

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007763.D
 Acq On : 23 Sep 2018 03:50
 Operator : SY/MD
 Sample : VV0923WBL02
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Sep 24 05:16:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	186233	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48556	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.94%
7) Chloroethane-d5	1.59	69	47943	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.14	63	92010	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
21) 2-Butanone-d5	3.95	46	63766	95.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.39%
24) Chloroform-d	4.41	84	99172	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.09	65	70731	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
32) Benzene-d6	5.11	84	210327	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.13	67	62195	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.36	98	215741	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
43) trans-1,3-Dichloropropene-	7.67	79	26018	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.04%
47) 2-Hexanone-d5	8.14	63	47897	90.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.67%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90943	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	97102	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

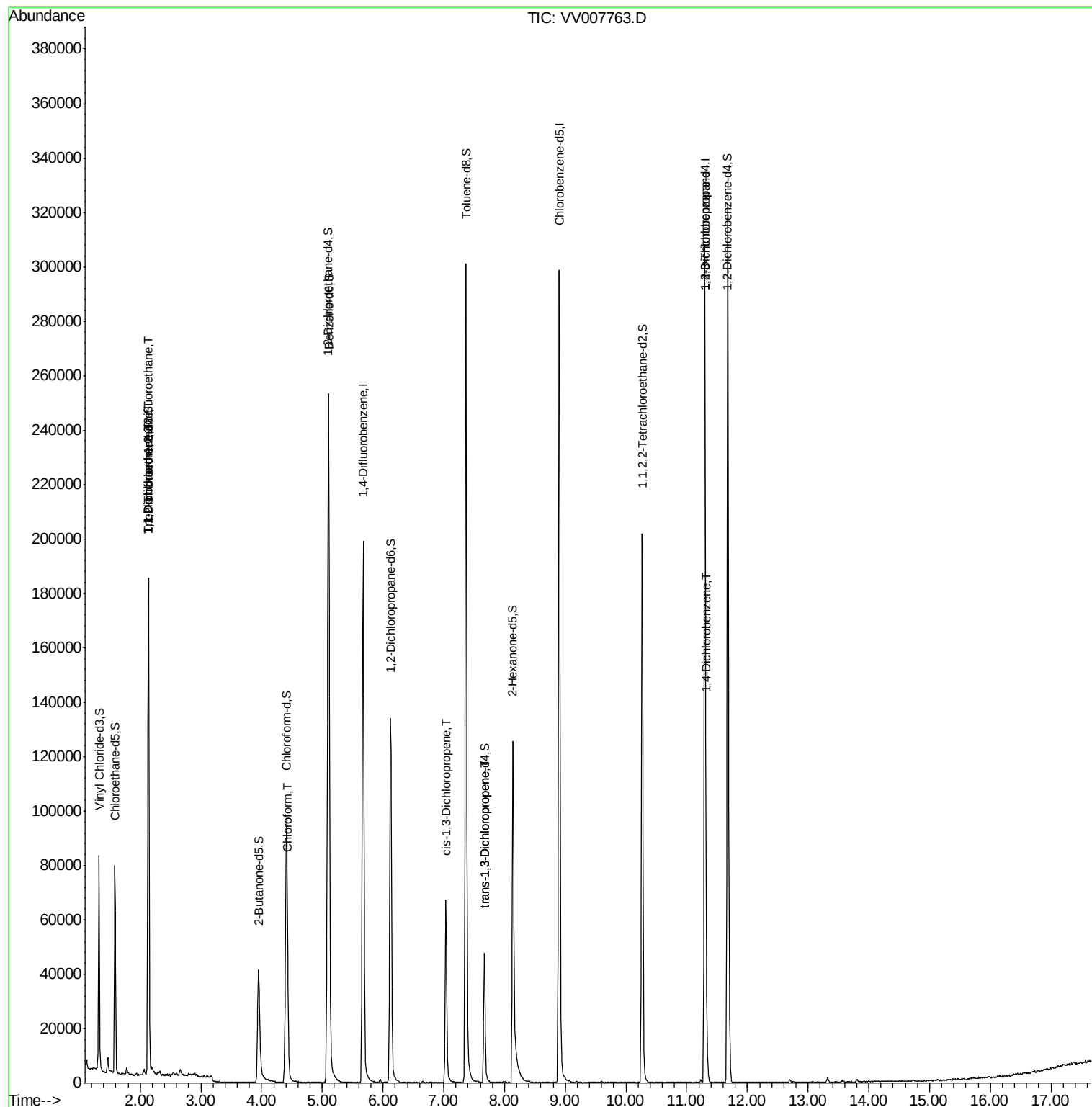
					Qvalue
9) Trichlorofluoromethane	2.14	101	986	0.397 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	986	0.700 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	901	0.729 ug/L #	1
25) Chloroform	4.43	83	6434	3.083 ug/L	94
39) cis-1,3-Dichloropropene	7.04	75	2009	1.173 ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1303	0.801 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	9862	6.543 ug/L	91
63) 1,4-Dichlorobenzene	11.32	146	1915	0.628 ug/L	93

