

Data File : VV008504.D
Acq On : 01 Nov 2018 11:14
Operator : SY/MD
Sample : J5668-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 02 07:13:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215109	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58375	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.57	69	27488	36.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.13	63	76492	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
21) 2-Butanone-d5	3.93	46	112334	84.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.84%
24) Chloroform-d	4.40	84	131117	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.08	65	91568	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
32) Benzene-d6	5.10	84	269732	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.12	67	90758	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.28%
41) Toluene-d8	7.36	98	240176	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%
43) trans-1,3-Dichloropropene-	7.67	79	43274	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.13	63	83334	84.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.95%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	117121	43.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	79905	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

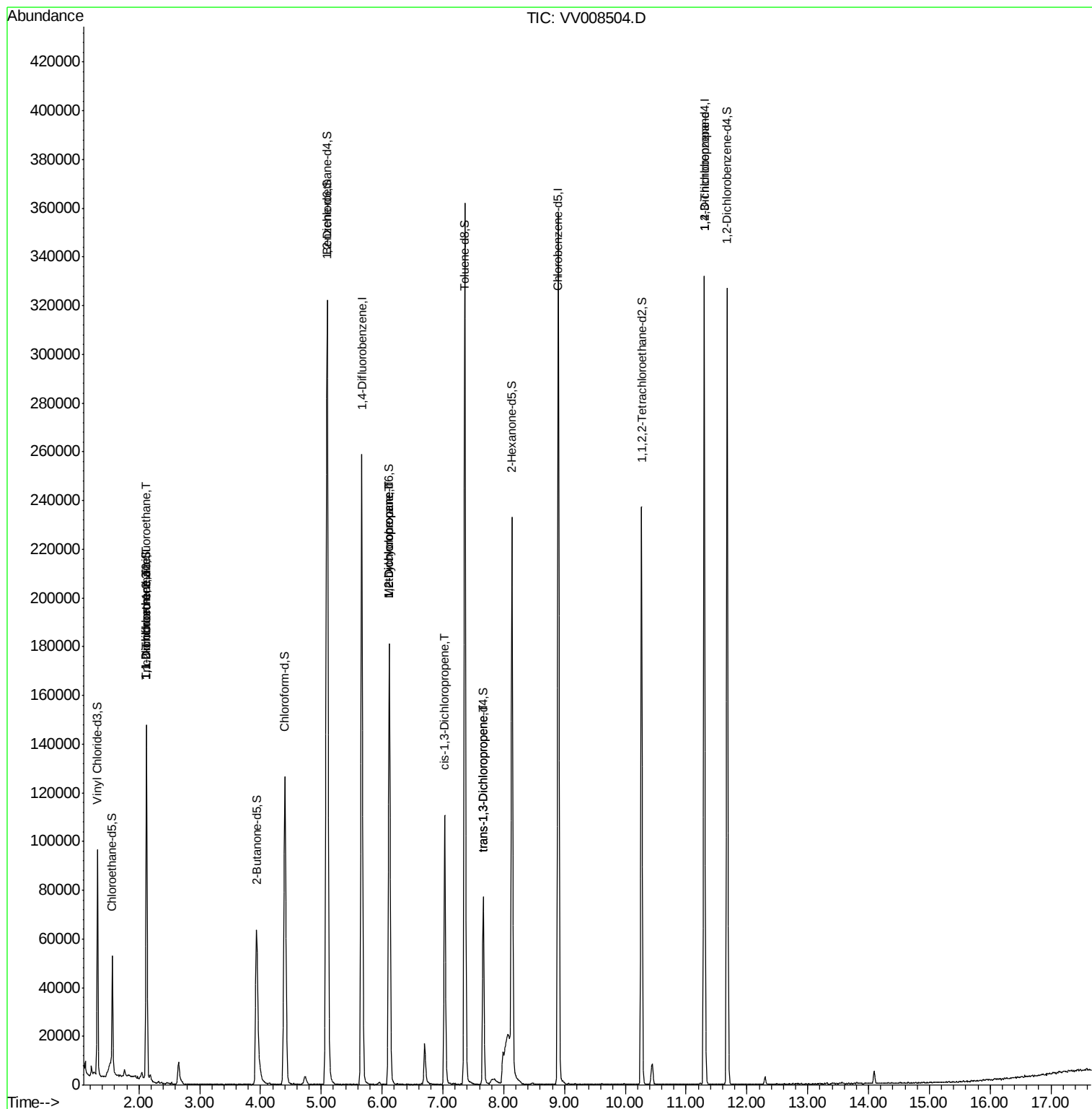
					Qvalue
9) Trichlorofluoromethane	2.13	101	664	0.369 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	664	0.688 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	640	0.720 ug/L #	1
35) Methylcyclohexane	6.12	83	20900	8.253 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10182	6.383 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2691	1.078 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	1904	0.812 ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	10384	5.066 ug/L	89

