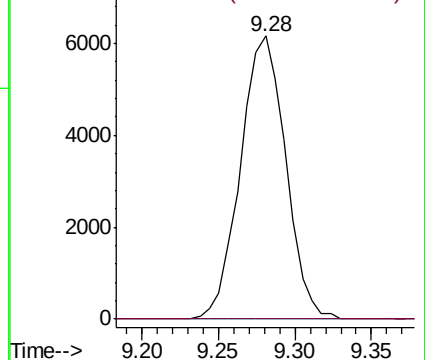
63 100

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: 0.457 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006364.D

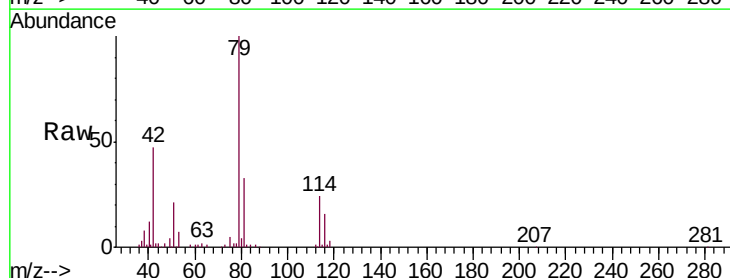
Acq: 25 Oct 2018 15:04

Tgt Ion: 75 Resp: 2964

Ion Ratio Lower Upper

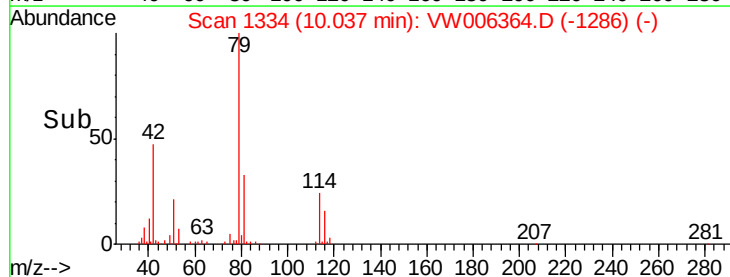
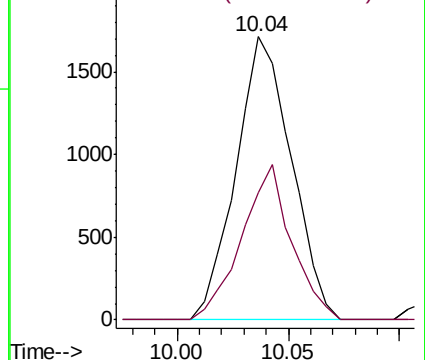
75 100

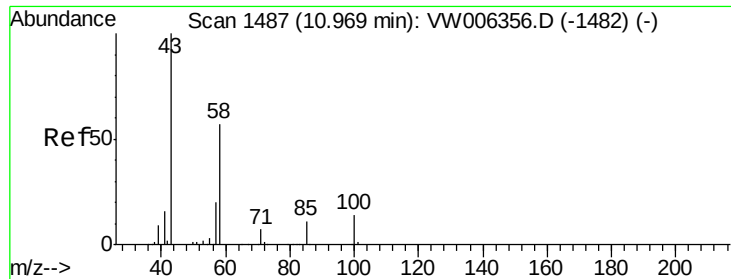
77 44.9 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

