

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007321.D
 Acq On : 07 Dec 2018 21:50
 Operator : SY/AP
 Sample : J6236-09
 Misc : 6.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E19

Quant Time: Dec 08 02:06:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	90706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	42159	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19830	28.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.24%
7) Chloroethane-d5	2.90	69	15531	25.95	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.80%
10) 1,1-Dichloroethene-d2	4.01	63	48815	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.12%
20) 2-Butanone-d5	7.08	46	24185	54.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.58%
24) Chloroform-d	7.65	84	65300	25.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	8.31	65	41406	28.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.68%
29) Benzene-d6	8.27	84	130456	26.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.92%
33) 1,2-Dichloropropane-d6	9.27	67	38632	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.92%
37) Toluene-d8	10.32	98	122896	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.44%
38) trans-1,3-Dichloropropene-	10.58	79	19249	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.12%
39) 2-Hexanone-d5	10.93	63	19391	57.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35931	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	40838	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

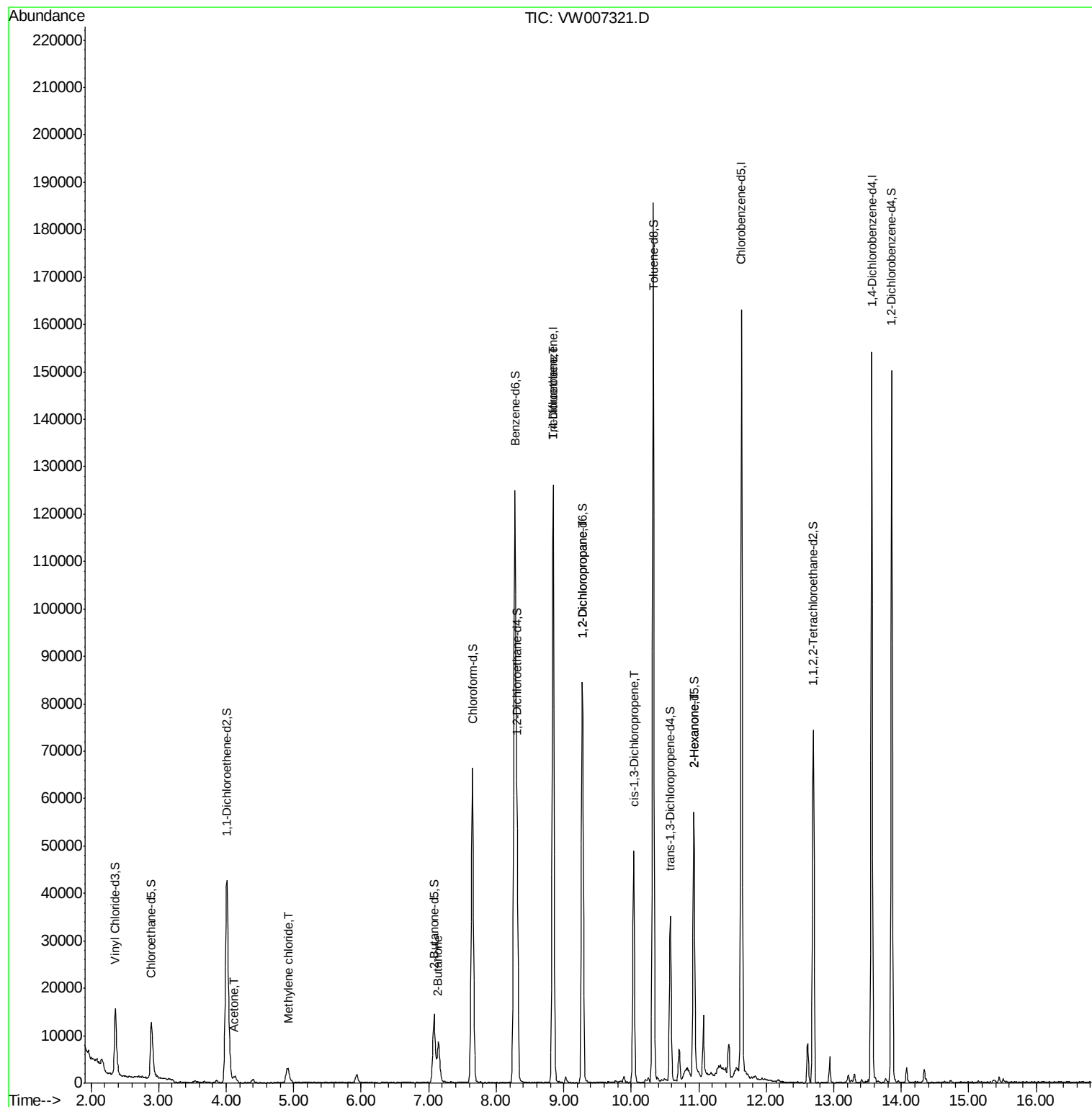
					Ovalue
13) Acetone	4.12	43	1066	2.058 ug/L	91
16) Methylene chloride	4.92	84	3017	1.721 ug/L	80
21) 2-Butanone	7.15	43	386	0.693 ug/L #	45
35) Trichloroethene	8.84	95	3380	2.267 ug/L #	4
40) 1,2-Dichloropropane	9.28	63	4548	3.576 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1288	0.603 ug/L	93
49) 2-Hexanone	10.93	43	2747	3.883 ug/L #	63