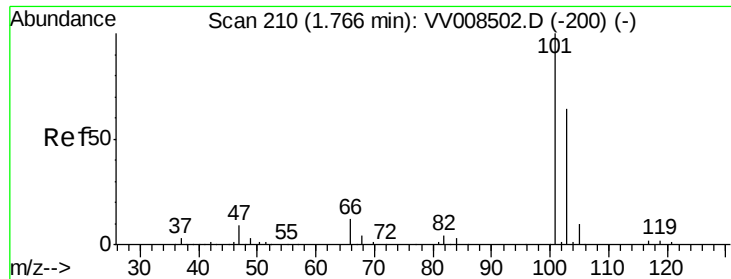
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.369 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008504.D

Acq: 01 Nov 2018 11:14

Instrument :

MSVOA_V

ClientSampleId :

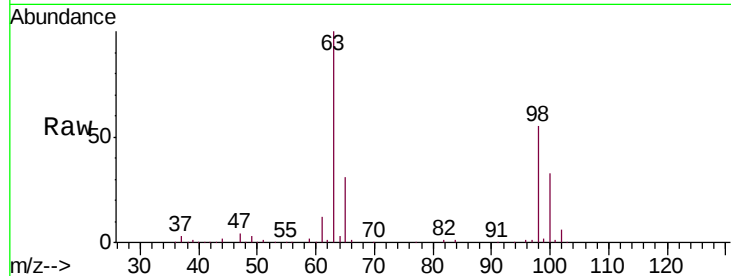
VHBLK01

Tgt Ion:101 Resp: 664

Ion Ratio Lower Upper

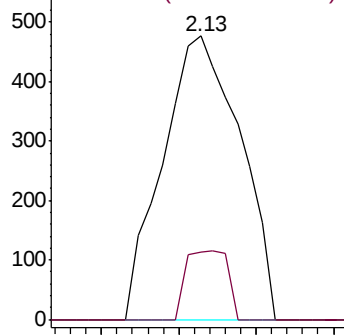
101 100

103 0.0 51.0 76.6#

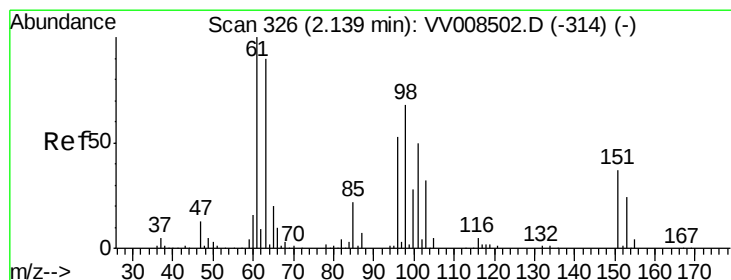
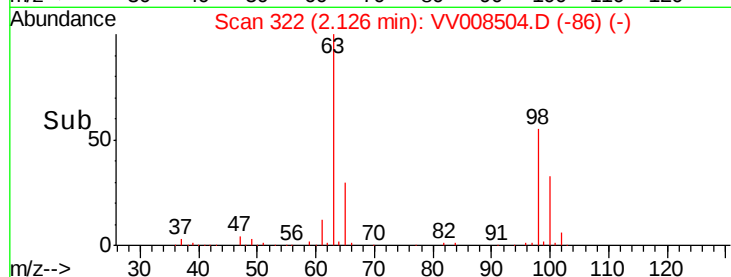


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.688 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008504.D

