

Data File : VV008914.D
Acq On : 13 Dec 2018 17:25
Operator : SY/MD
Sample : J6367-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL40

Quant Time: Dec 14 01:14:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159826	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58059	62.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.40%
7) Chloroethane-d5	1.57	69	44356	75.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.02%#
11) 1,1-Dichloroethene-d2	2.13	63	109786	49.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.62%
21) 2-Butanone-d5	3.93	46	83094	133.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.34%#
24) Chloroform-d	4.40	84	128411	64.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.96%#
26) 1,2-Dichloroethane-d4	5.08	65	84870	66.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.80%#
32) Benzene-d6	5.10	84	266925	68.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.48%#
36) 1,2-Dichloropropane-d6	6.12	67	79778	67.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.76%#
41) Toluene-d8	7.36	98	243516	66.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.64%#
43) trans-1,3-Dichloropropene-	7.67	79	38342	64.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.64%#
47) 2-Hexanone-d5	8.13	63	52548	120.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97505	64.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.50%#
64) 1,2-Dichlorobenzene-d4	11.68	152	83676	68.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.36%#

Target Compounds

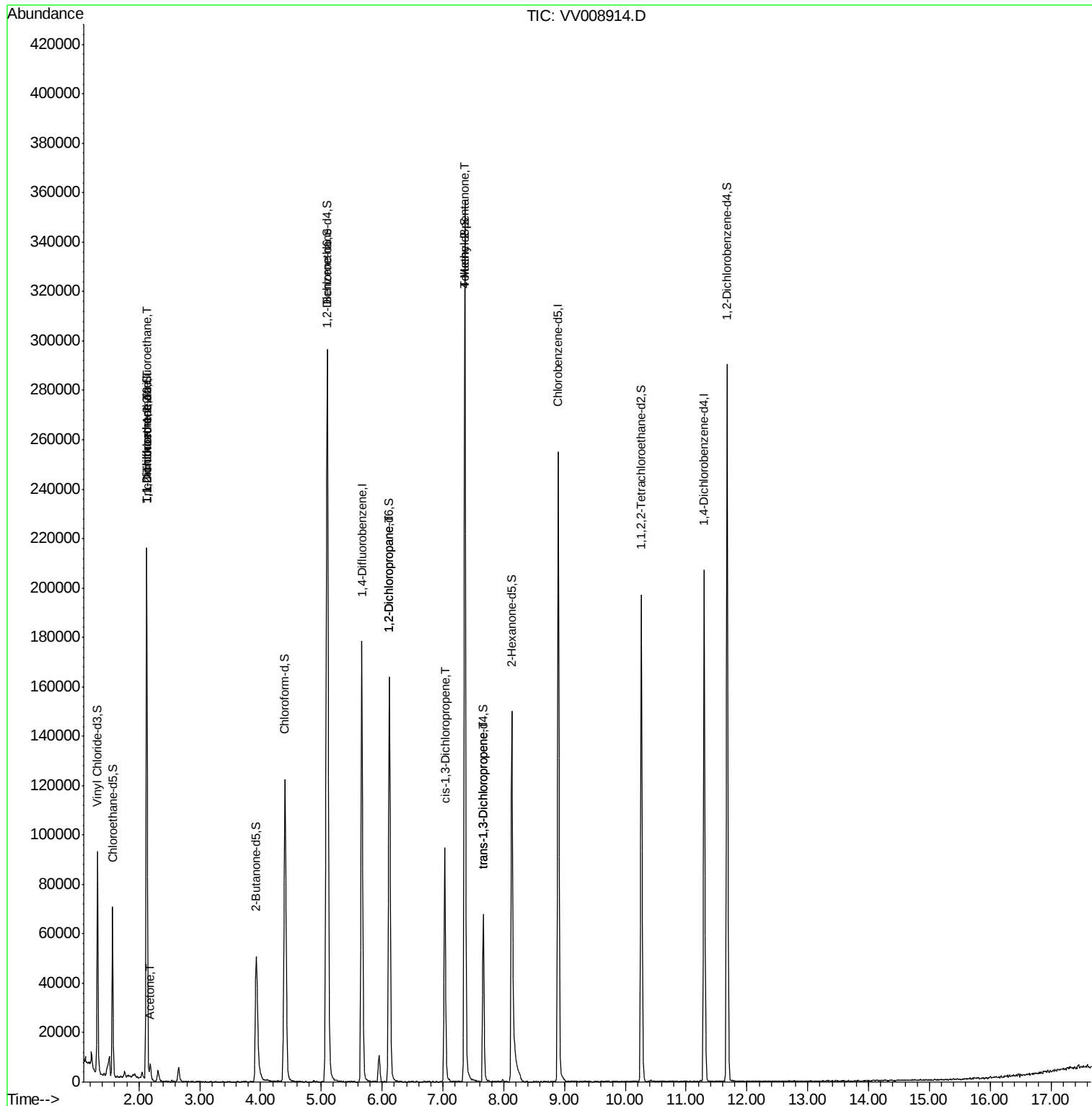
					Qvalue
9) Trichlorofluoromethane	2.13	101	1247	0.700 ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1272	1.166 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1101	1.109 ug/L #	1
13) Acetone	2.19	43	3048	3.253 ug/L	97
37) 1,2-Dichloropropane	6.12	63	9184	8.879 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2395	1.452 ug/L #	78
40) 4-Methyl-2-pentanone	7.36	43	945	0.791 ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	1808	1.176 ug/L	92