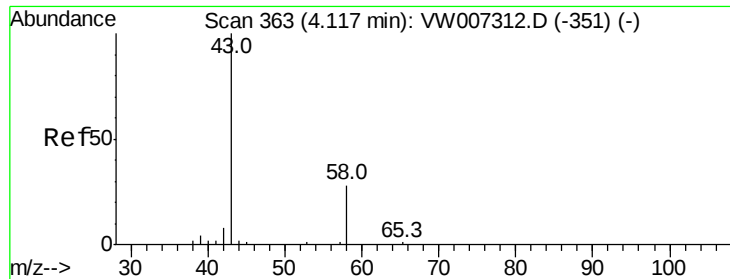
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.058 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

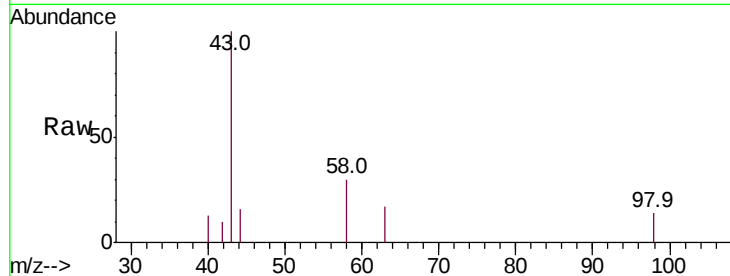
F9E19

Tot Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

58 24.7 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

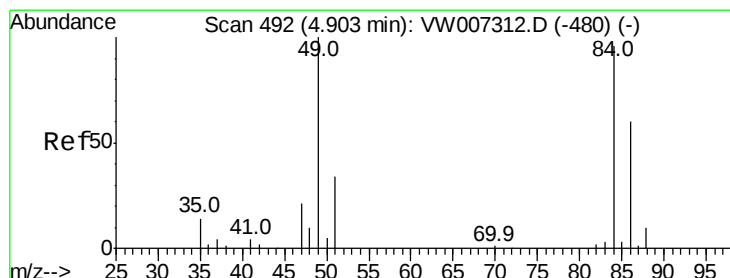
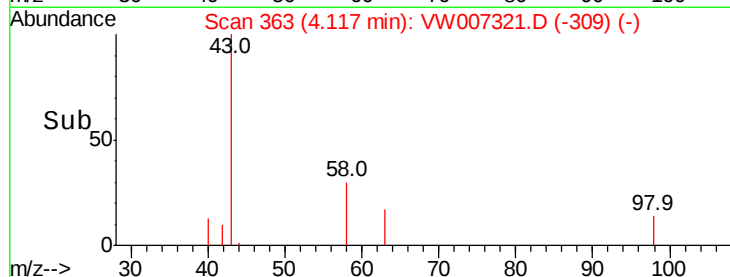
600

