

Data File : VV012890.D
Acq On : 18 Sep 2019 12:34
Operator : SY/MD
Sample : K4892-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 19 01:04:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375891	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171229	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	147374	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	214372	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.99	46	290760	37.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.64%
24) Chloroform-d	4.40	84	291331	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	149229	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	603483	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	187178	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	487588	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	60257	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	232929	40.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	125759	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	167478	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

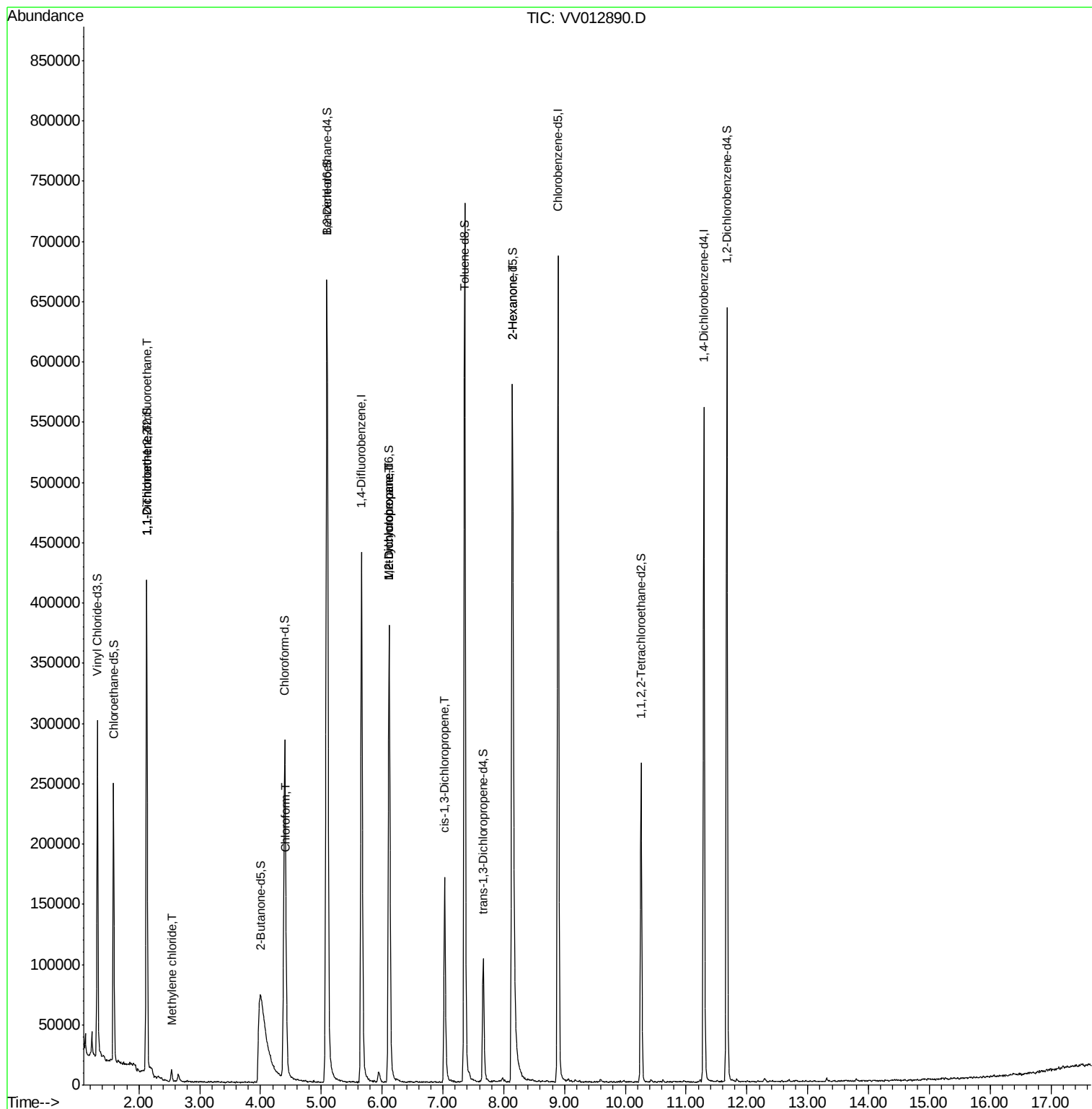
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2087	0.094	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1906	0.095	ug/L #	1
16) Methylene chloride	2.54	84	3746	0.151	ug/L	92
25) Chloroform	4.43	83	12378	0.238	ug/L	92
35) Methylcyclohexane	6.12	83	42872	1.274	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19450	0.733	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	3864	0.110	ug/L #	63
48) 2-Hexanone	8.14	43	37500	3.039	ug/L #	81