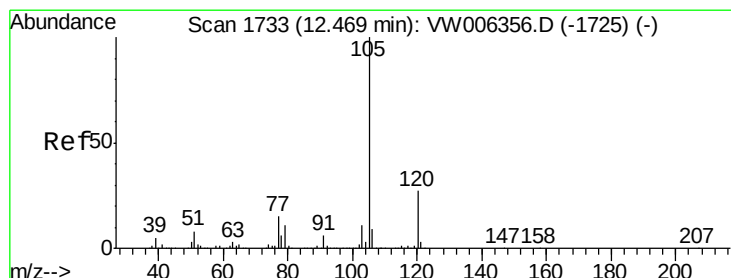
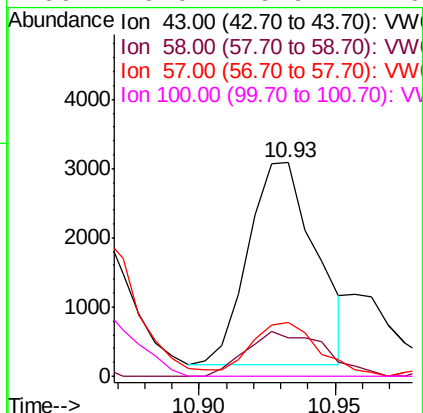
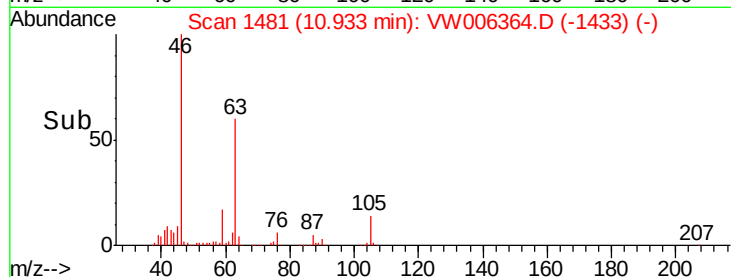
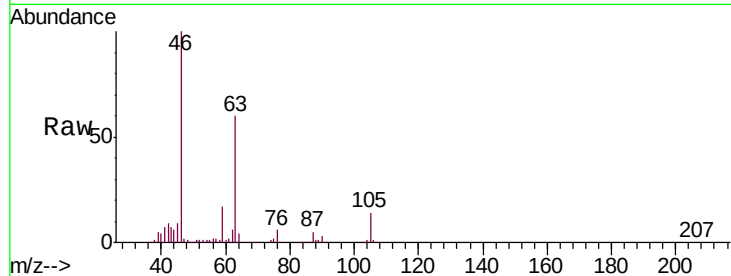




#49
2-Hexanone
Concen: 2.155 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006364.D
Acq: 25 Oct 2018 15:04

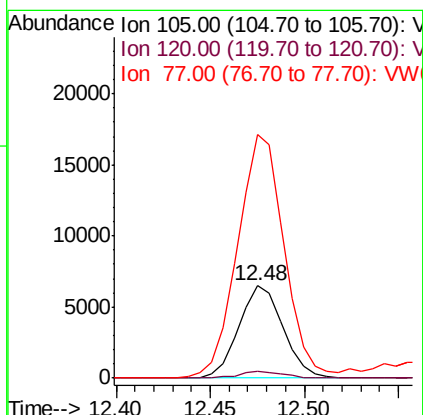
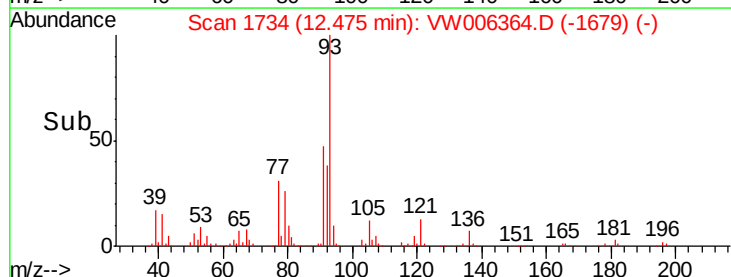
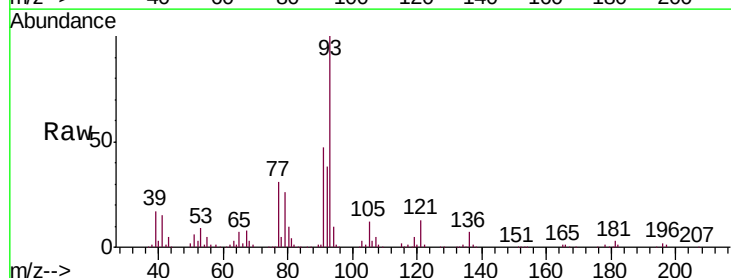
Instrument :
MSVOA_W
ClientSampled :
A40K2

