

Data File : VV011421.D
Acq On : 12 Jun 2019 14:36
Operator : SY/MD
Sample : K3291-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 13 01:17:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154163	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42898	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	30489	3.14	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.80%#
11) 1,1-Dichloroethene-d2	2.12	63	69696	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.97	46	98189	37.34	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	4.40	84	78353	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.08	65	43935	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.09	84	157809	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
36) 1,2-Dichloropropane-d6	6.12	67	47705	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.20%
41) Toluene-d8	7.36	98	133674	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	7.67	79	13483	2.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.40%#
46) 2-Hexanone-d5	8.14	63	73523	35.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30673	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	40819	3.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

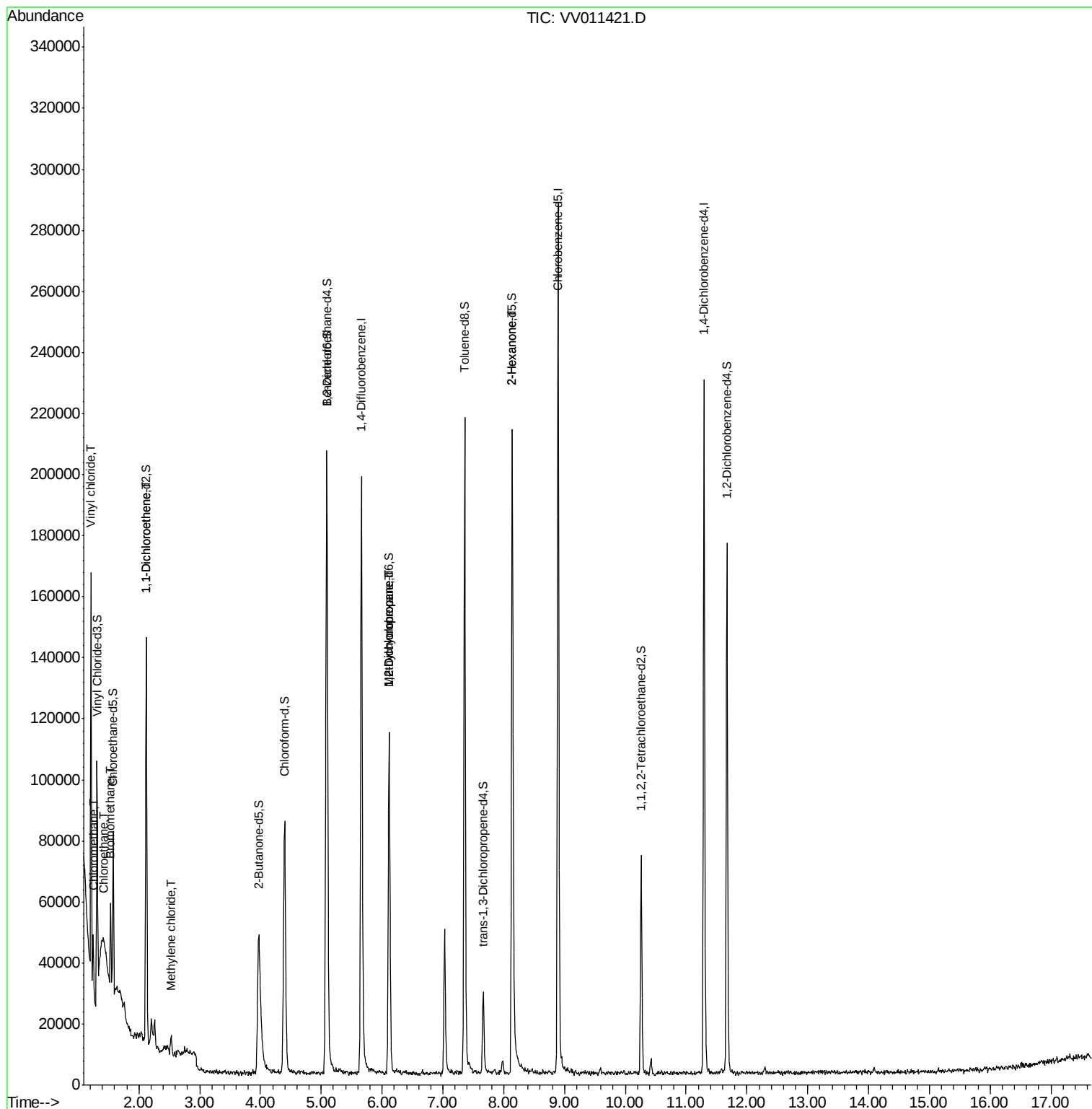
						Qvalue
3) Chloromethane	1.25	50	11964	0.814	ug/L	98
5) Vinyl chloride	1.21	62	1133	0.080	ug/L	100
6) Bromomethane	1.53	94	10722	1.453	ug/L	96
8) Chloroethane	1.42	64	93353	10.300	ug/L #	55
12) 1,1-Dichloroethene	2.12	96	1019	0.105	ug/L #	1
16) Methylene chloride	2.53	84	1899	0.190	ug/L	82
35) Methylcyclohexane	6.12	83	11726	0.611	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	6099	0.545	ug/L #	88
48) 2-Hexanone	8.14	43	12641	2.544	ug/L #	69