Acq: 01 Nov 2018 11:14

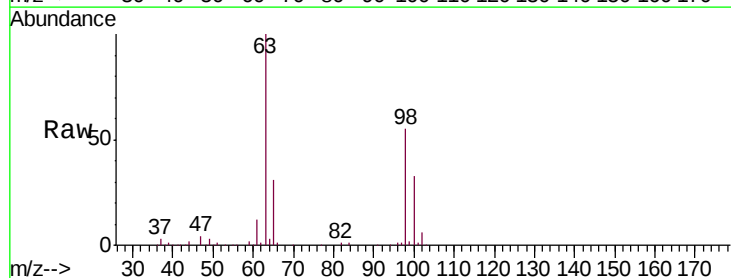
Tgt Ion:101 Resp: 664

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

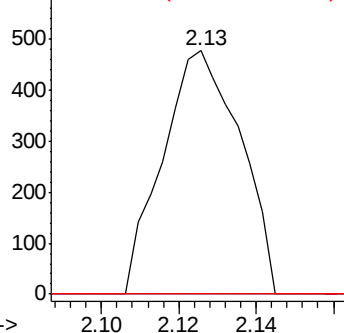
151 0.0 58.1 87.1#



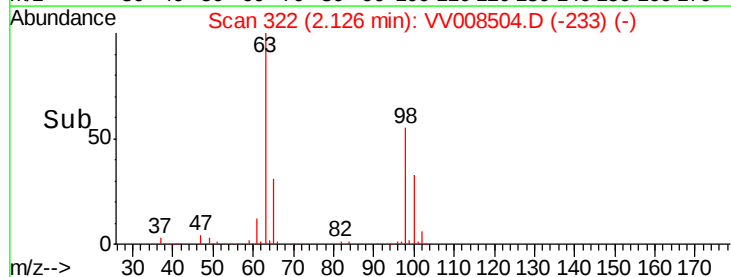
Abundance Ion 101.00 (100.70 to 101.70): V

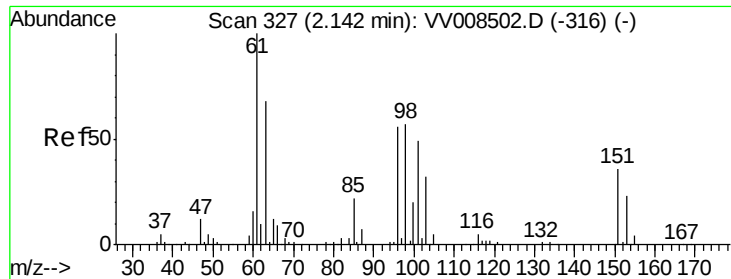
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008504.D

Acq: 01 Nov 2018 11:14

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

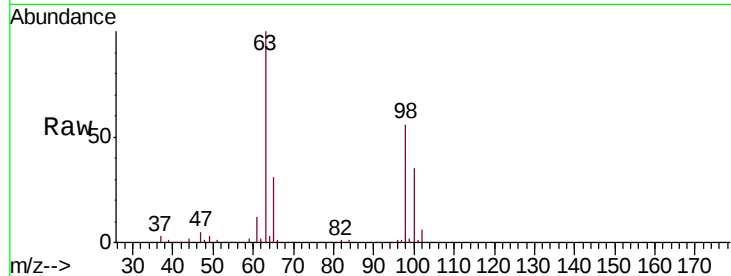
Tgt Ion: 96 Resp: 640

Ion Ratio Lower Upper

96 100

61 1313.5 130.3 242.1#

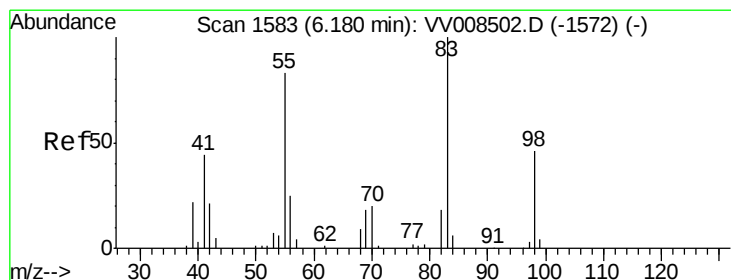
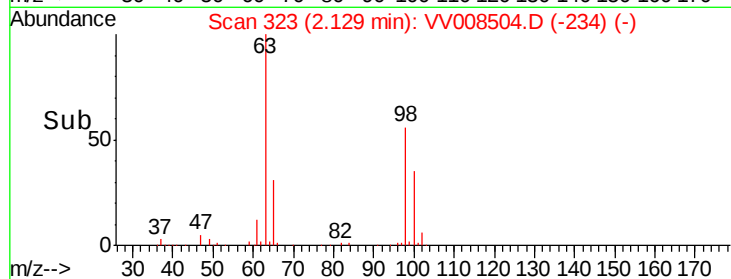
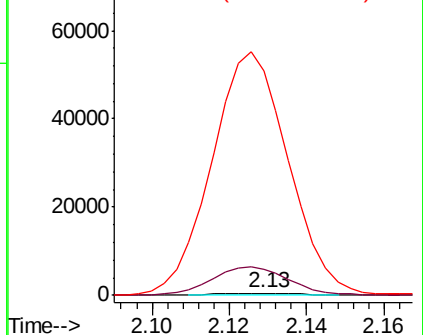
63 11240.6 84.4 156.8#