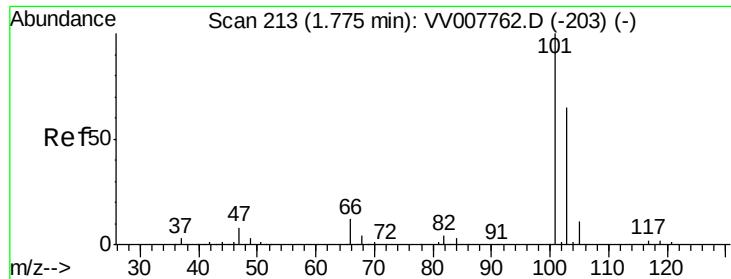
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 05:16:03 2018
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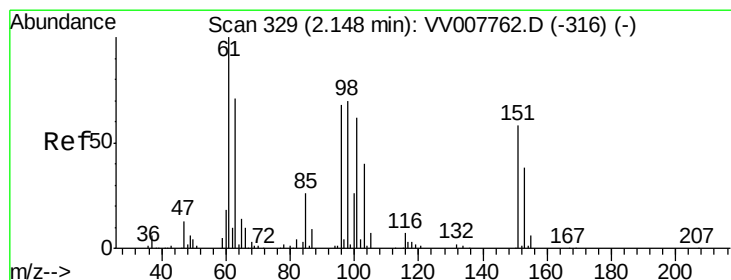
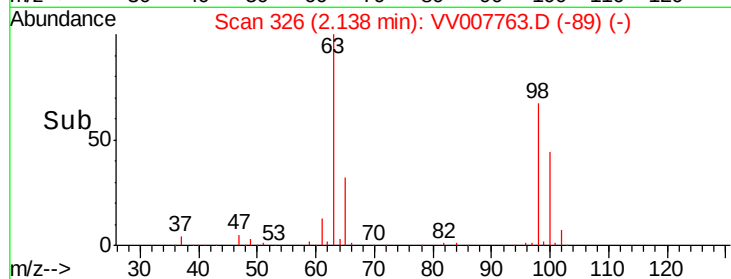
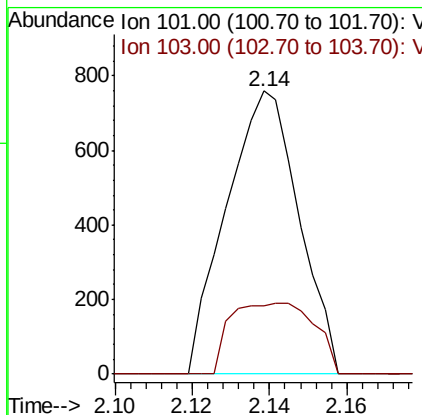
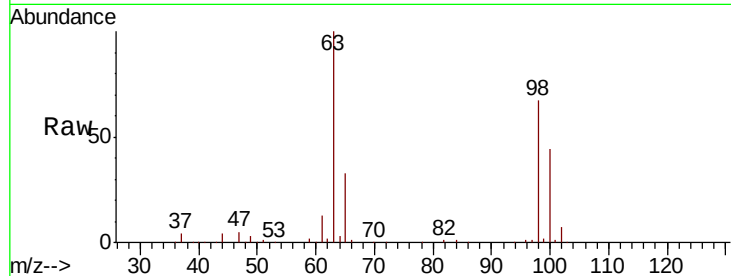