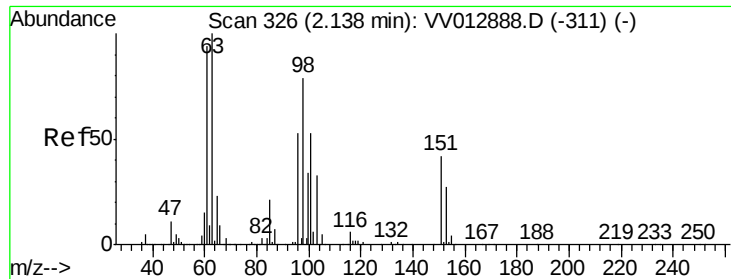
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012890.D

Acq: 18 Sep 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

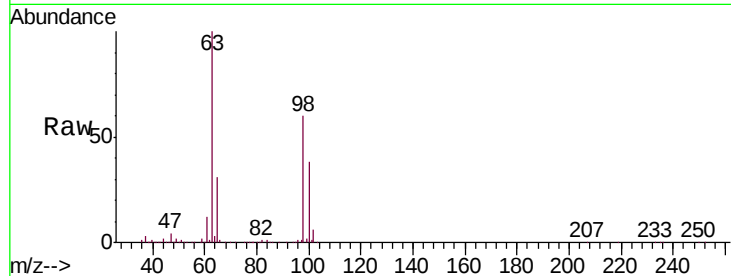
Tgt Ion: 101 Resp: 2087

Ion Ratio Lower Upper

101 100

85 2.9 33.5 50.3#

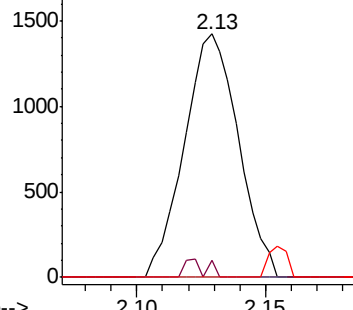
151 4.4 64.0 96.0#



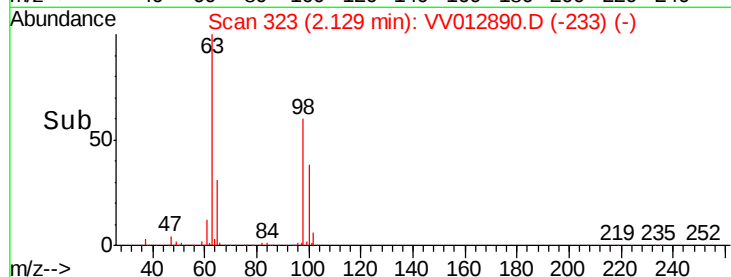
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012890.D

Acq: 18 Sep 2019 12:34

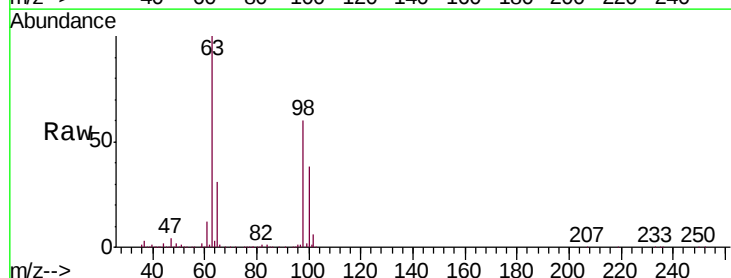
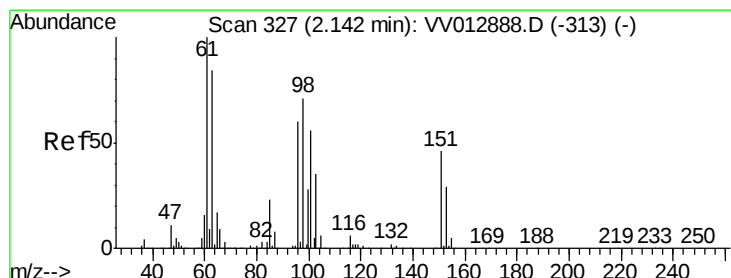
Tgt Ion: 96 Resp: 1906