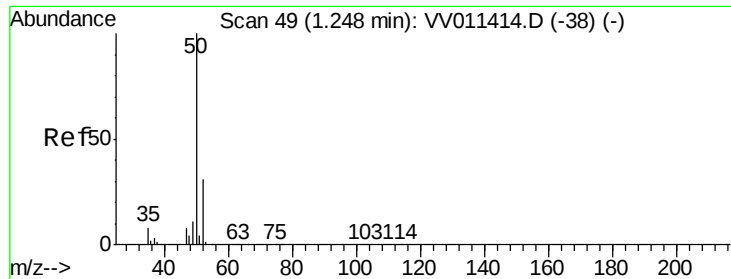
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.814 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 12 Jun 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

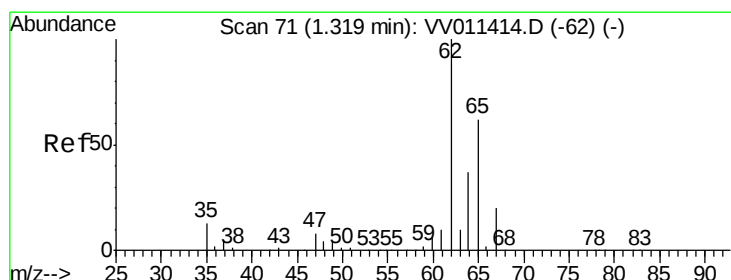
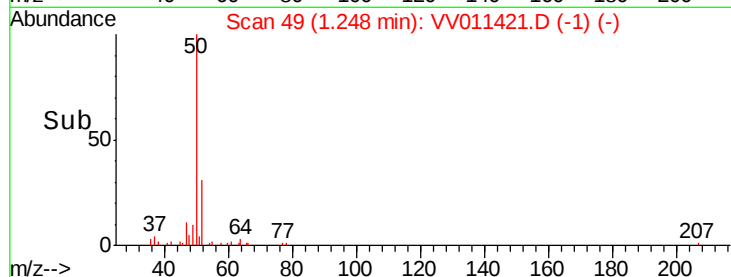
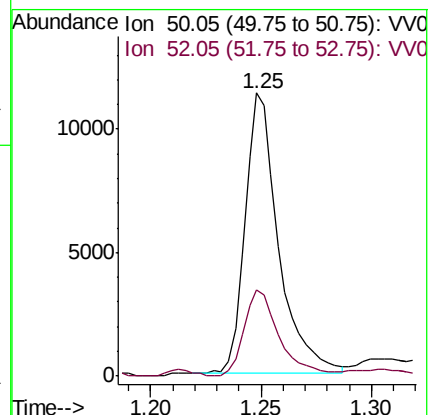
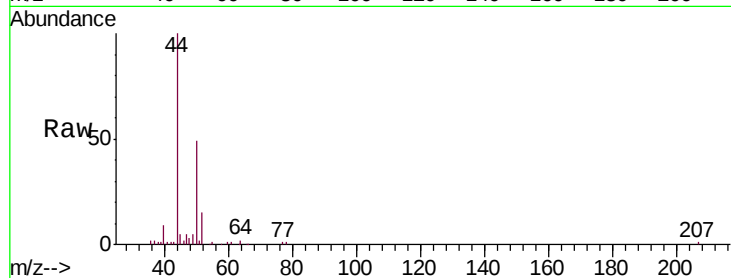
VHBLK01