#9

Trichlorofluoromethane
 Concen: 0.397 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.36 min
 Lab File: VV007763.D
 Acq: 23 Sep 2018 03:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

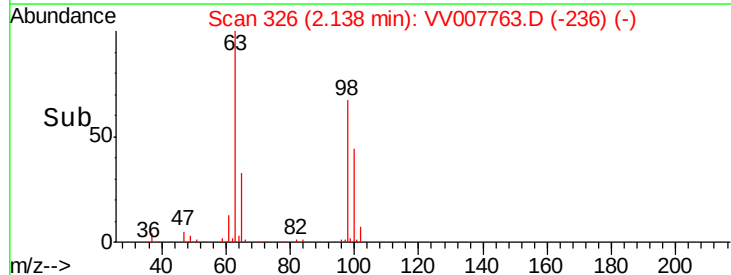
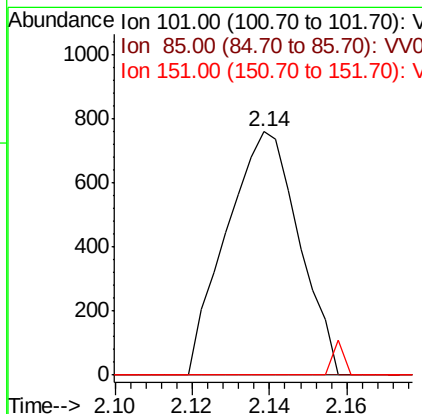
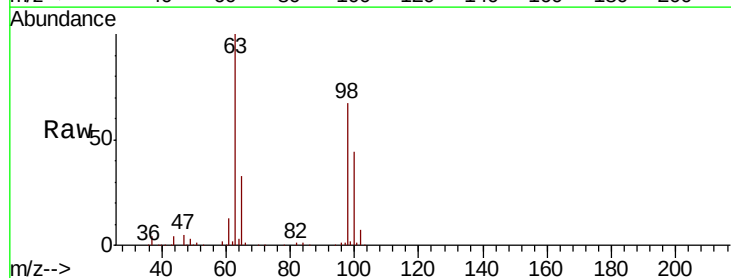
Tgt Ion:101 Resp: 986
 Ion Ratio Lower Upper
 101 100
 103 29.0 51.4 77.2#

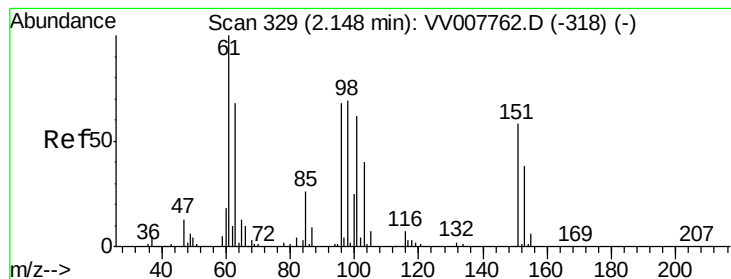


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.700 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV007763.D
 Acq: 23 Sep 2018 03:50

Tgt Ion:101 Resp: 986
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.7 49.1#
 151 0.0 72.2 108.2#