Abundance Ion 96.00 (95.70 to 96.70): VV008504.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VV008504.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV008504.D (-234) (-)



#35

Methylcyclohexane

Concen: 8.253 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008504.D

Acq: 01 Nov 2018 11:14

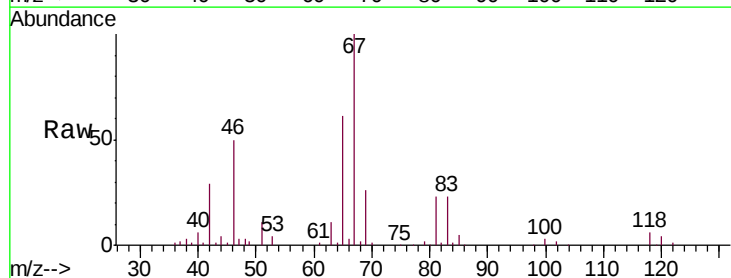
Tgt Ion: 83 Resp: 20900

Ion Ratio Lower Upper

83 100

55 0.2 65.0 97.4#

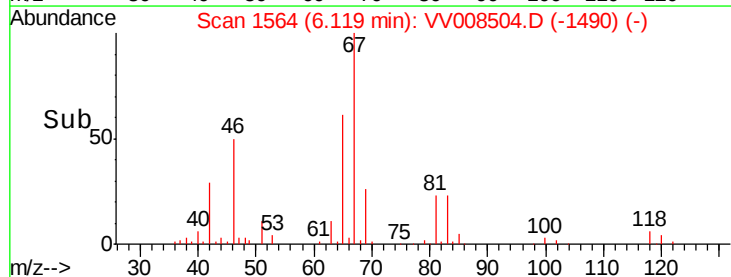
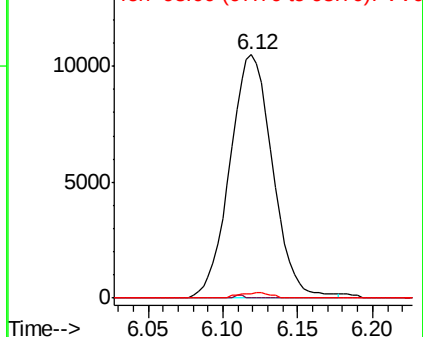
98 1.5 36.0 54.0#

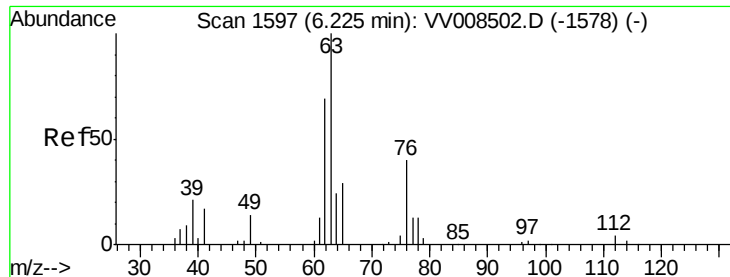


Abundance Ion 83.00 (82.70 to 83.70): VV008504.D (-1490) (-)

Ion 55.00 (54.70 to 55.70): VV008504.D (-1490) (-)

Ion 98.00 (97.70 to 98.70): VV008504.D (-1490) (-)