400

200

0

Time--> 4.06 4.08 4.10 4.12



#16

Methylene chloride

Concen: 1.721 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

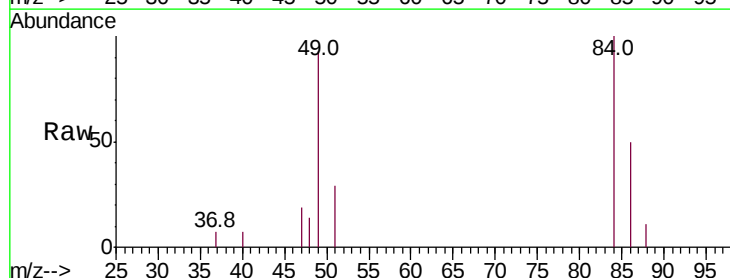
Tgt Ion: 84 Resp: 3017

Ion Ratio Lower Upper

84 100

49 92.9 80.8 150.2

86 50.1 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

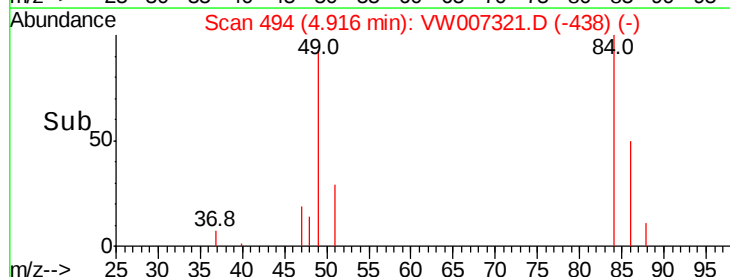
4.92

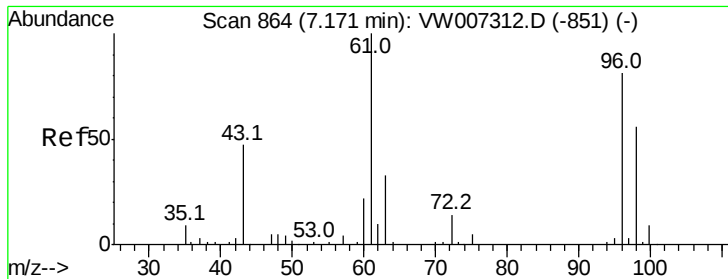
1000

500

0

Time--> 4.80 4.85 4.90 4.95 5.00





#21

2-Butanone

Concen: 0.693 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

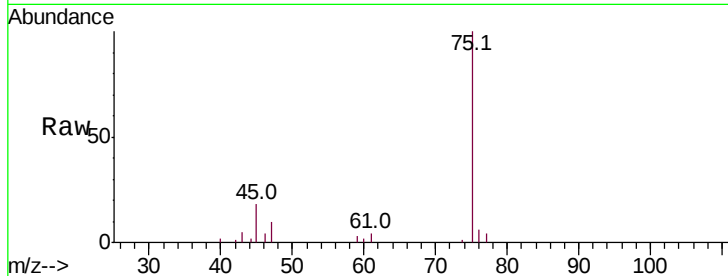
Instrument :
MSVOA_W
ClientSampleId :
F9E19

Tot Ion: 43 Resp: 386

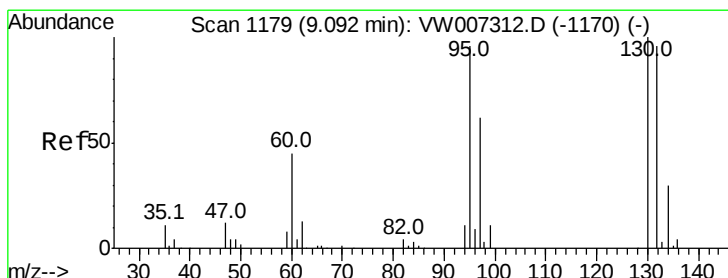
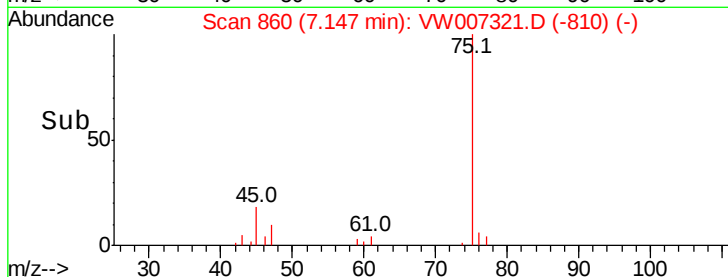
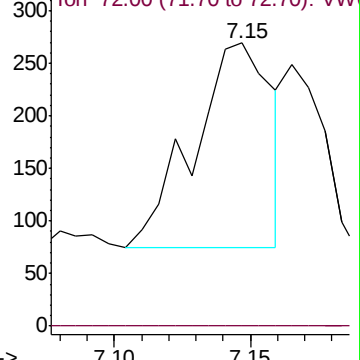
Ion Ratio Lower Upper