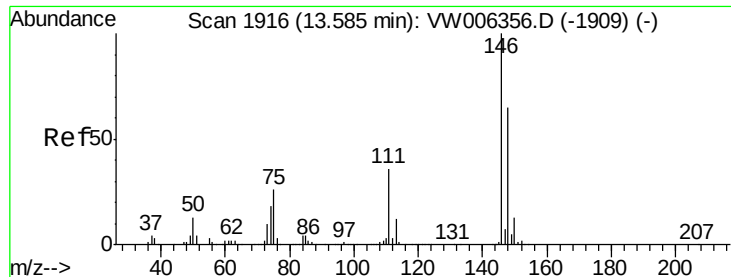
Tgt Ion: 43 Resp: 5052
Ion Ratio Lower Upper
43 100
58 15.1 42.1 63.1#
57 26.3 15.1 22.7#
100 0.0 9.9 14.9#



#57
Isopropylbenzene
Concen: 0.485 ug/L
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW006364.D
Acq: 25 Oct 2018 15:04

Tgt Ion: 105 Resp: 10571
Ion Ratio Lower Upper
105 100
120 6.9 21.8 32.6#
77 277.9 12.2 18.2#

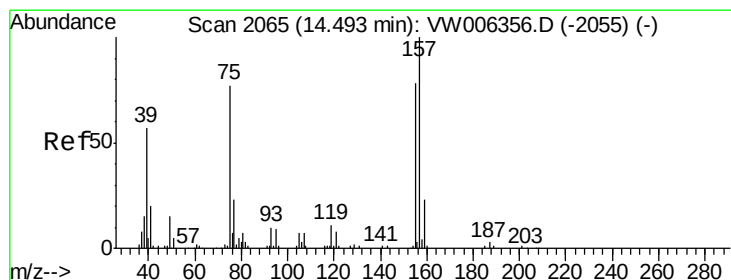
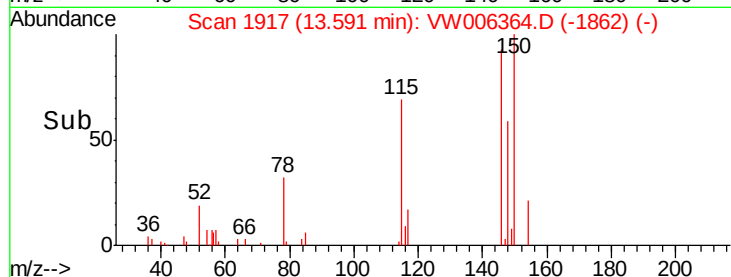
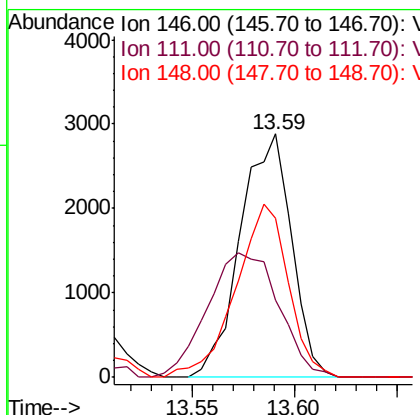
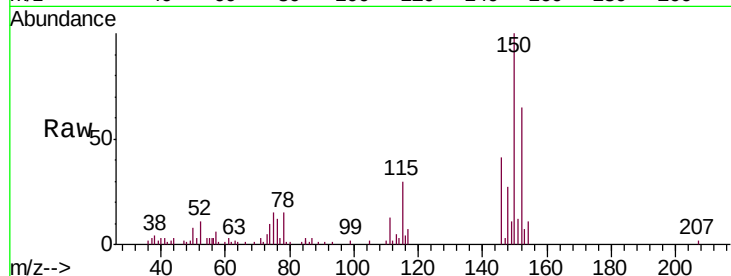




