

Data File : VV011700.D
Acq On : 21 Jun 2019 22:47
Operator : SY/MD
Sample : K3462-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCT1

Quant Time: Jun 24 05:45:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152709	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43724	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	33135	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	69591	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	159053	59.57	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.14%
24) Chloroform-d	4.40	84	79153	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	58463	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	193349	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	61832	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	164782	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	17810	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	115284	55.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45129	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	55531	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

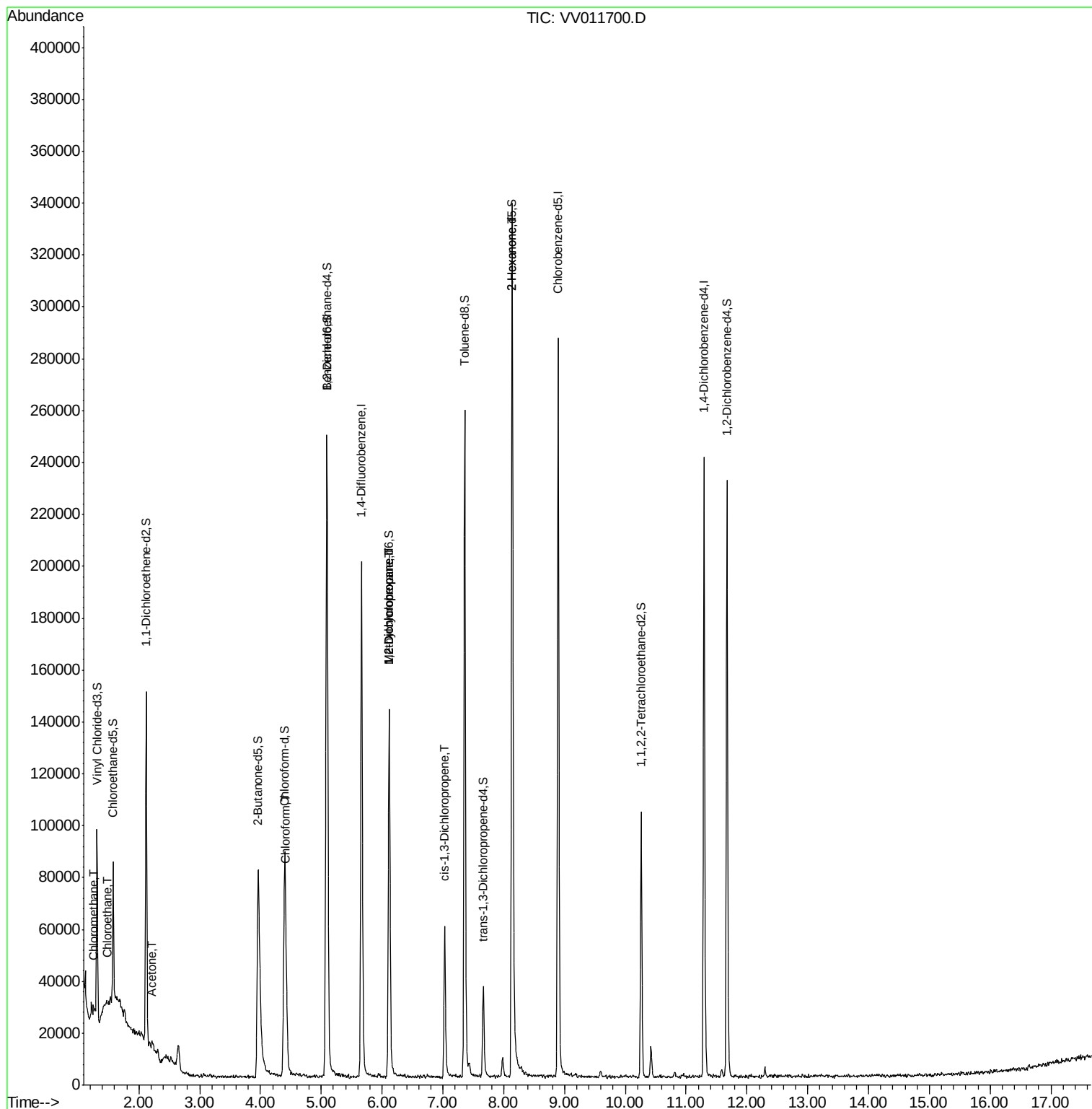
					Qvalue
3) Chloromethane	1.25	50	1893	0.131 ug/L	84
8) Chloroethane	1.49	64	38241	5.182 ug/L #	61
13) Acetone	2.22	43	4169	2.162 ug/L	74
25) Chloroform	4.42	83	19525	0.805 ug/L	98
35) Methylcyclohexane	6.12	83	15163	0.725 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7785	0.628 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1602	0.098 ug/L	84
48) 2-Hexanone	8.14	43	16163	2.956 ug/L #	76