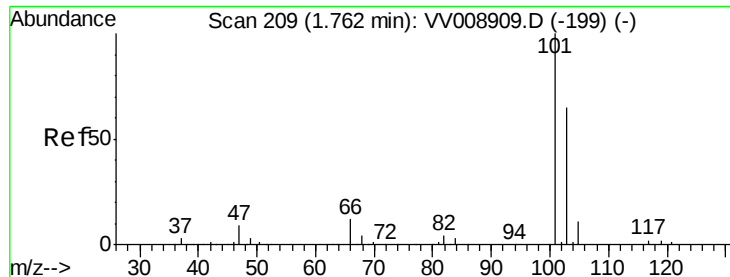
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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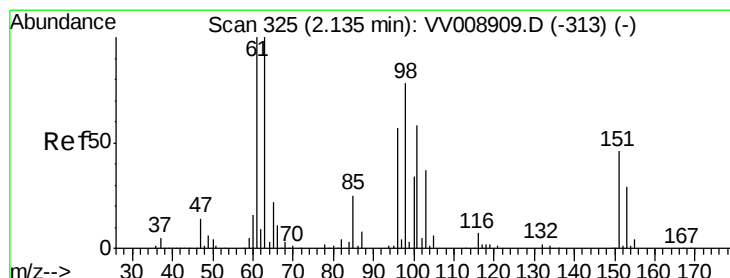
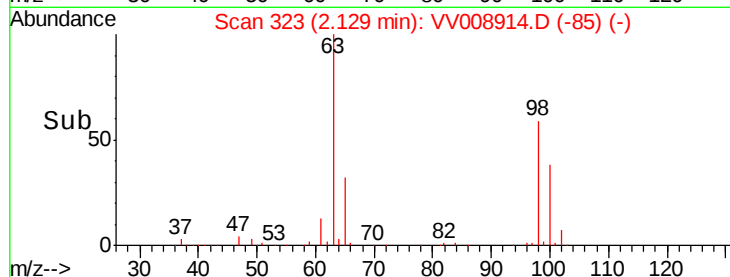
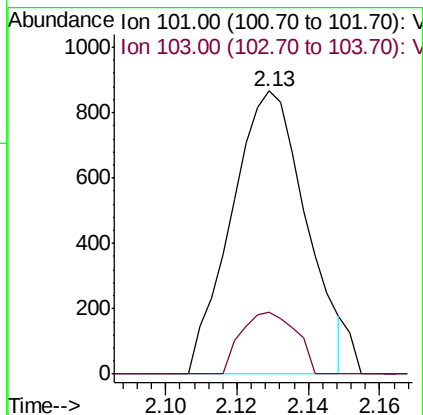
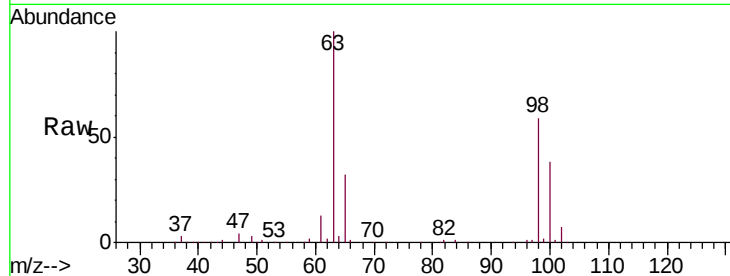


#9

Trichlorofluoromethane
 Concen: 0.700 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008914.D
 Acq: 13 Dec 2018 17:25