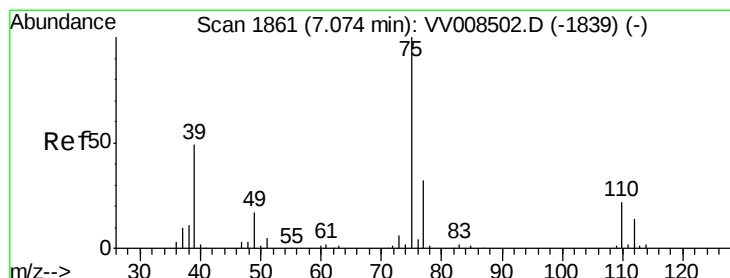
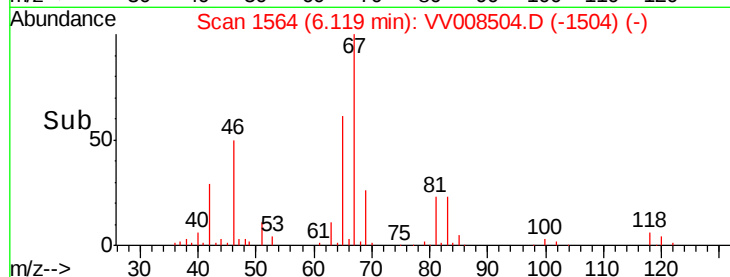
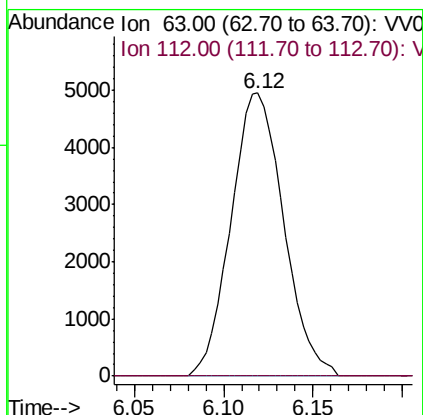
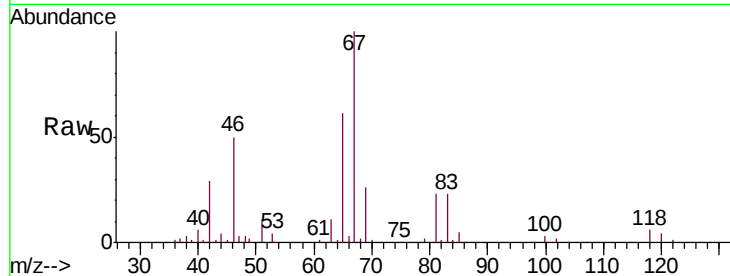




#37
 1,2-Dichloropropane
 Concen: 6.383 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008504.D
 Acq: 01 Nov 2018 11:14

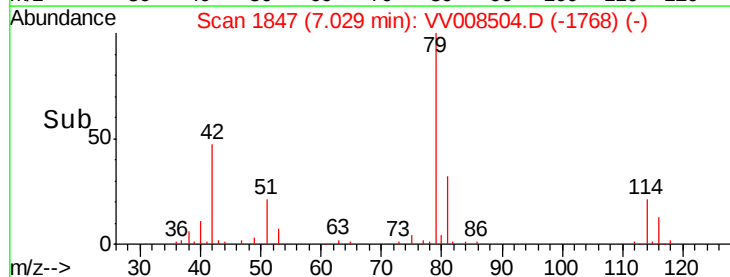
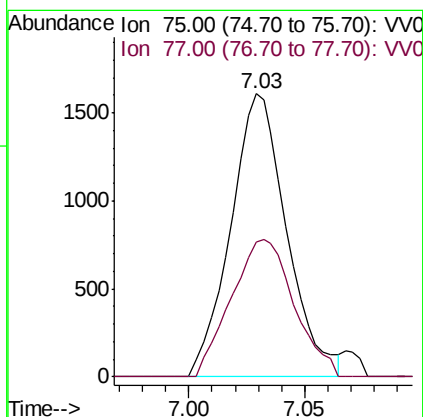
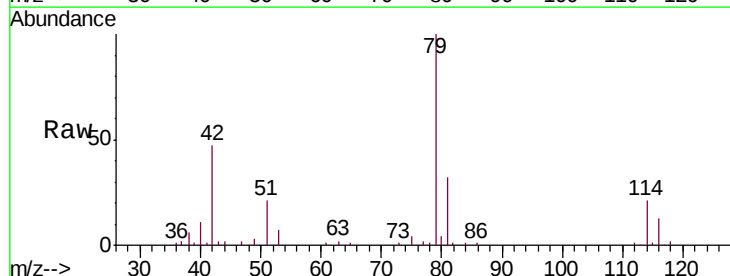
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