Ion Ratio Lower Upper

96 100

61 1494.0 116.1 215.5#

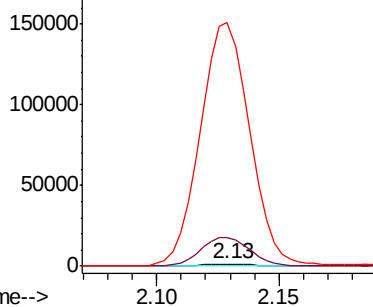
63 12729.8 113.3 210.3#



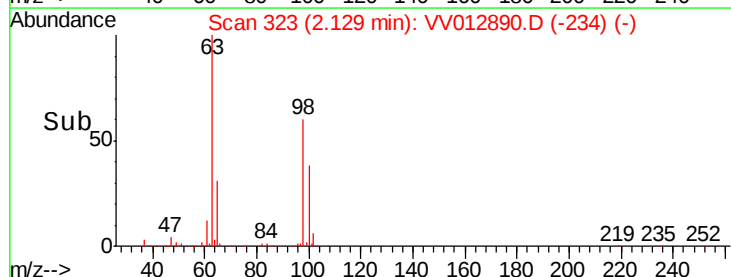
Abundance Ion 96.00 (95.70 to 96.70): VV0

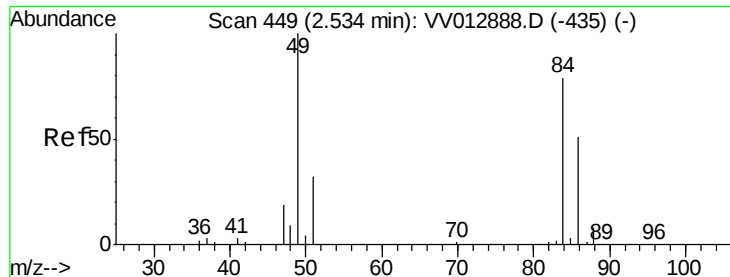
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

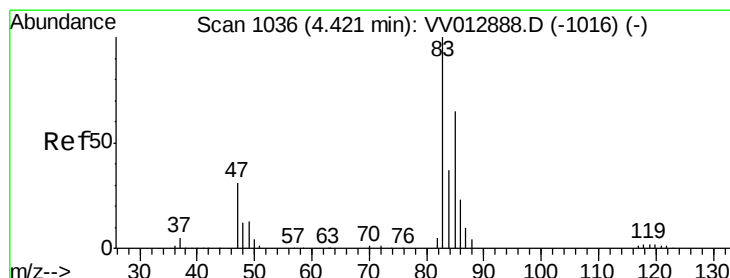
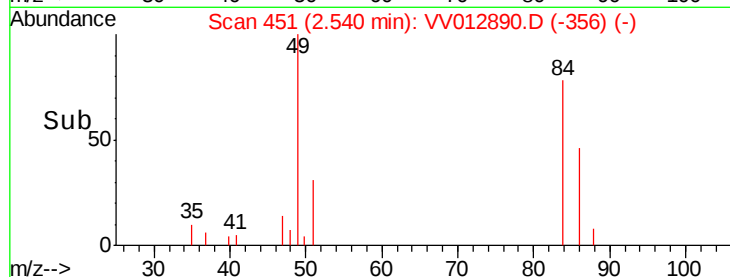
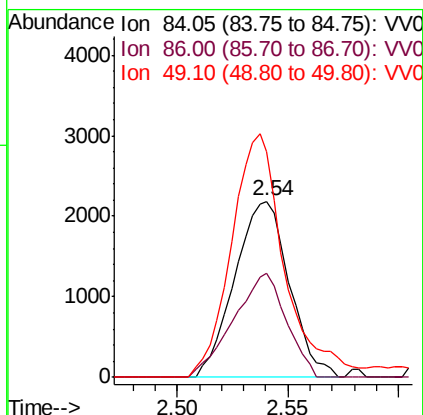
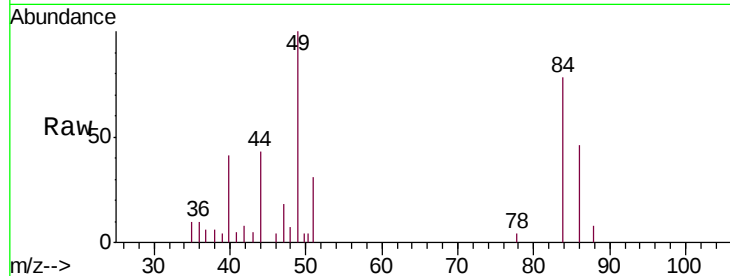