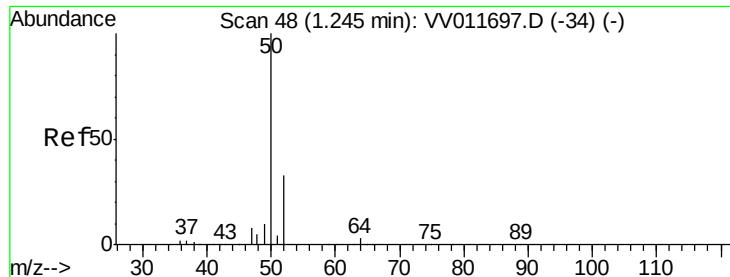
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.131 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011700.D

Acq: 21 Jun 2019 22:47

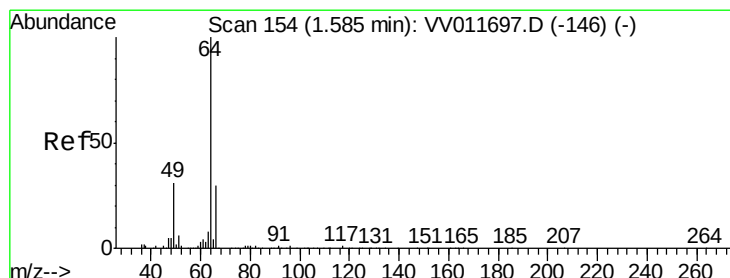
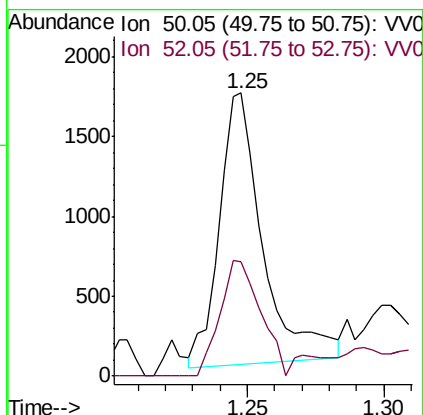
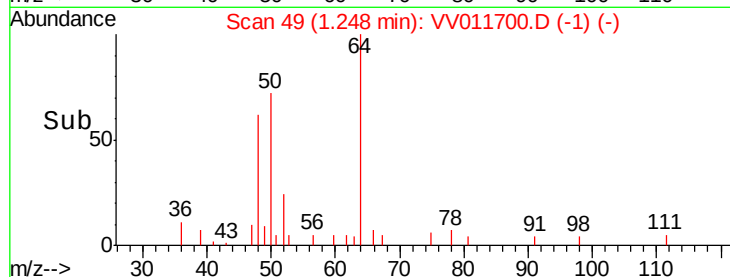
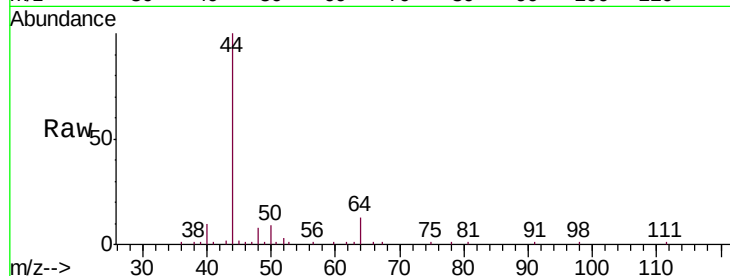
Instrument :
MSVOA_V
ClientSampled :
BFCT1