Tgt Ion: 50 Resp: 11964

Ion Ratio Lower Upper

50 100

52 30.7 22.3 41.5



#5

Vinyl chloride

Concen: 0.080 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

Lab File: VV011421.D

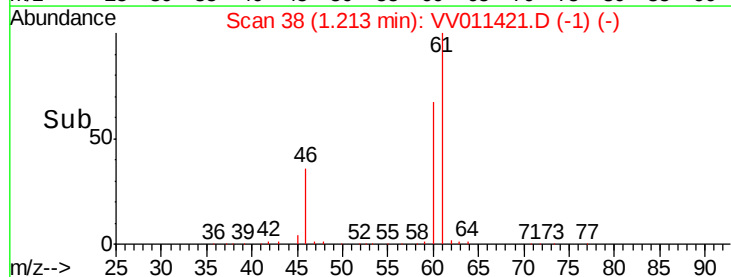
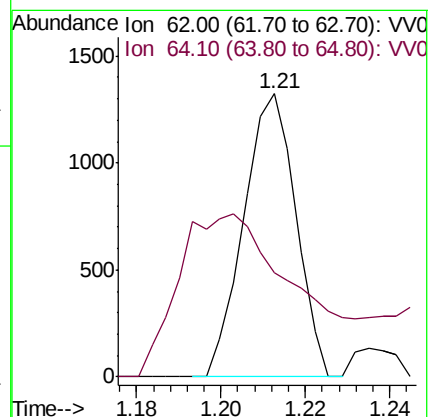
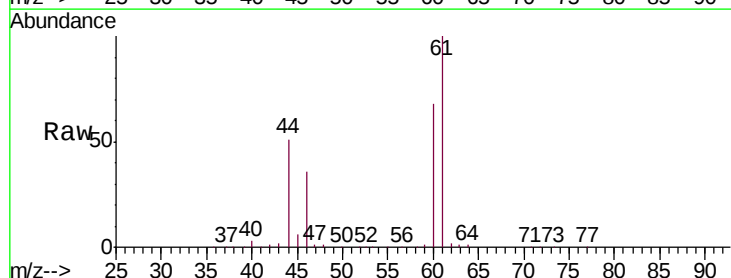
Acq: 12 Jun 2019 14:36