Instrument :
 MSVOA_V
 ClientSampleId :
 COL40

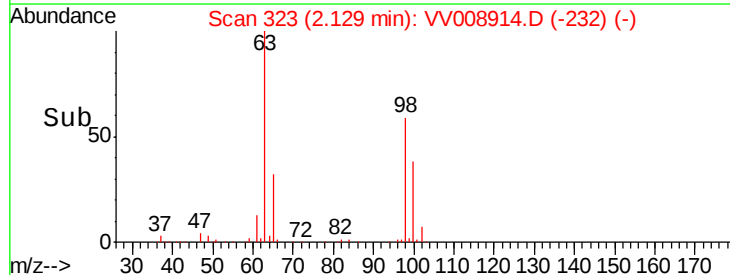
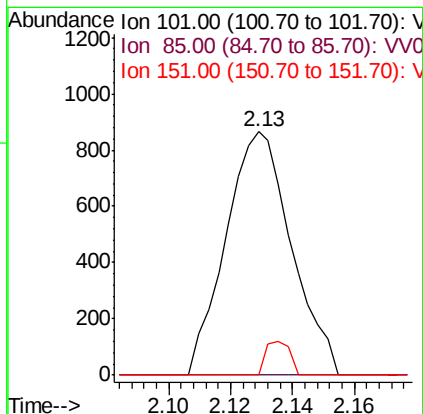
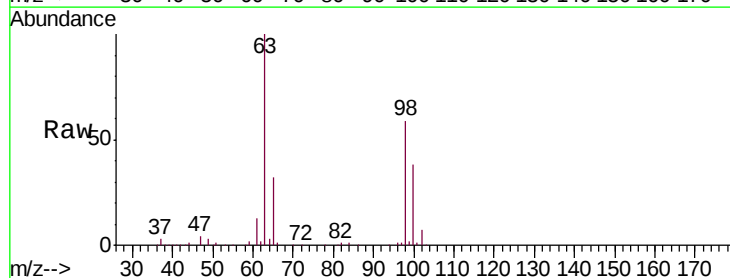
Tgt Ion:101 Resp: 1247
 Ion Ratio Lower Upper
 101 100
 103 16.2 51.5 77.3#

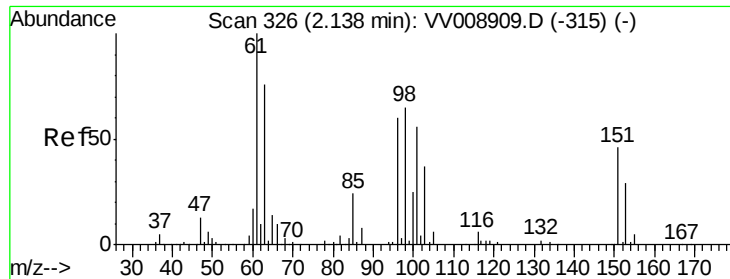


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.166 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008914.D
 Acq: 13 Dec 2018 17:25

Tgt Ion:101 Resp: 1272
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 5.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 1.109 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008914.D

Acq: 13 Dec 2018 17:25

Instrument :

MSVOA_V

ClientSampled :