Tgt Ion: 50 Resp: 1893

Ion Ratio Lower Upper

50 100

52 40.5 22.0 40.8



#8

Chloroethane

Concen: 5.182 ug/L

RT: 1.49 min Scan# 124

Delta R.T. -0.10 min

Lab File: VV011700.D

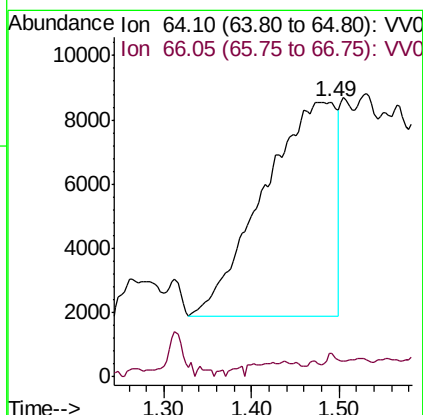
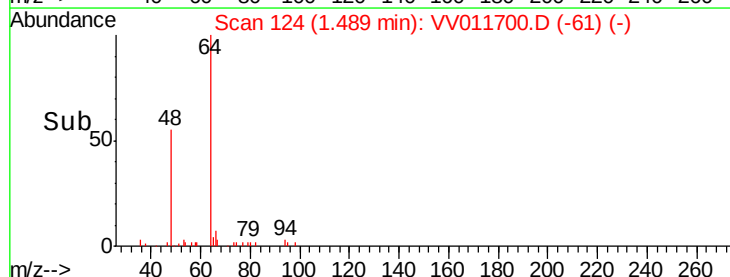
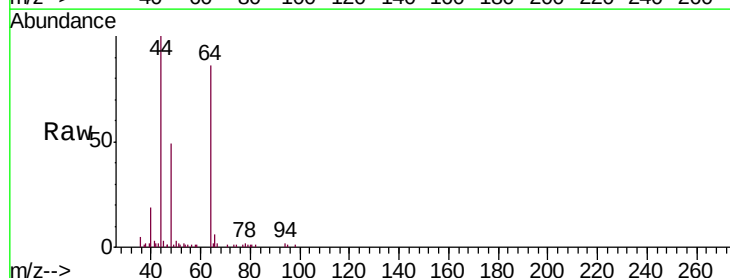
Acq: 21 Jun 2019 22:47

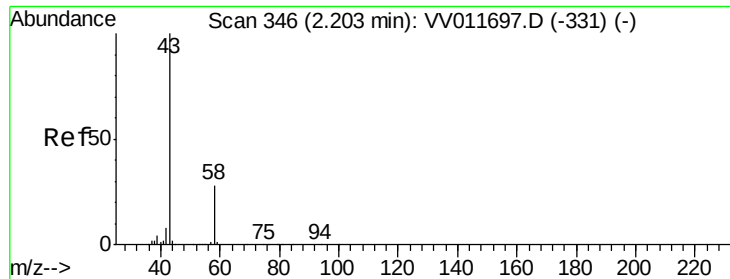
Tgt Ion: 64 Resp: 38241

Ion Ratio Lower Upper

64 100

66 8.4 20.6 38.4#





#13

Acetone

Concen: 2.162 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV011700.D

Acq: 21 Jun 2019 22:47

Instrument :

MSVOA_V

ClientSampleId :

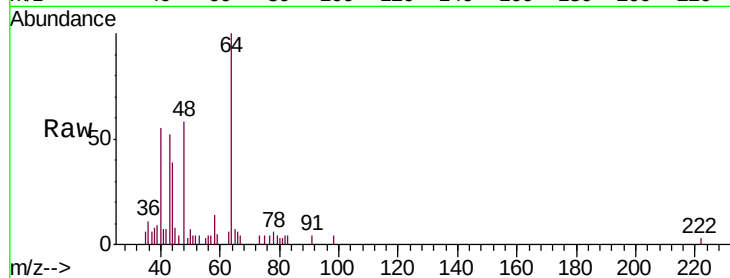
BFCT1

Tgt Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

58 41.9 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011697.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011697.D (-331) (-)