#12

1,1-Dichloroethene

Concen: 0.729 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007763.D

Acq: 23 Sep 2018 03:50

Instrument :

MSVOA_V

ClientSampleId :

VBLK63

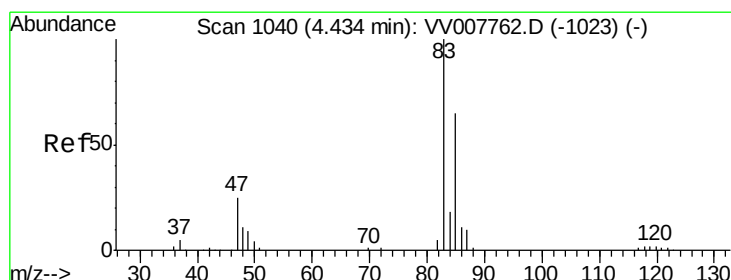
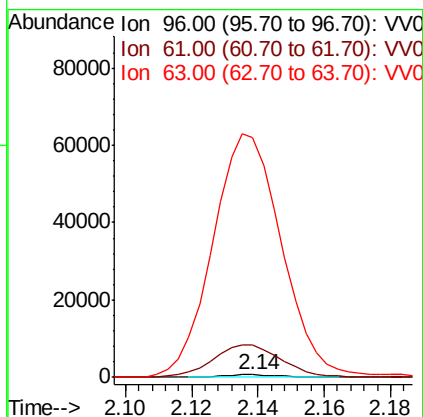
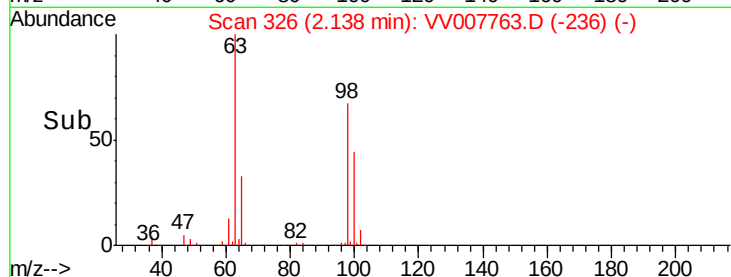
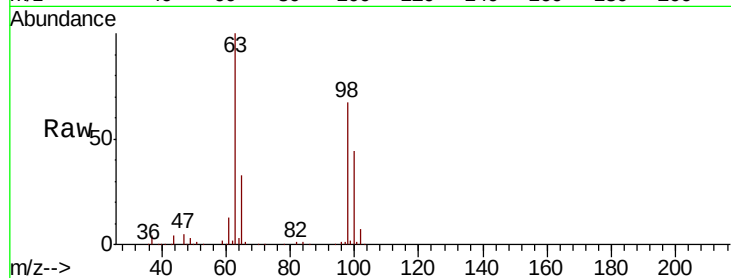
Tgt Ion: 96 Resp: 901