COL40

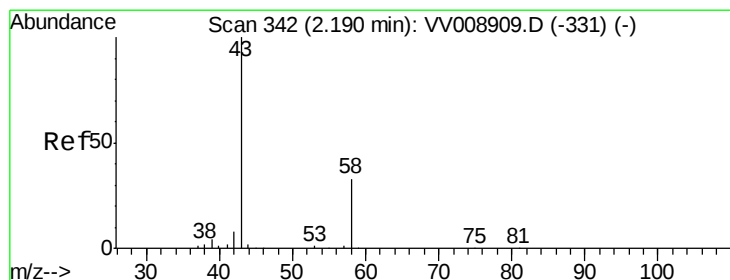
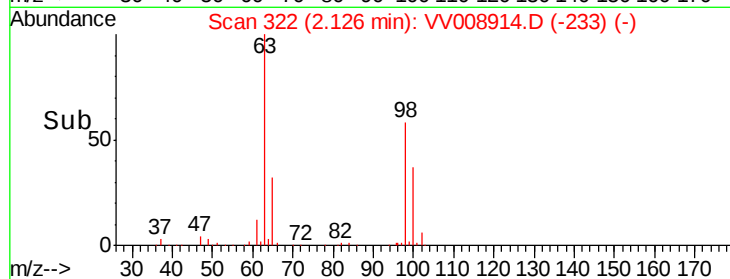
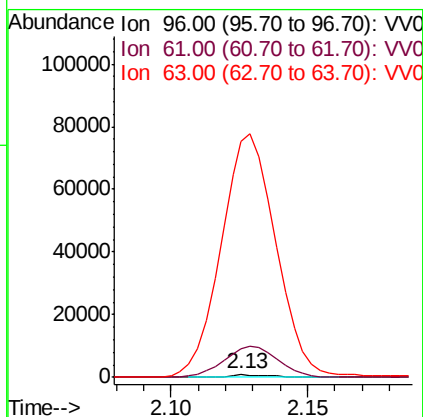
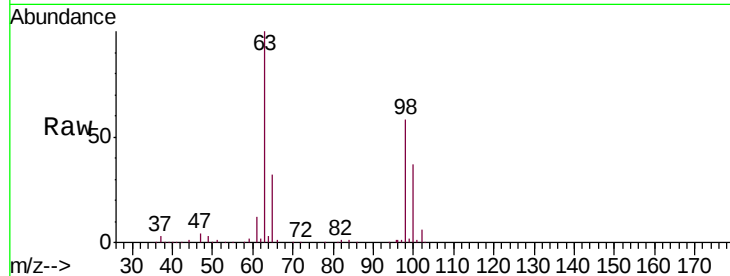
Tgt Ion: 96 Resp: 1101

Ion Ratio Lower Upper

96 100

61 847.3 119.1 221.3#

63 6912.8 96.0 178.2#



#13

Acetone

Concen: 3.253 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV008914.D

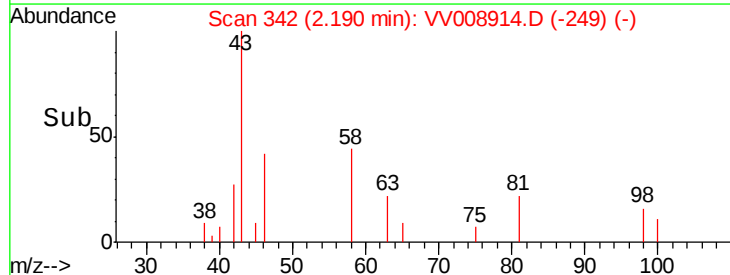
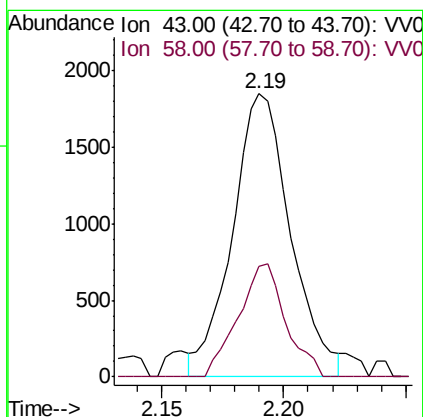
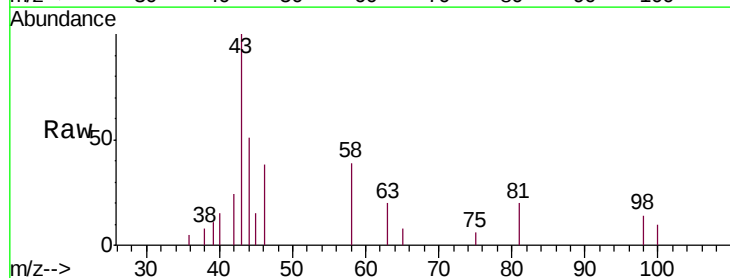
Acq: 13 Dec 2018 17:25

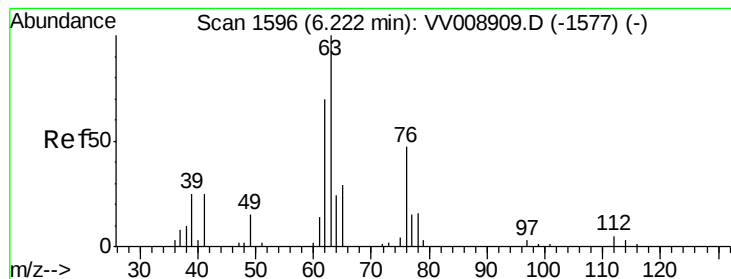
Tgt Ion: 43 Resp: 3048

Ion Ratio Lower Upper

43 100

58 32.5 0.0 61.8





#37

1,2-Dichloropropane

Concen: 8.879 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008914.D

Acq: 13 Dec 2018 17:25

Instrument :