2000

1500

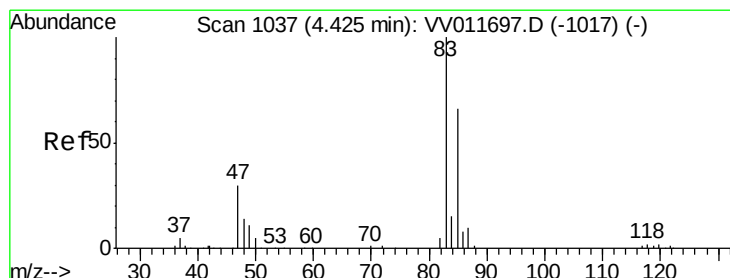
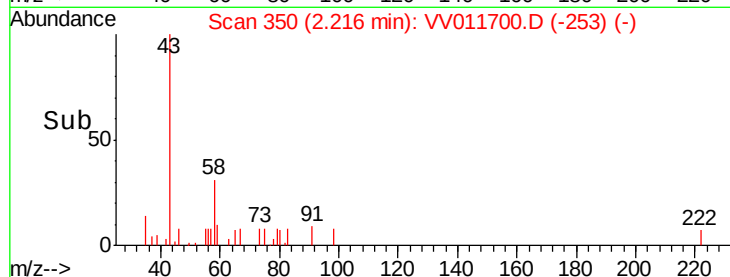
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#25

Chloroform

Concen: 0.805 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011700.D

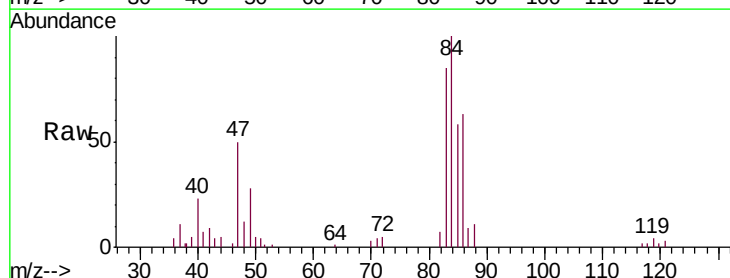
Acq: 21 Jun 2019 22:47

Tgt Ion: 83 Resp: 19525

Ion Ratio Lower Upper

83 100

85 68.5 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV011697.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011697.D (-1017) (-)