Ion Ratio Lower Upper

96 100

61 1286.1 107.3 199.3#

63 9673.6 78.8 146.4#



#25

Chloroform

Concen: 3.083 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VV007763.D

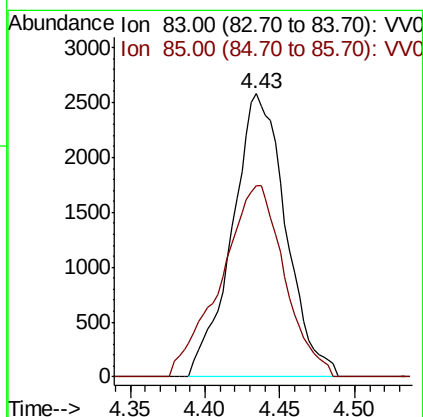
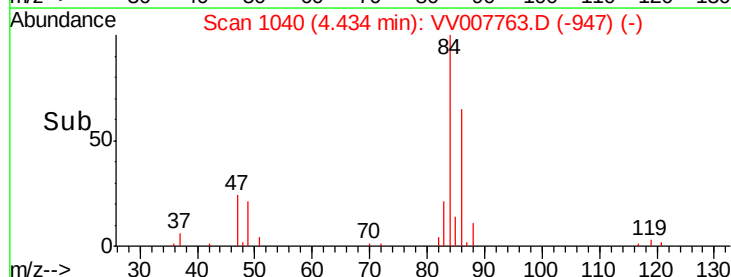
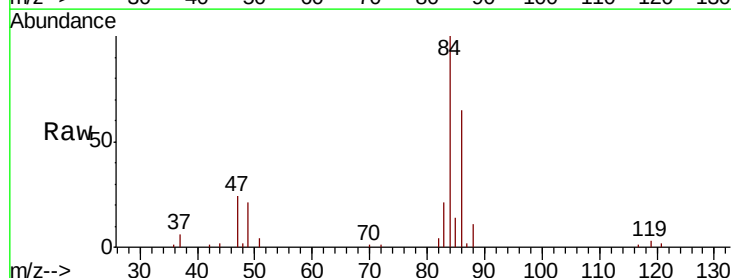
Acq: 23 Sep 2018 03:50

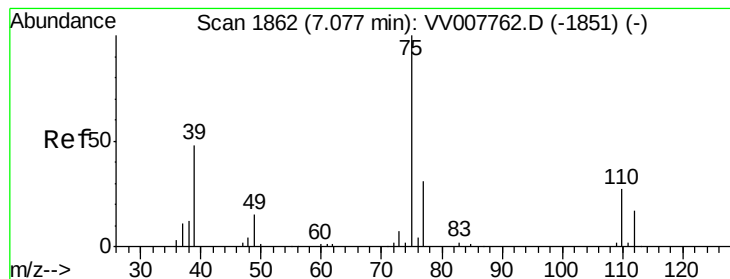
Tgt Ion: 83 Resp: 6434

Ion Ratio Lower Upper

83 100

85 67.4 44.0 81.8



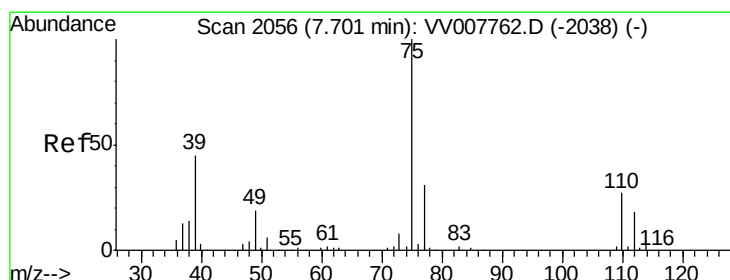
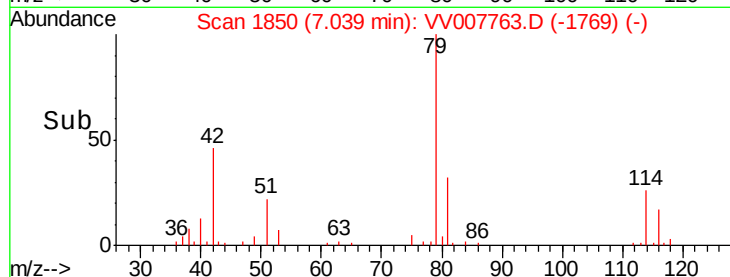
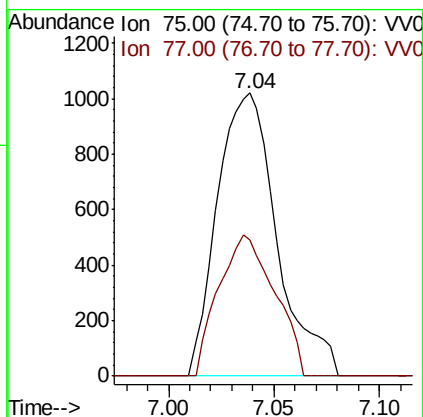
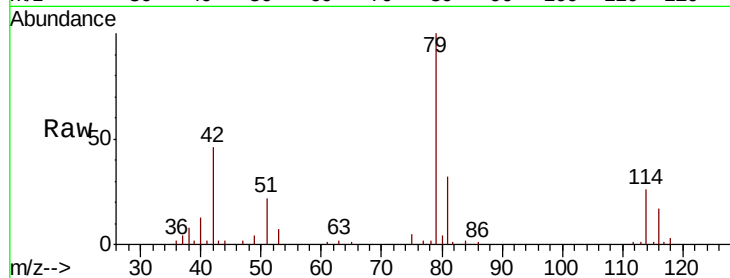