MSVOA_V

ClientSampleId :

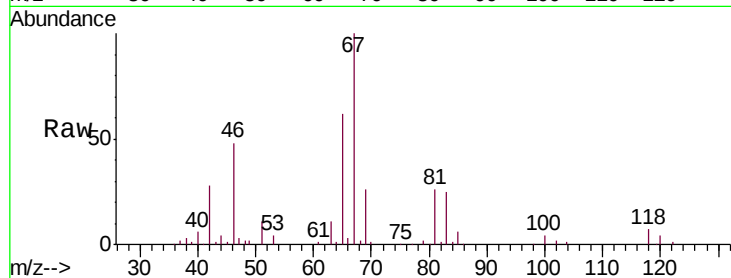
COL40

Tgt Ion: 63 Resp: 9184

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008909.D (-1577) (-)

Ion 112.00 (111.70 to 112.70): VV008909.D (-1577) (-)

5000

4000

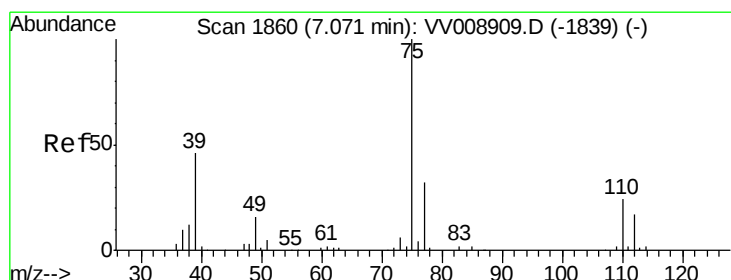
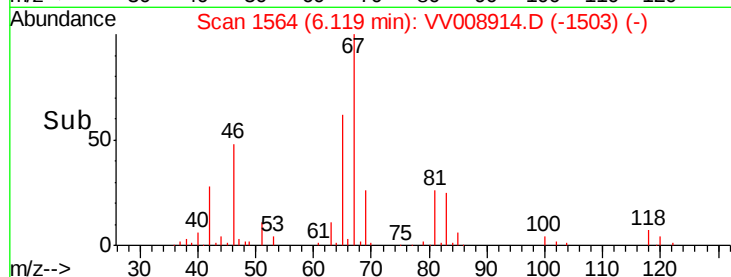
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.452 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV008914.D

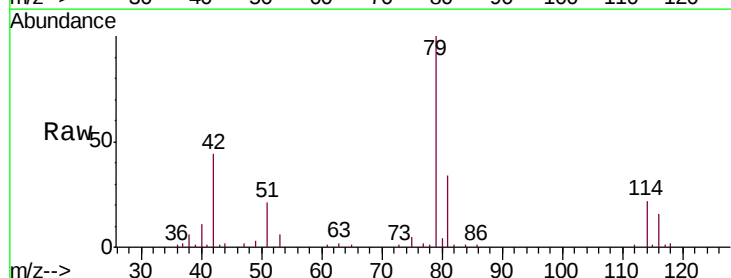
Acq: 13 Dec 2018 17:25

Tgt Ion: 75 Resp: 2395

Ion Ratio Lower Upper

75 100

77 43.2 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008909.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008909.D (-1839) (-)

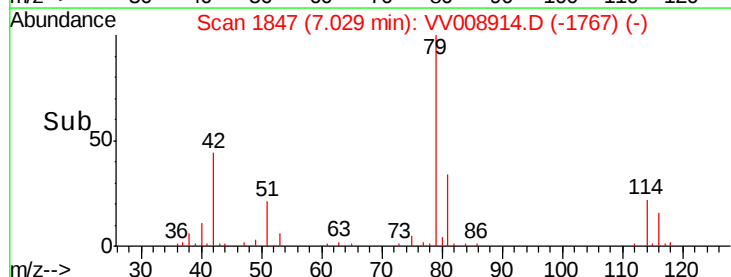
1500

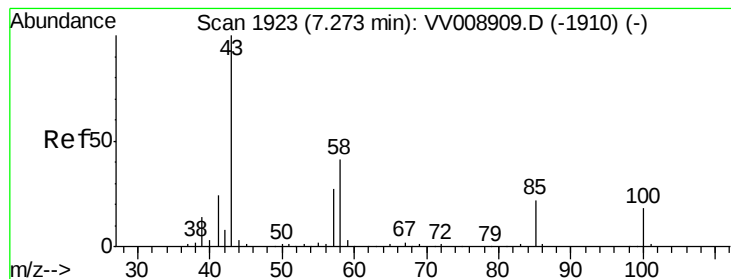
1000

500

0

Time-->





#40

4-Methyl-2-pentanone

Concen: 0.791 ug/L

RT: 7.36 min Scan# 1950

Delta R.T. 0.09 min

Lab File: VV008914.D

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ClientSampleId :