8000

6000

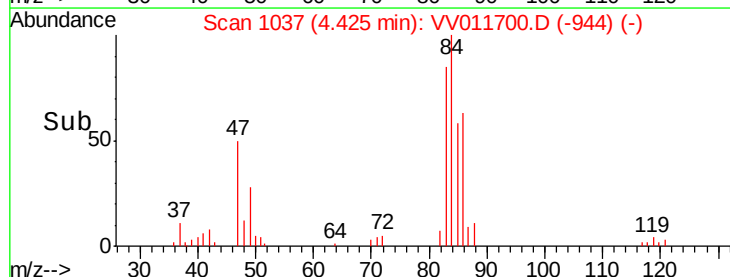
4000

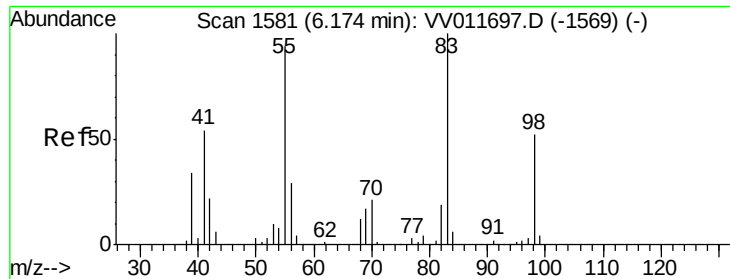
2000

0

4.35 4.40 4.45 4.50

Time-->

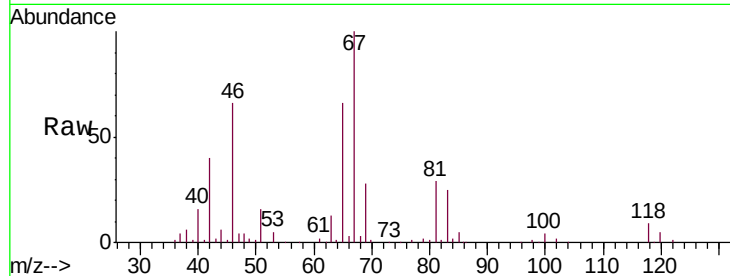




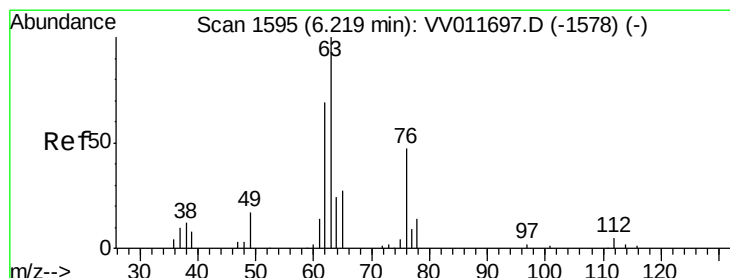
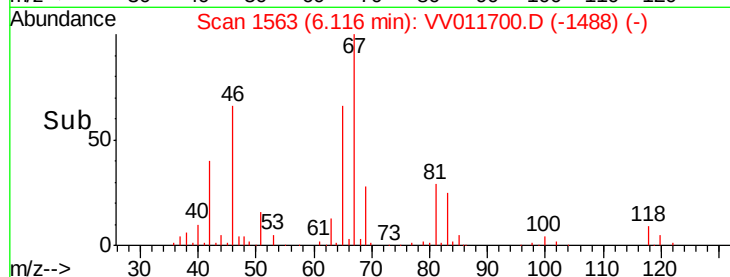
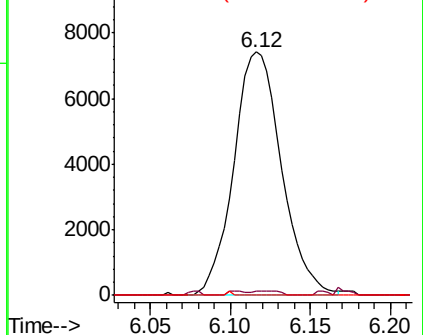
#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011700.D
Acq: 21 Jun 2019 22:47

Instrument :
MSVOA_V
ClientSampleId :
BFCT1

Tgt Ion: 83 Resp: 15163
Ion Ratio Lower Upper
83 100
55 0.9 69.4 104.2#
98 0.0 40.2 60.4#

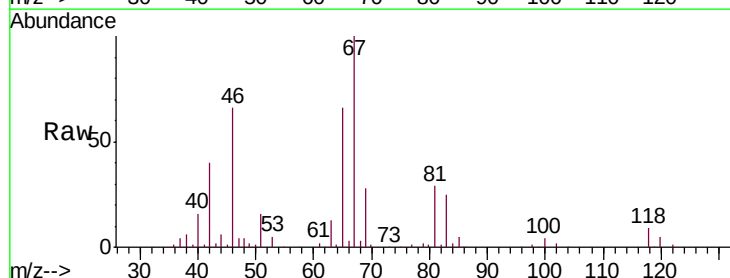


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

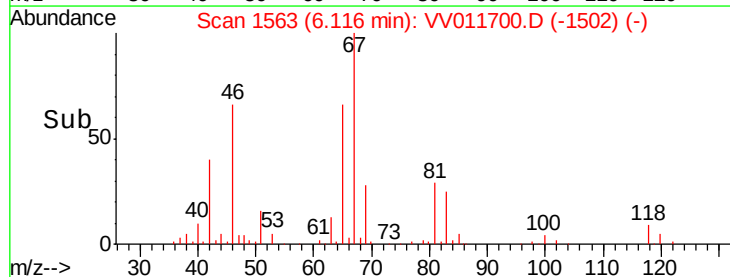
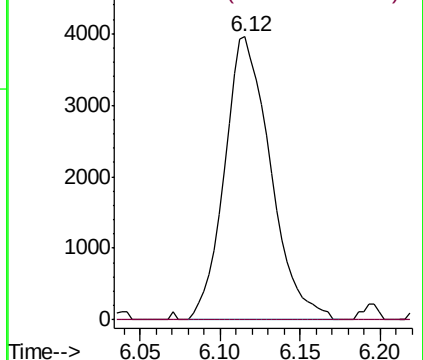


