

Data File : VV011398.D
Acq On : 11 Jun 2019 17:30
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK52

Quant Time: Jun 12 02:54:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128752	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38626	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.56	69	35984	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	66814	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.95	46	120346	54.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.58%
24) Chloroform-d	4.40	84	84768	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	49137	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	170149	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	53587	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	145625	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.66	79	14448	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	90507	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35621	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	47984	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

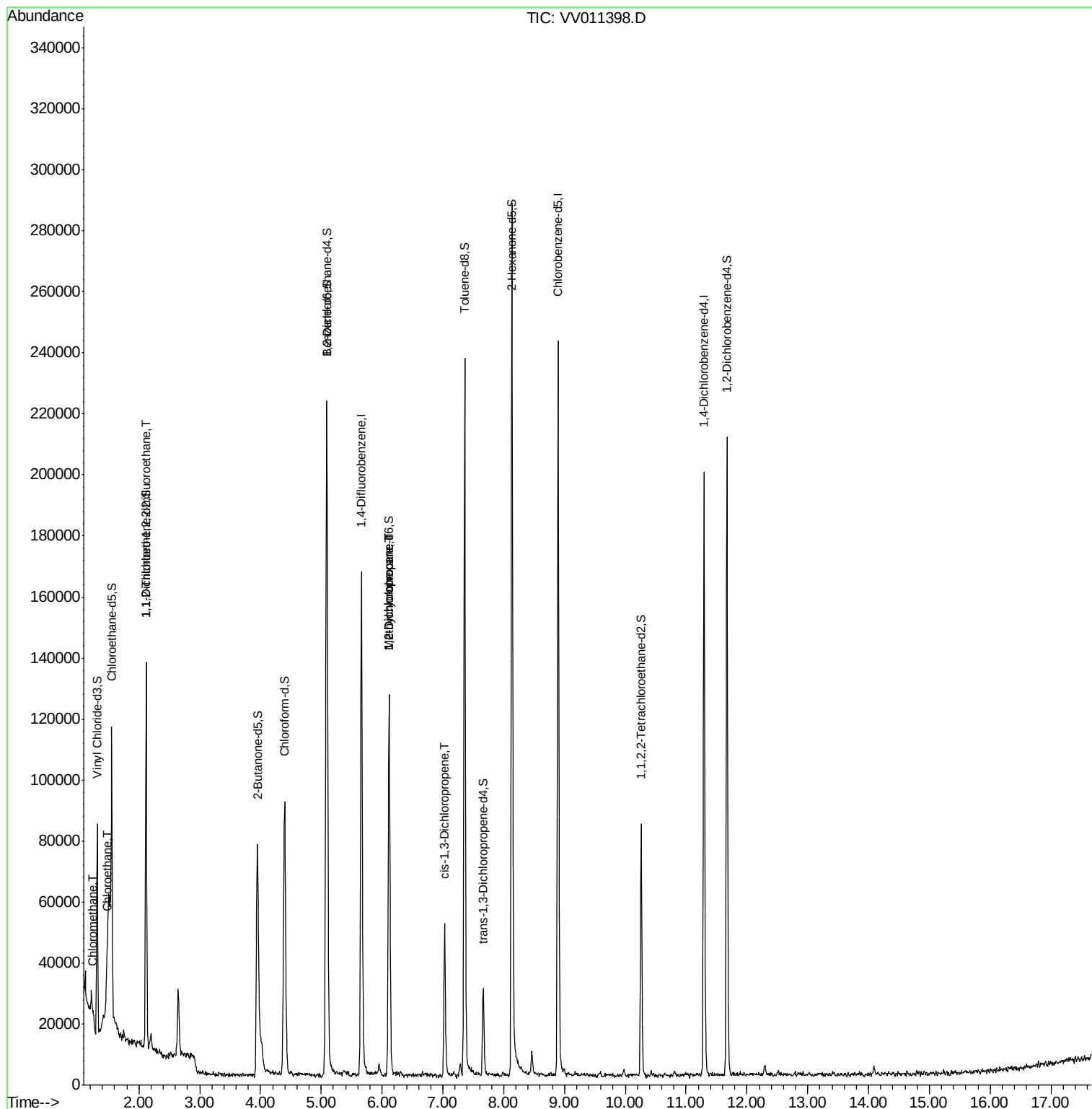
					Qvalue
3) Chloromethane	1.25	50	1721	0.140 ug/L #	83
8) Chloroethane	1.47	64	871	0.115 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	770	0.092 ug/L #	24
35) Methylcyclohexane	6.11	83	13232	0.813 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6236	0.658 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1357	0.098 ug/L #	62