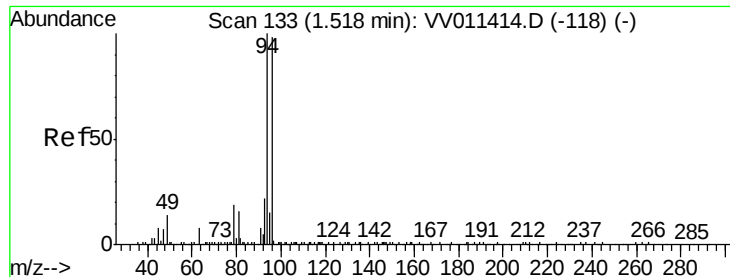
Tgt Ion: 62 Resp: 1133

Ion Ratio Lower Upper

62 100

64 36.9 25.9 48.1





#6

Bromomethane

Concen: 1.453 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV011421.D

Acq: 12 Jun 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

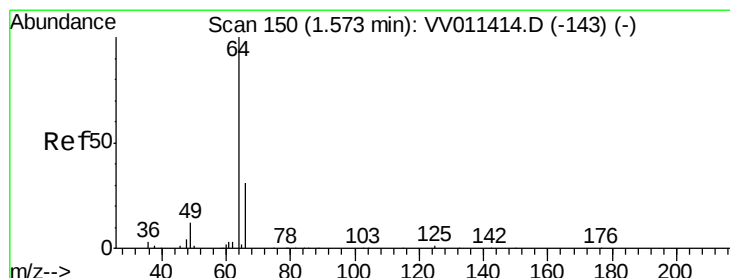
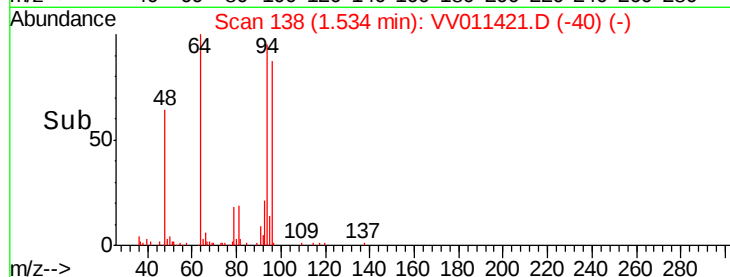
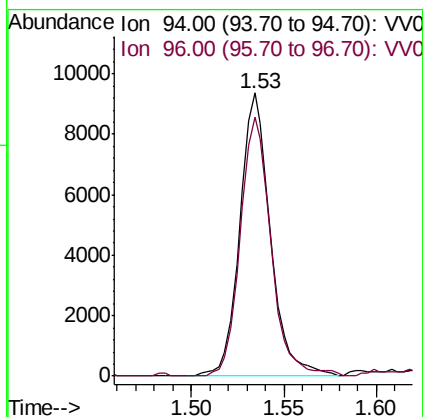
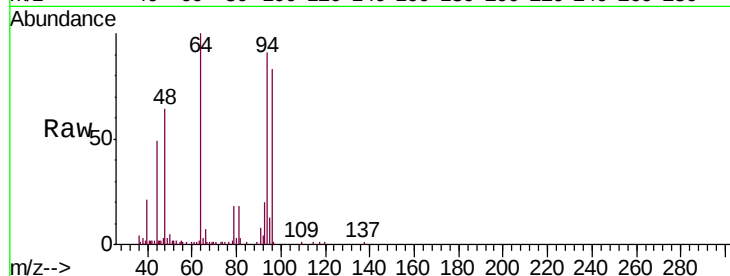
VHBLK01

Tgt Ion: 94 Resp: 10722

Ion Ratio Lower Upper

94 100

96 91.3 67.0 124.4



#8

Chloroethane

Concen: 10.300 ug/L

RT: 1.42 min Scan# 101

Delta R.T. -0.16 min

Lab File: VV011421.D

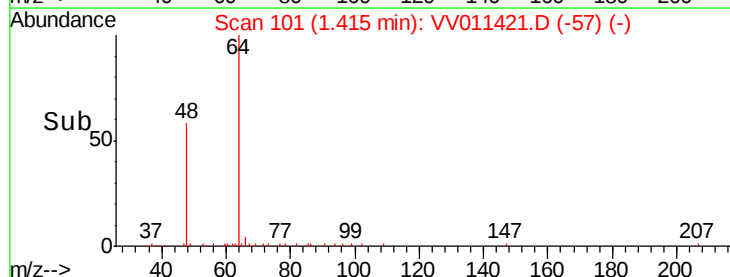
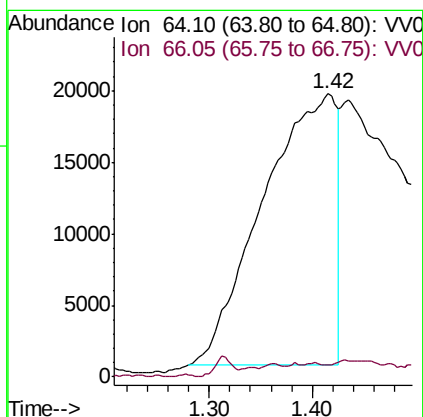
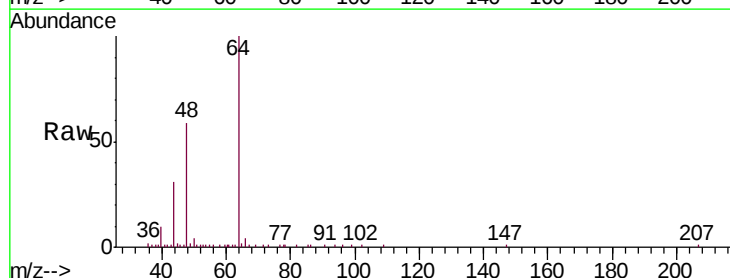
Acq: 12 Jun 2019 14:36