#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV012890.D
Acq: 18 Sep 2019 12:34

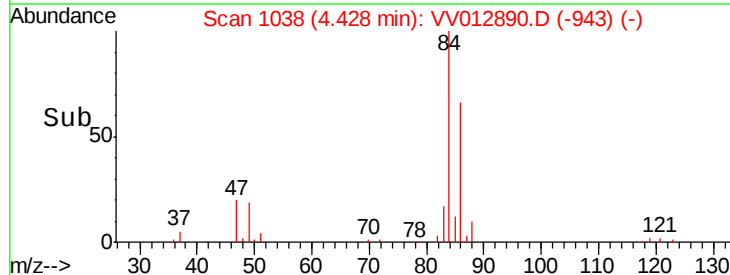
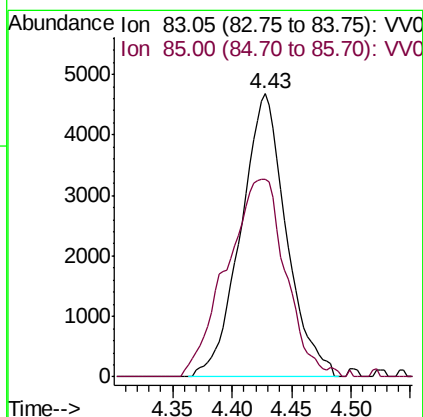
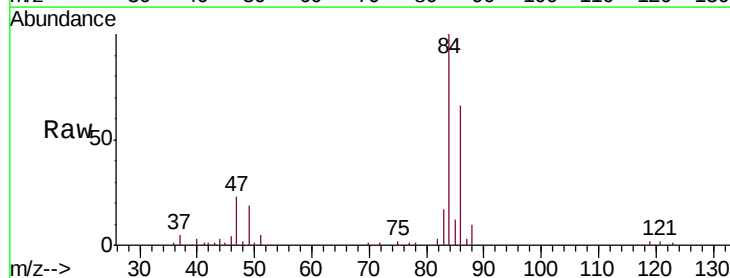
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

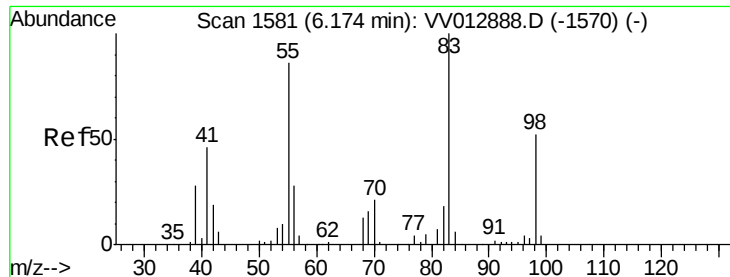
Tgt Ion: 84 Resp: 3746
Ion Ratio Lower Upper
84 100
86 59.1 44.8 83.2
49 133.4 85.9 159.5



#25
Chloroform
Concen: 0.238 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012890.D
Acq: 18 Sep 2019 12:34