43 100

72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.267 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

Tgt Ion: 95 Resp: 3380

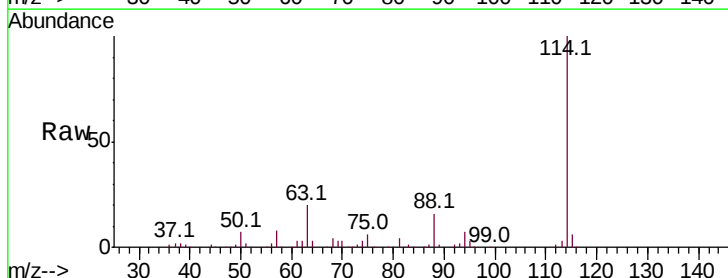
Ion Ratio Lower Upper

95 100

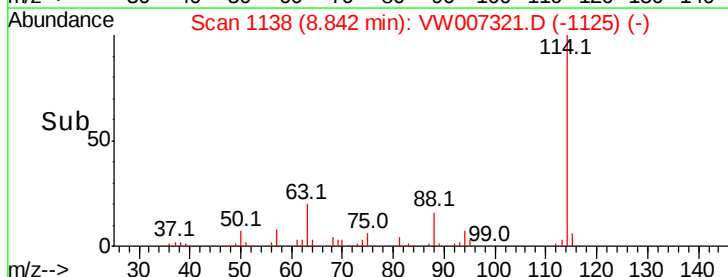
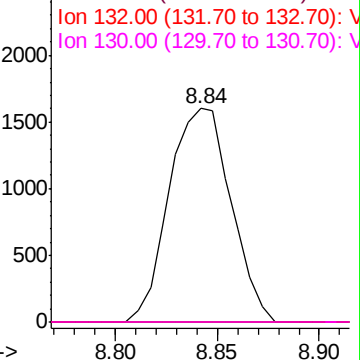
97 0.0 45.8 85.0#

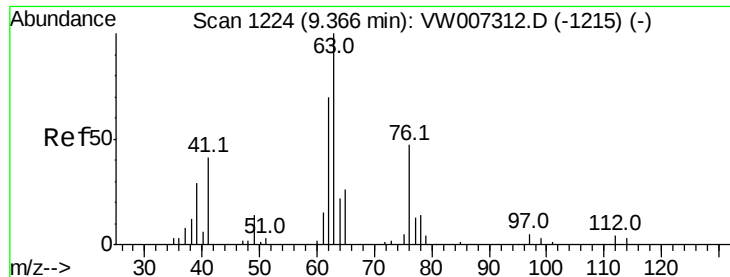
132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



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





#40

1,2-Dichloropropane

Concen: 3.576 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

Instrument :

MSVOA_W

ClientSampled :

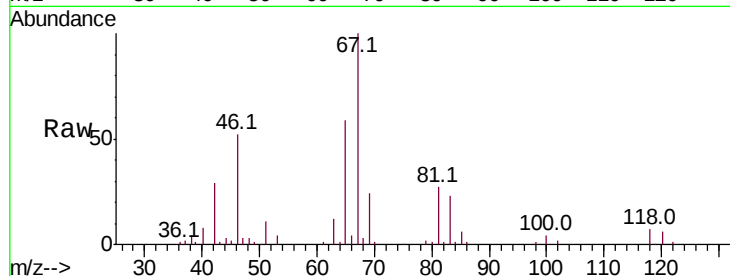
F9E19

Tot Ion: 63 Resp: 4548

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.28

2500

2000

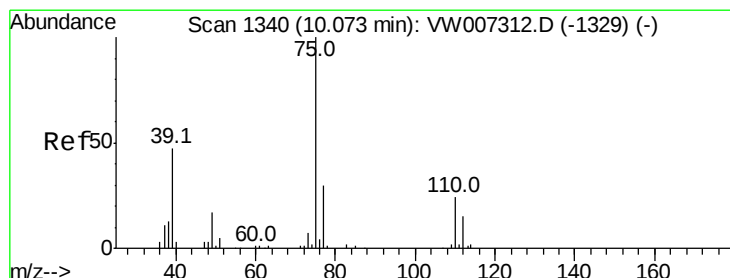
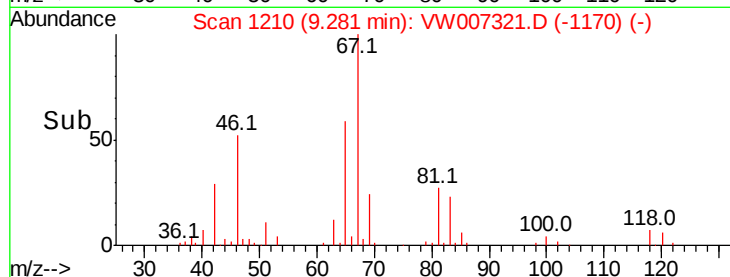
1500