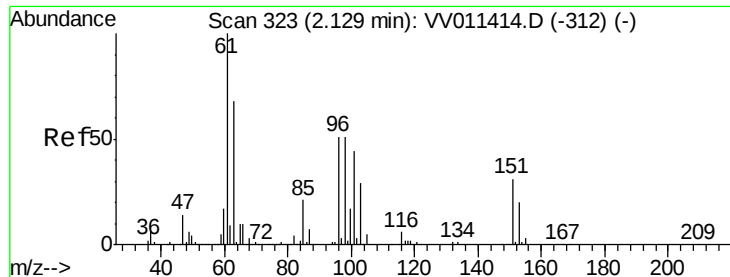
Tgt Ion: 64 Resp: 93353

Ion Ratio Lower Upper

64 100

66 4.3 19.4 36.0#





#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011421.D

Acq: 12 Jun 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

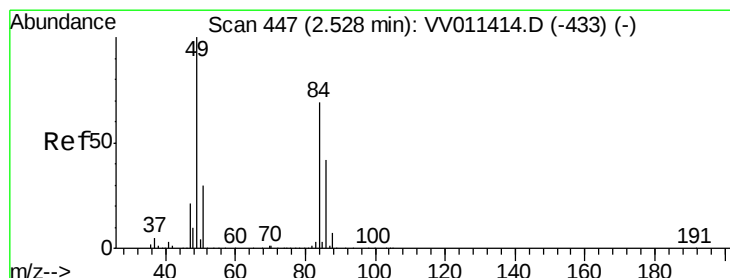
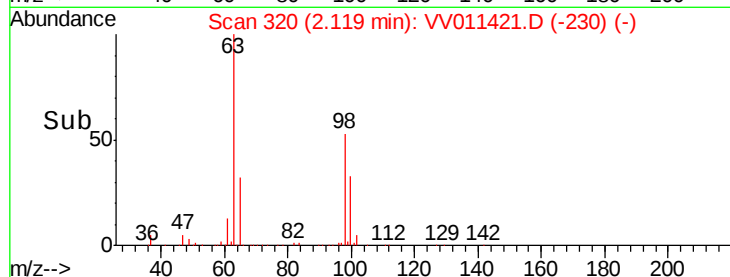
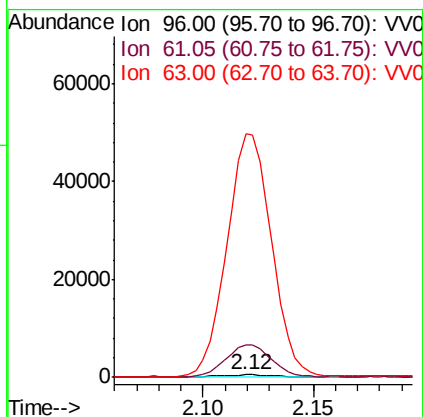
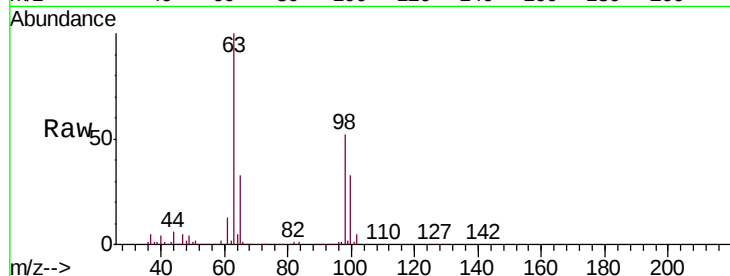
Tgt Ion: 96 Resp: 1019