Tgt Ion: 83 Resp: 12378
Ion Ratio Lower Upper
83 100
85 69.8 44.4 82.5



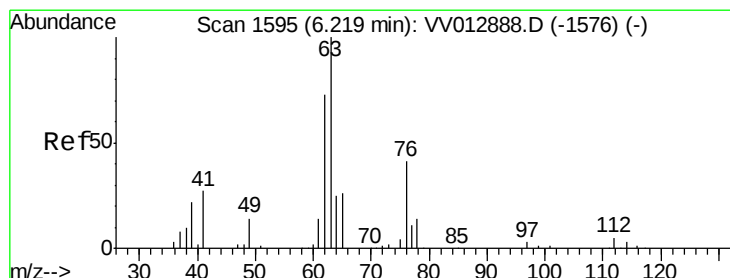
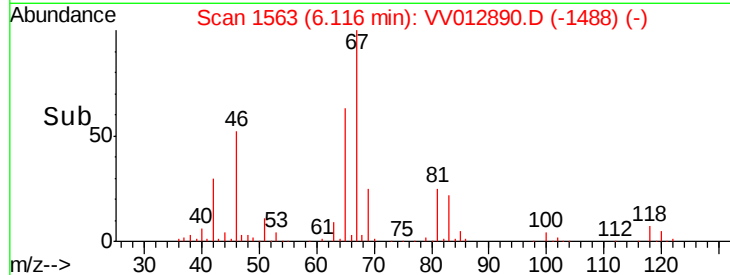
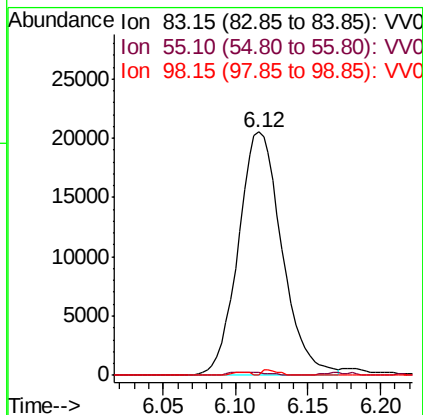
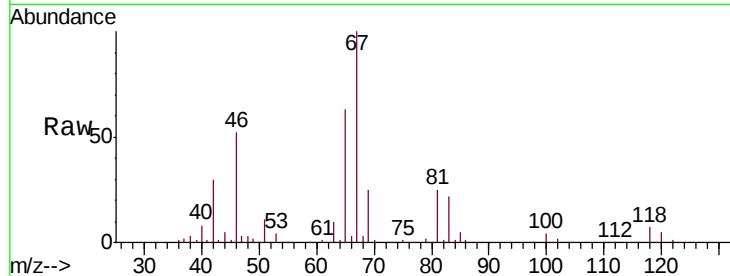


#35
Methylcyclohexane
Concen: 1.274 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012890.D
Acq: 18 Sep 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 42872

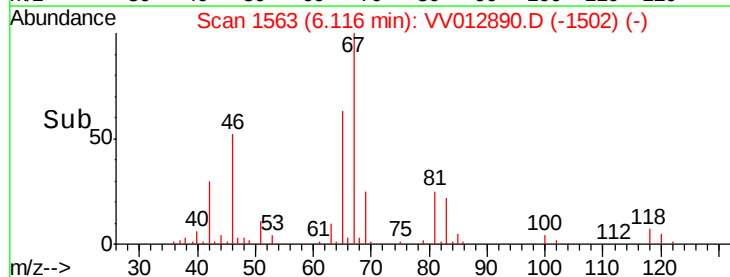
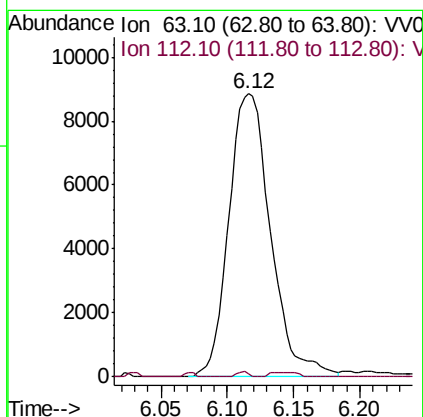
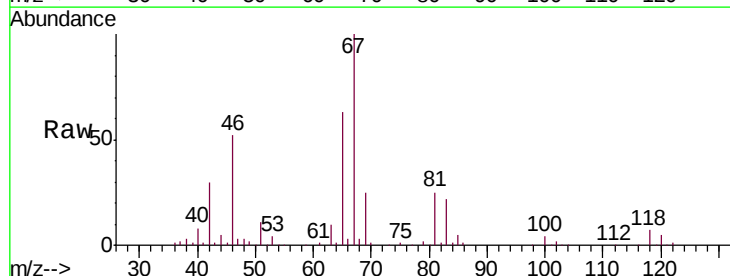
Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.8	95.6#
98	0.8	38.2	57.4#