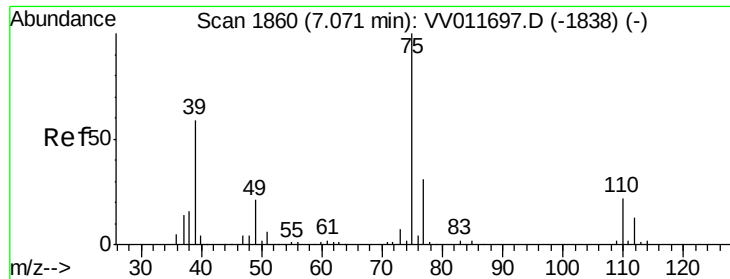
#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011700.D
Acq: 21 Jun 2019 22:47

Tgt Ion: 63 Resp: 7785
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

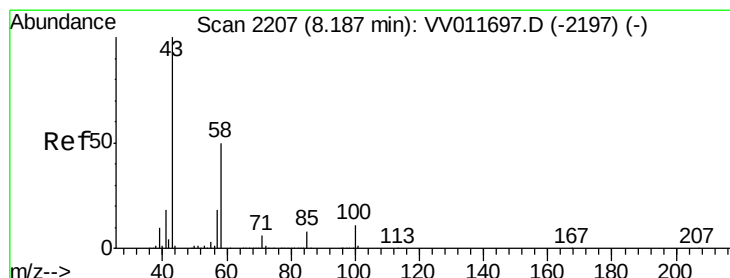
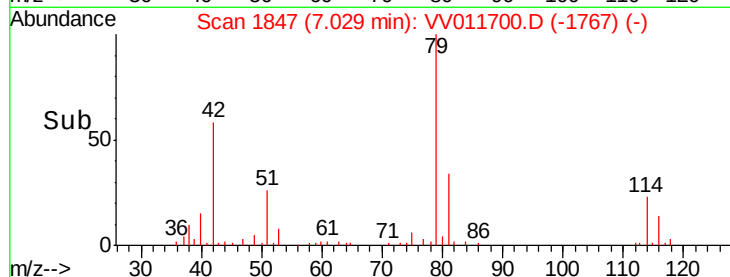
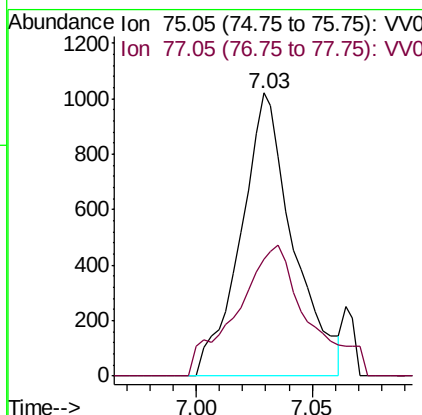
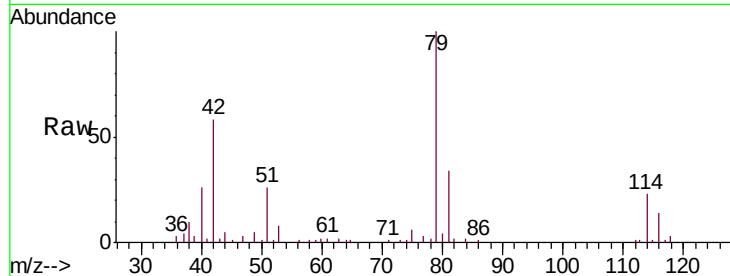




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011700.D
 Acq: 21 Jun 2019 22:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT1

Tgt Ion: 75 Resp: 1602
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.4 41.6



#48
 2-Hexanone
 Concen: 2.956 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011700.D
 Acq: 21 Jun 2019 22:47

Tgt Ion: 43 Resp: 16163
 Ion Ratio Lower Upper
 43 100
 58 32.6 40.1 60.1#
 57 27.6 14.4 21.6#
 100 2.0 8.6 12.8#