1000

500

0

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW007321.D

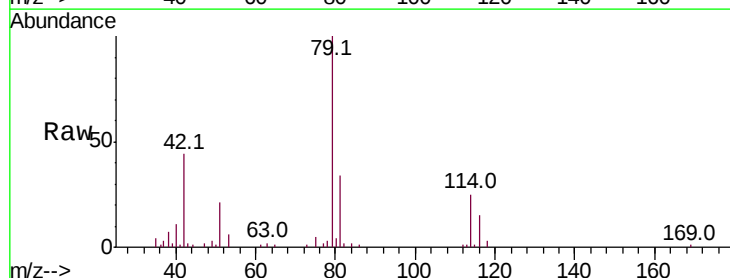
Acq: 07 Dec 2018 21:50

Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

77 36.8 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

800

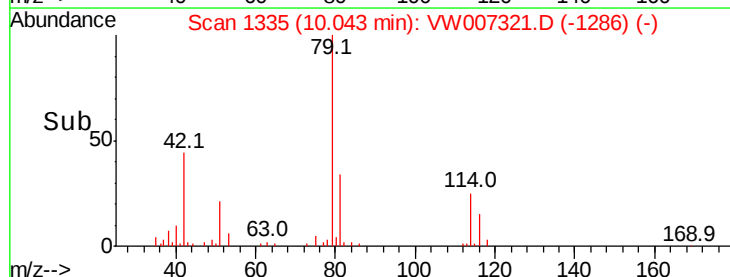
600

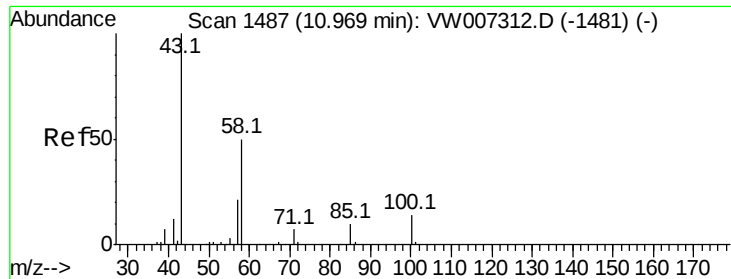
400

200

0

Time-->





#49

2-Hexanone

Concen: 3.883 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007321.D

Acq: 07 Dec 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

F9E19

Tot Ion: 43 Resp: 2747

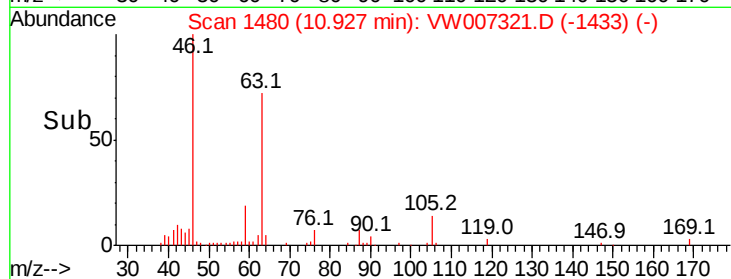
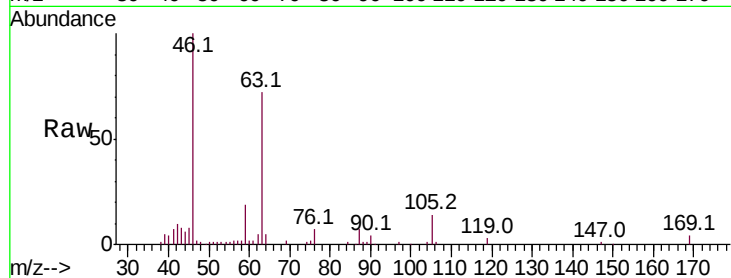
Ion Ratio Lower Upper

43 100

58 21.1 47.2 70.8#

57 20.4 17.6 26.4

100 1.9 12.2 18.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