#39

cis-1,3-Dichloropropene
Concen: 1.173 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.04 min
Lab File: VV007763.D
Acq: 23 Sep 2018 03:50

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

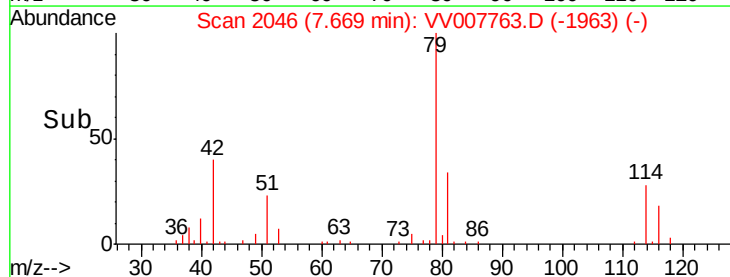
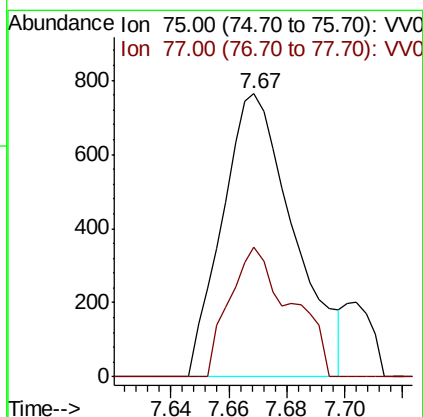
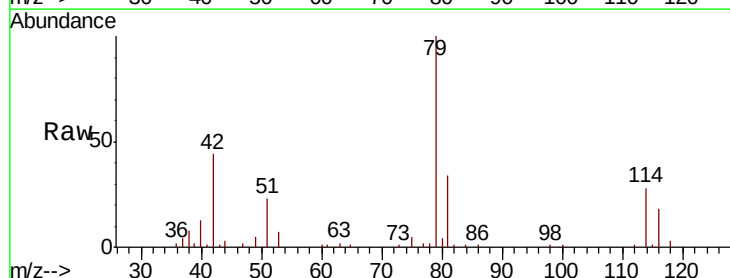
Tgt Ion: 75 Resp: 2009
Ion Ratio Lower Upper
75 100
77 48.1 22.0 40.8#

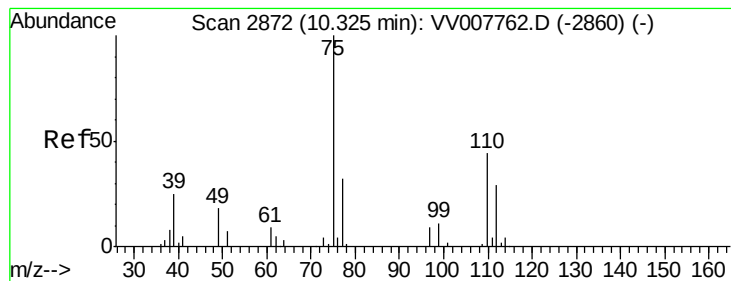


#44

trans-1,3-Dichloropropene
Concen: 0.801 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007763.D
Acq: 23 Sep 2018 03:50