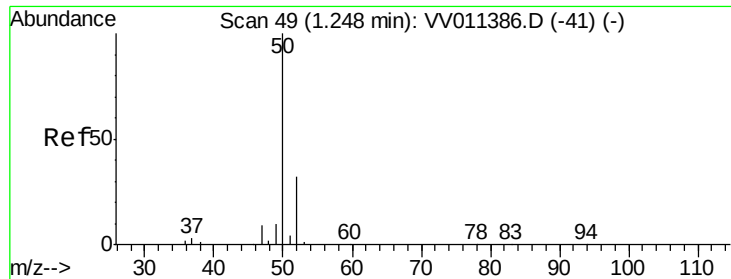
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.140 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 17:30

Instrument :

MSVOA_V

ClientSampleId :

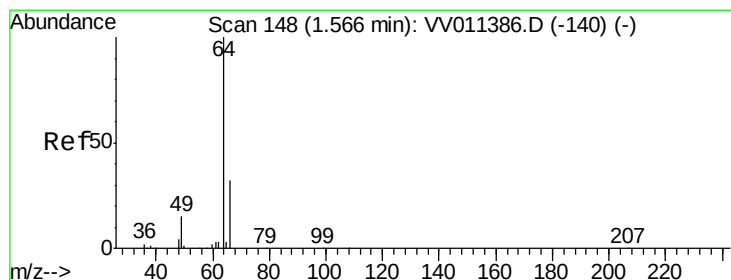
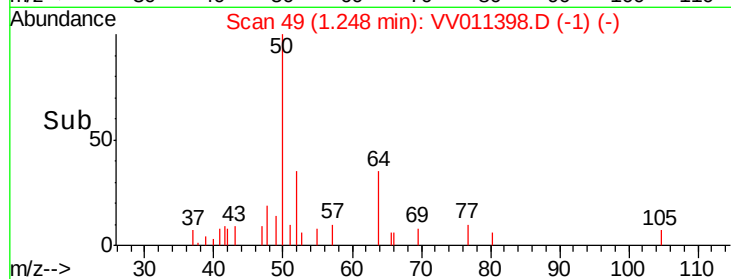
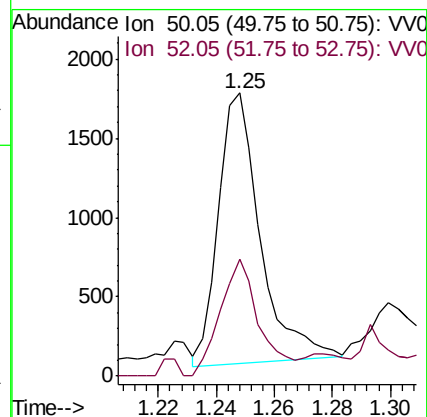
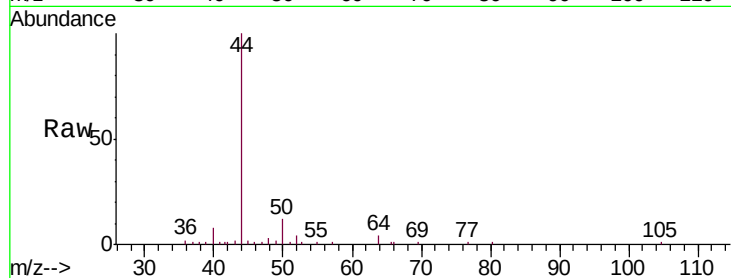
VIBLK52