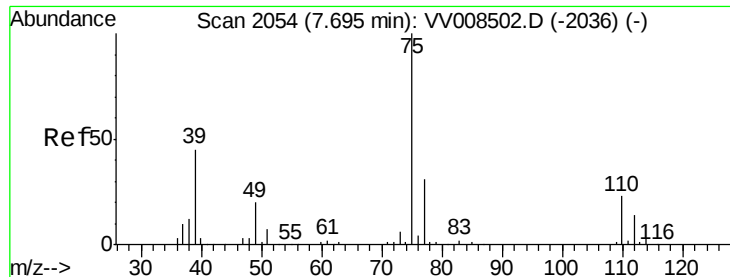
Tgt Ion: 63 Resp: 10182
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.078 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008504.D
 Acq: 01 Nov 2018 11:14

Tgt Ion: 75 Resp: 2691
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.812 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008504.D

Acq: 01 Nov 2018 11:14

Instrument :

MSVOA_V

ClientSampleId :

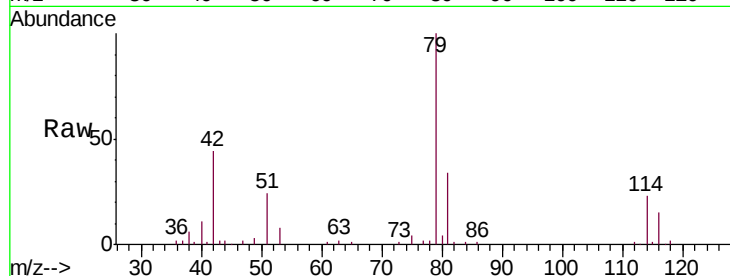
VHBLK01

Tgt Ion: 75 Resp: 1904

Ion Ratio Lower Upper

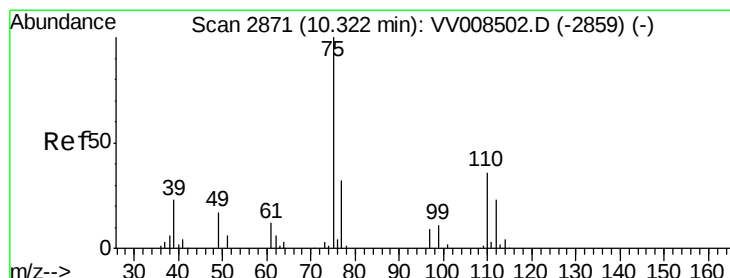
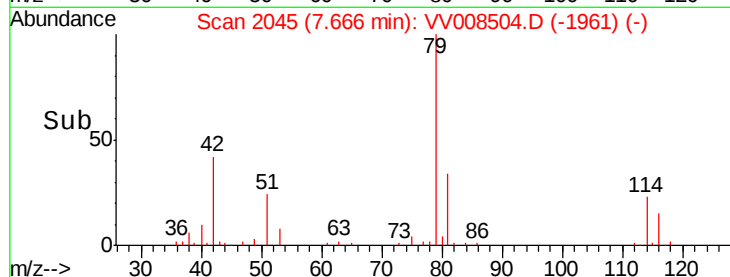
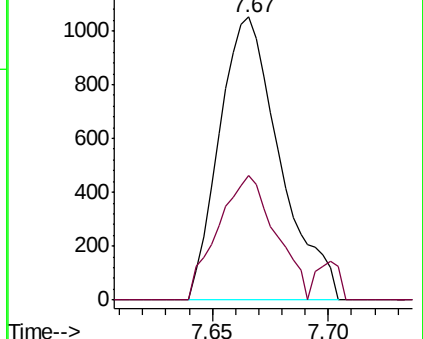
75 100

77 44.1 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008502.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008502.D (-2036) (-)



#59

1,2,3-Trichloropropane

Concen: 5.066 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008504.D

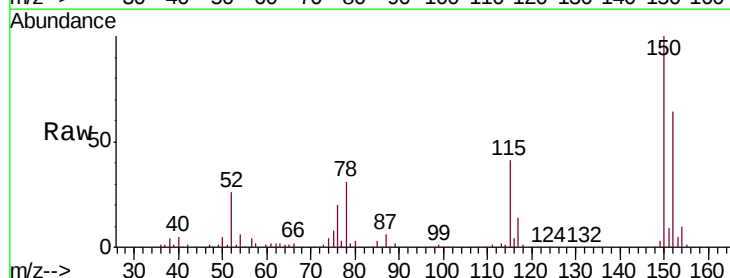
Acq: 01 Nov 2018 11:14

Tgt Ion: 75 Resp: 10384

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008502.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008502.D (-2859) (-)