COL40

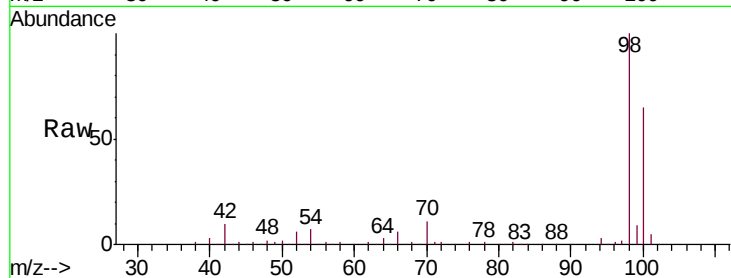
Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

43 100

58 179.9 33.4 50.0#

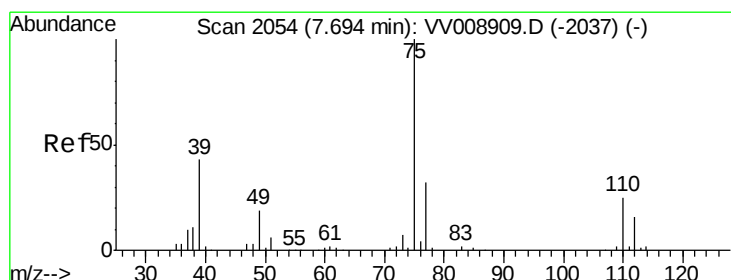
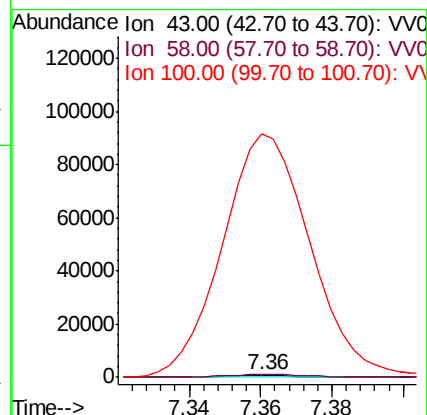
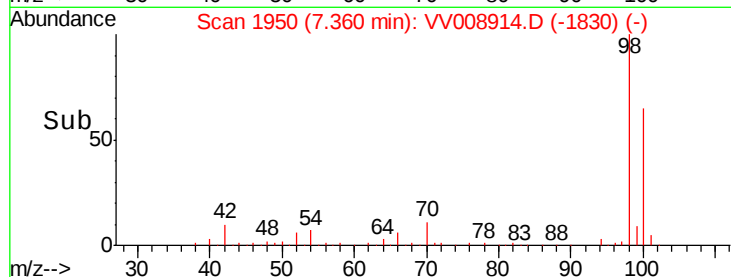
100 16674.4 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008914.D (-1910) (-)

Ion 58.00 (57.70 to 58.70): VV008914.D (-1910) (-)

Ion 100.00 (99.70 to 100.70): VV008914.D (-1910) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.176 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008914.D

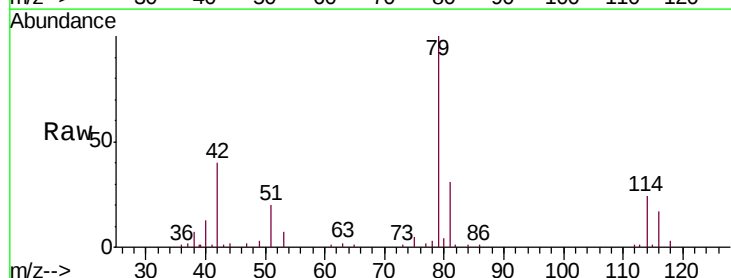
Acq: 13 Dec 2018 17:25

Tgt Ion: 75 Resp: 1808

Ion Ratio Lower Upper

75 100

77 35.5 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008914.D (-1961) (-)

Ion 77.00 (76.70 to 77.70): VV008914.D (-1961) (-)