Tgt Ion: 50 Resp: 1721

Ion Ratio Lower Upper

50 100

52 41.5 22.3 41.5#



#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.47 min Scan# 117

Delta R.T. -0.10 min

Lab File: VV011398.D

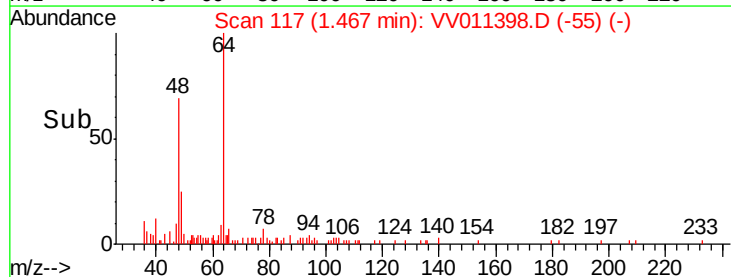
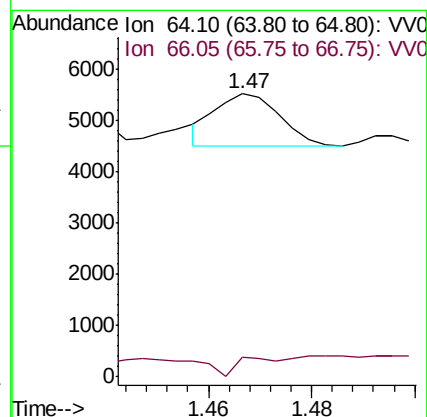
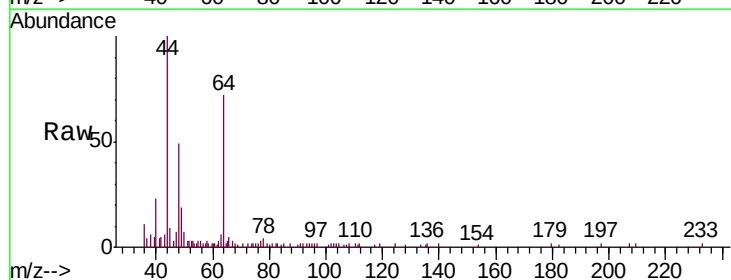
Acq: 11 Jun 2019 17:30

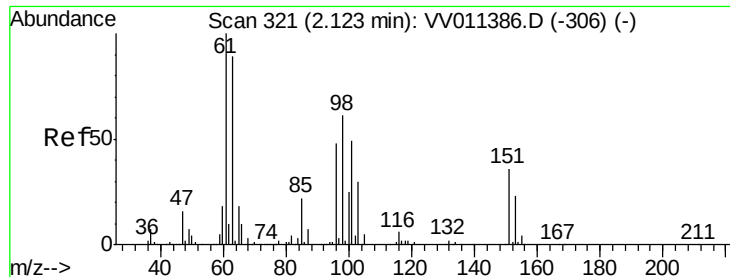
Tgt Ion: 64 Resp: 871

Ion Ratio Lower Upper

64 100

66 6.8 19.4 36.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.092 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VIBLK52

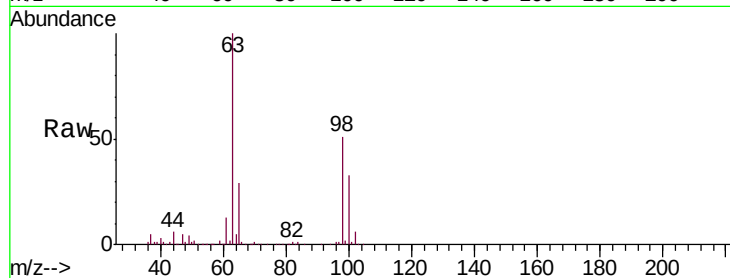
Tgt Ion:101 Resp: 770

Ion Ratio Lower Upper

101 100

85 5.2 35.5 53.3#

151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

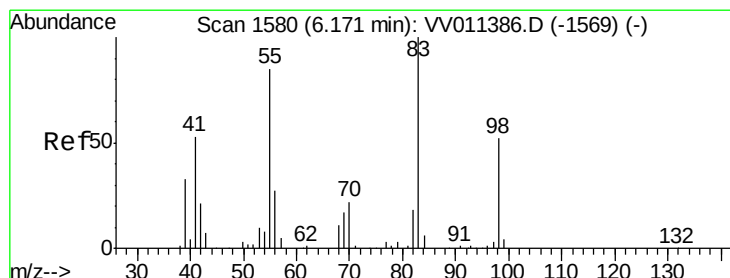
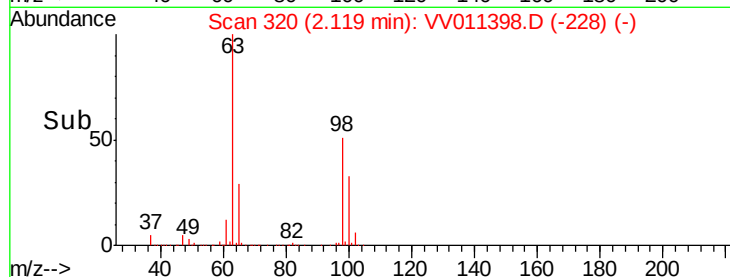
400

200

0

2.10 2.15

Time-->



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011398.D

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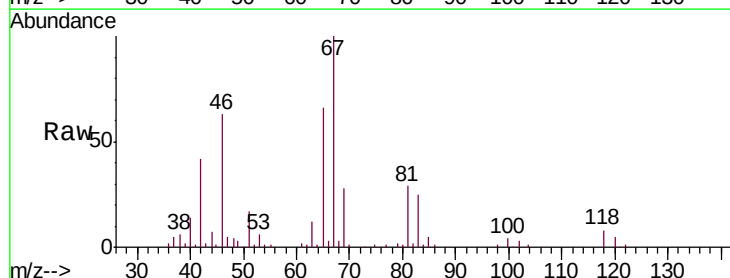
Tgt Ion: 83 Resp: 13232