Tgt Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
77 45.9 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 6.543 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007763.D

Acq: 23 Sep 2018 03:50

Instrument :

MSVOA_V

ClientSampleId :

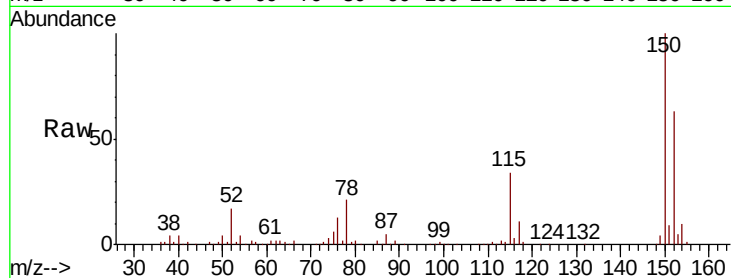
VBLK63

Tgt Ion: 75 Resp: 9862

Ion Ratio Lower Upper

75 100

77 37.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV007762.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007762.D (-2860) (-)

11.30

6000

5000

4000

3000

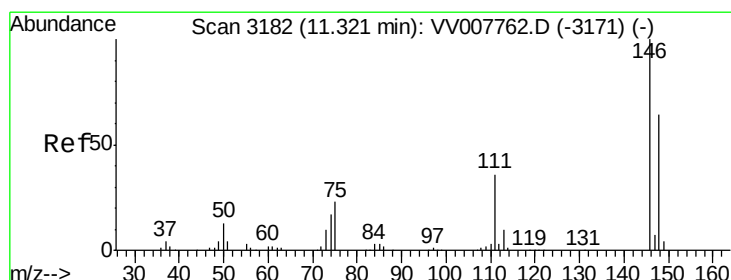
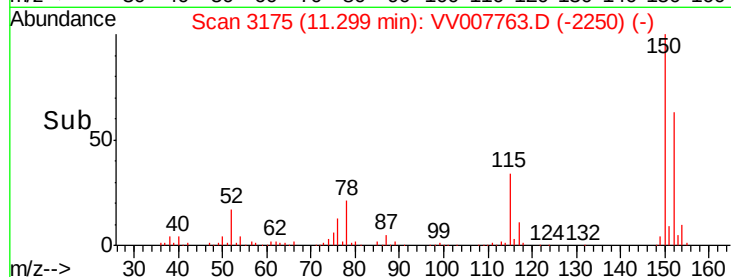
2000

1000

0

11.25 11.30 11.35

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.628 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007763.D

Acq: 23 Sep 2018 03:50

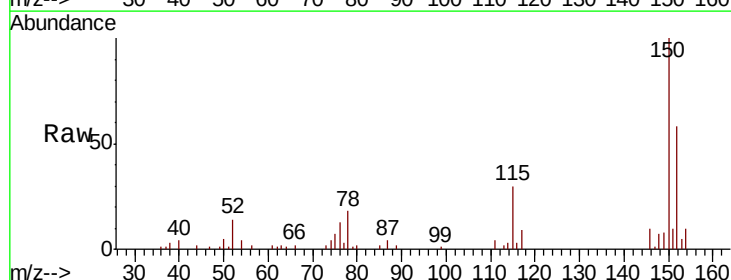
Tgt Ion: 146 Resp: 1915

Ion Ratio Lower Upper

146 100

111 40.7 24.4 45.4

148 68.6 45.1 83.7



Abundance Ion 146.00 (145.70 to 146.70): VV007762.D (-3171) (-)

Ion 111.00 (110.70 to 111.70): VV007762.D (-3171) (-)

Ion 148.00 (147.70 to 148.70): VV007762.D (-3171) (-)

11.32

1500

1000

500

0

11.30 11.32 11.35

Time-->