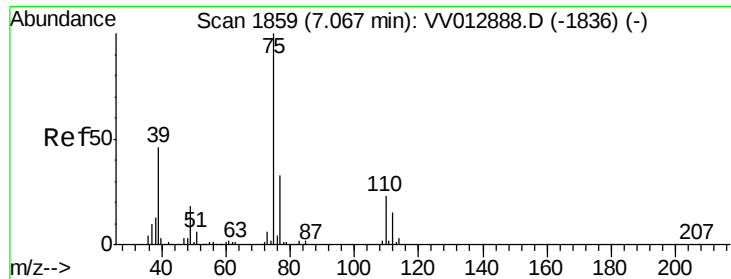


#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012890.D
Acq: 18 Sep 2019 12:34

Tgt Ion: 63 Resp: 19450

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV012890.D

Acq: 18 Sep 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

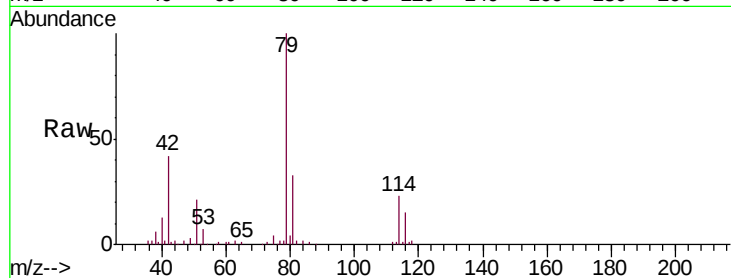
VHBLK01

Tgt Ion: 75 Resp: 3864

Ion Ratio Lower Upper

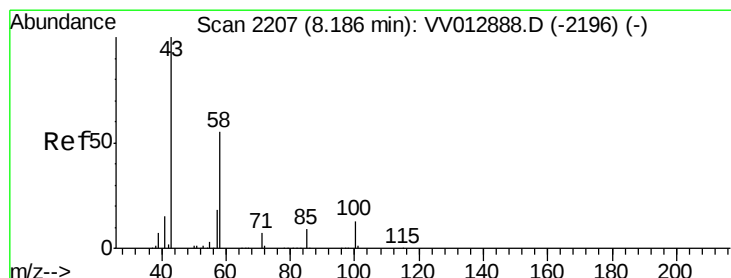
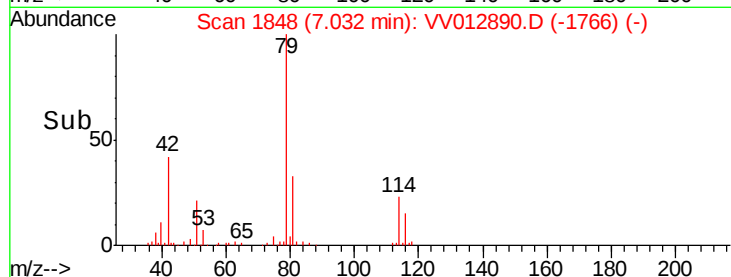
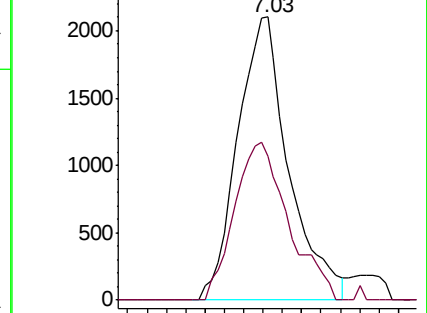
75 100

77 50.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.039 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV012890.D

Acq: 18 Sep 2019 12:34

Tgt Ion: 43 Resp: 37500

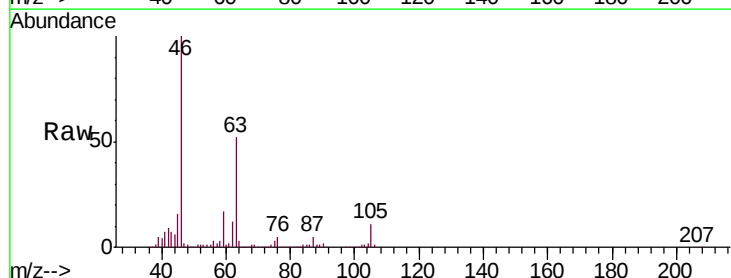
Ion Ratio Lower Upper

43 100

58 44.7 44.5 66.7

57 33.4 15.0 22.6#

100 4.8 9.7 14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