Ion Ratio Lower Upper

96 100

61 716.9 139.8 259.6#

63 5355.4 94.3 175.1#



#16

Methylene chloride

Concen: 0.190 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011421.D

Acq: 12 Jun 2019 14:36

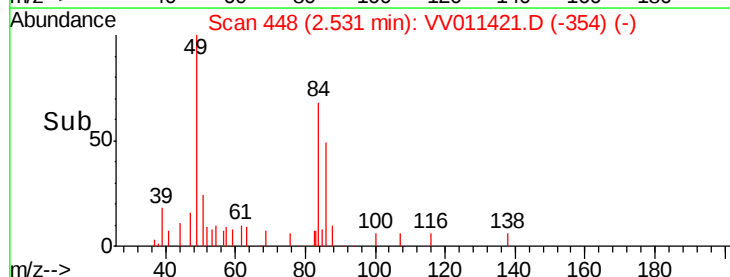
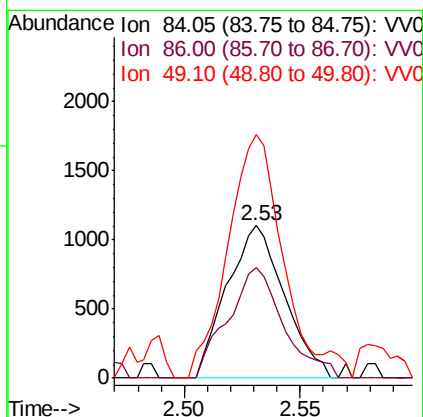
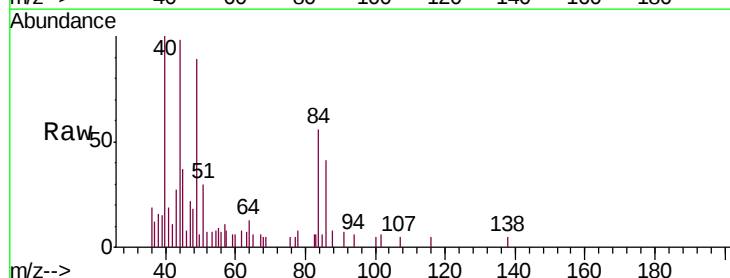
Tgt Ion: 84 Resp: 1899