Ion Ratio Lower Upper

83 100

55 0.9 67.0 100.6#

98 1.3 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

8000

6000

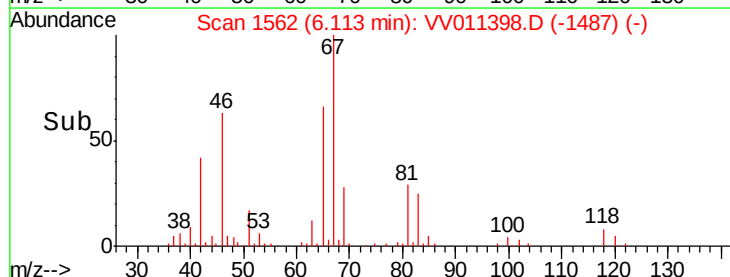
4000

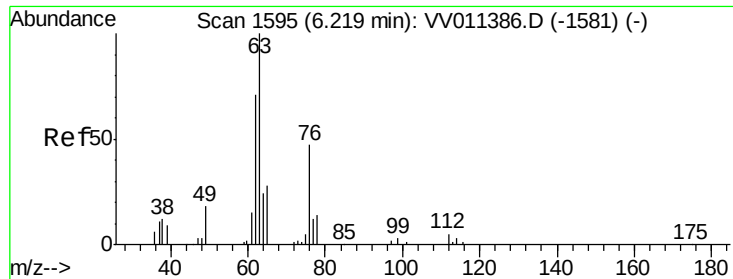
2000

0

6.05 6.10 6.15 6.20

Time-->

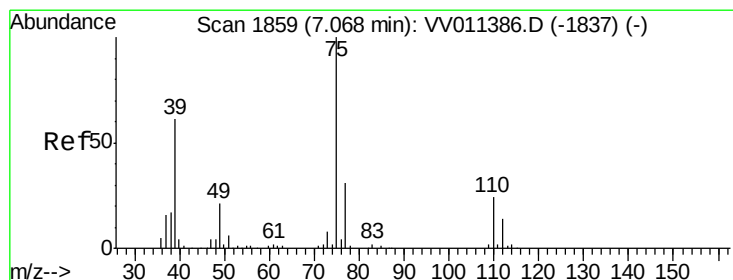
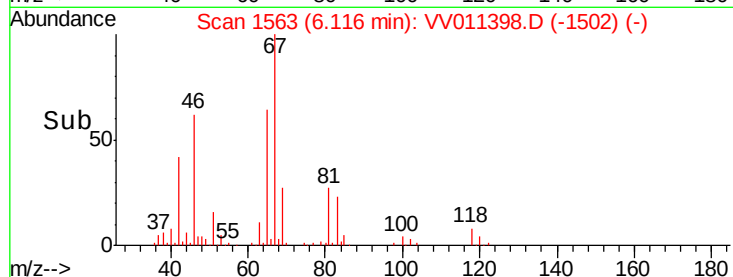
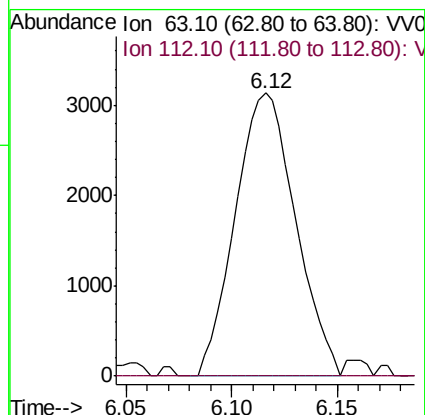
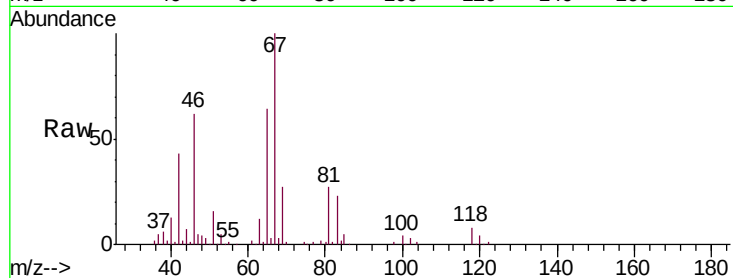




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011398.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK52

Tgt Ion: 63 Resp: 6236
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011398.D
 Acq: 11 Jun 2019 17:30

Tgt Ion: 75 Resp: 1357
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.2 41.2#