#64
1,4-Dichlorobenzene
Concen: 0.598 ug/L
RT: 13.59 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VW006364.D
Acq: 25 Oct 2018 15:04

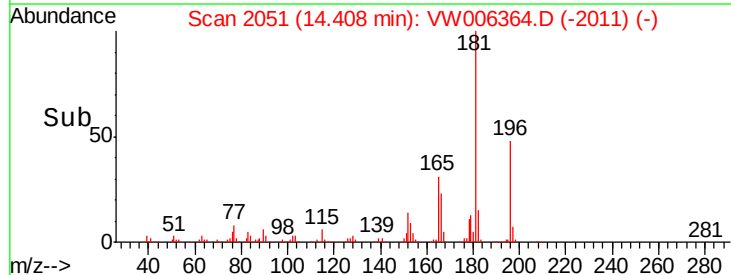
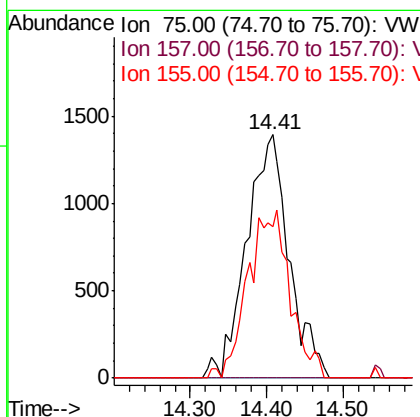
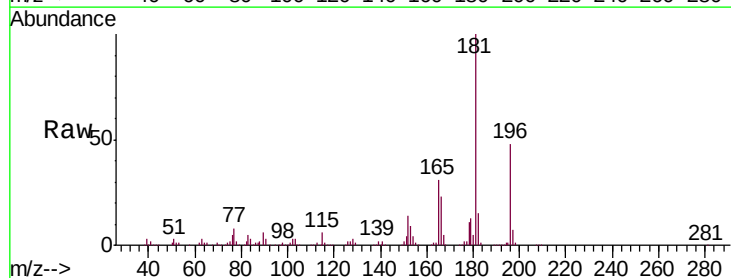
Instrument :
MSVOA_W
ClientSampleId :
A40K2

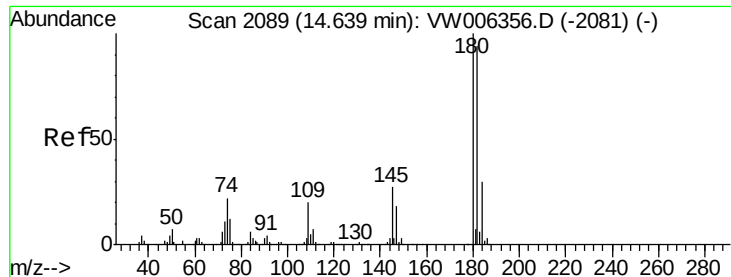
Tgt Ion:146 Resp: 5023
Ion Ratio Lower Upper
146 100
111 31.6 24.7 45.9
148 65.4 44.9 83.5



#66
1,2-Dibromo-3-chloropropane
Concen: 8.691 ug/L
RT: 14.41 min Scan# 2051
Delta R.T. -0.09 min
Lab File: VW006364.D
Acq: 25 Oct 2018 15:04

Tgt Ion: 75 Resp: 5371
Ion Ratio Lower Upper
75 100
157 0.0 106.8 160.2#
155 62.0 79.2 118.8#





#67
 1,3,5-Trichlorobenzene
 Concen: 1.709 ug/L
 RT: 14.40 min Scan# 2049
 Delta R.T. -0.24 min
 Lab File: VW006364.D
 Acq: 25 Oct 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K2

Tgt Ion:	180	Resp:	11496
Ion	Ratio	Lower	Upper
180	100		
182	332.6	76.0	114.0#
184	0.0	24.3	36.5#
145	14.1	22.6	33.8#