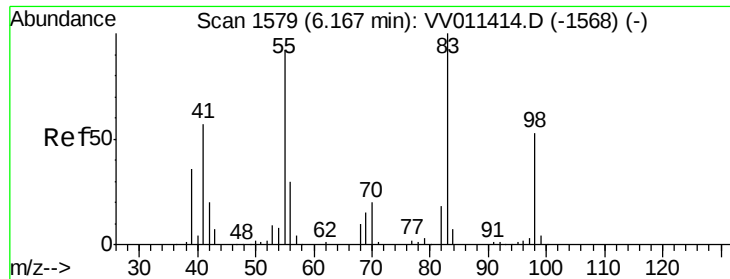
Ion Ratio Lower Upper

84 100

86 72.8 44.9 83.3

49 171.4 102.1 189.5

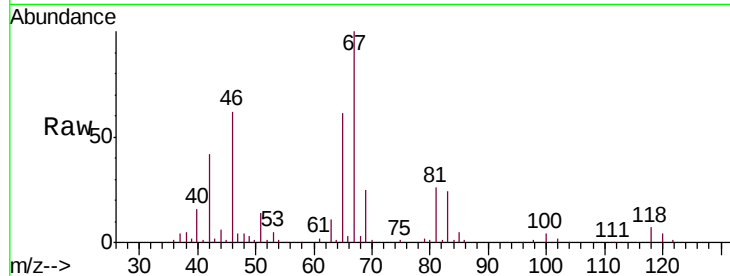




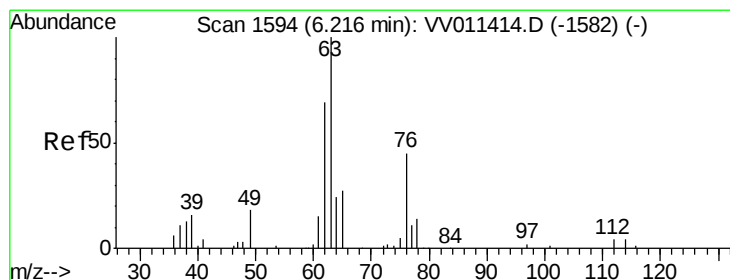
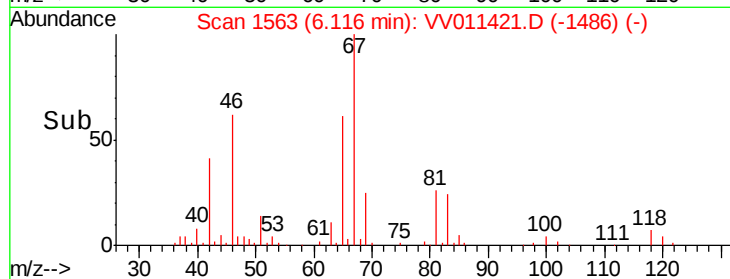
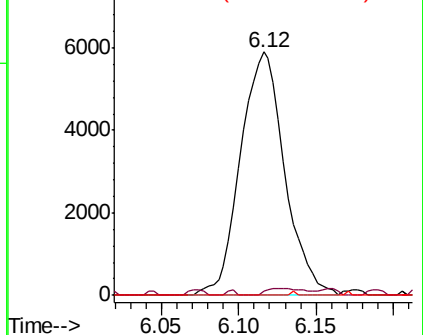
#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011421.D
Acq: 12 Jun 2019 14:36

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11726
Ion Ratio Lower Upper
83 100
55 2.4 67.0 100.6#
98 0.2 40.0 60.0#

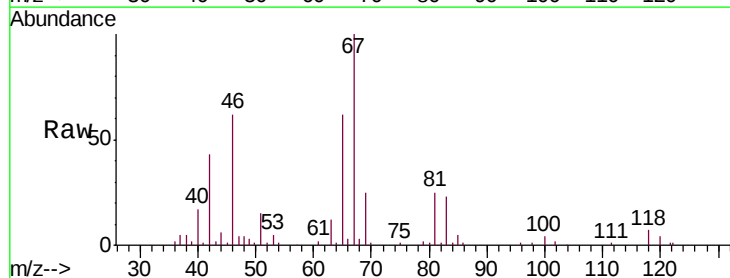


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

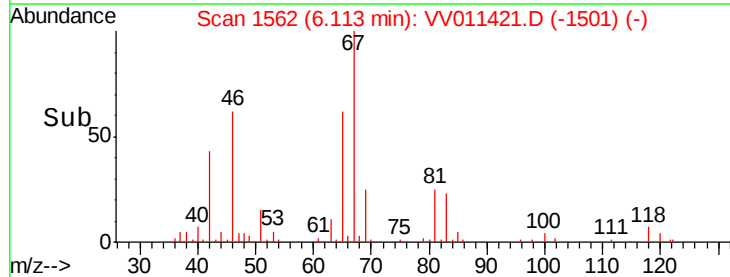
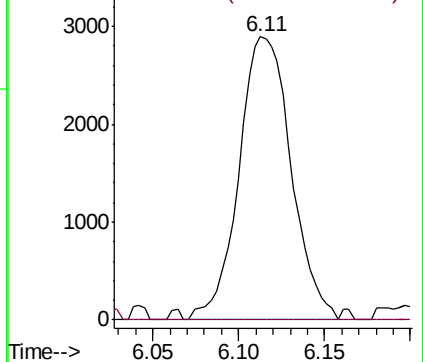


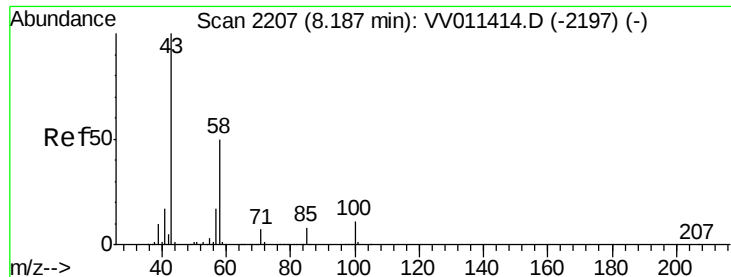
#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011421.D
Acq: 12 Jun 2019 14:36

Tgt Ion: 63 Resp: 6099
Ion Ratio Lower Upper
63 100
112 0.7 3.6 5.4#



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





#48

2-Hexanone

Concen: 2.544 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011421.D

Acq: 12 Jun 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 12641

Ion Ratio Lower Upper

43 100

58 24.8 41.4 62.0#

57 24.4 15.0 22.4#

100 0.5 9.0 13.4#

