

Data File : VV007867.D
Acq On : 25 Sep 2018 20:55
Operator : SY/MD
Sample : J5014-11
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 26 05:01:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53207	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.56%
7) Chloroethane-d5	1.59	69	48278	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	2.14	63	90848	37.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.78%
21) 2-Butanone-d5	3.95	46	77670	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.41	84	105294	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.09	65	87192	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
32) Benzene-d6	5.11	84	232327	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.13	67	76021	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.36	98	228485	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.67	79	31858	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.14	63	61986	98.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.13%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107825	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	100578	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

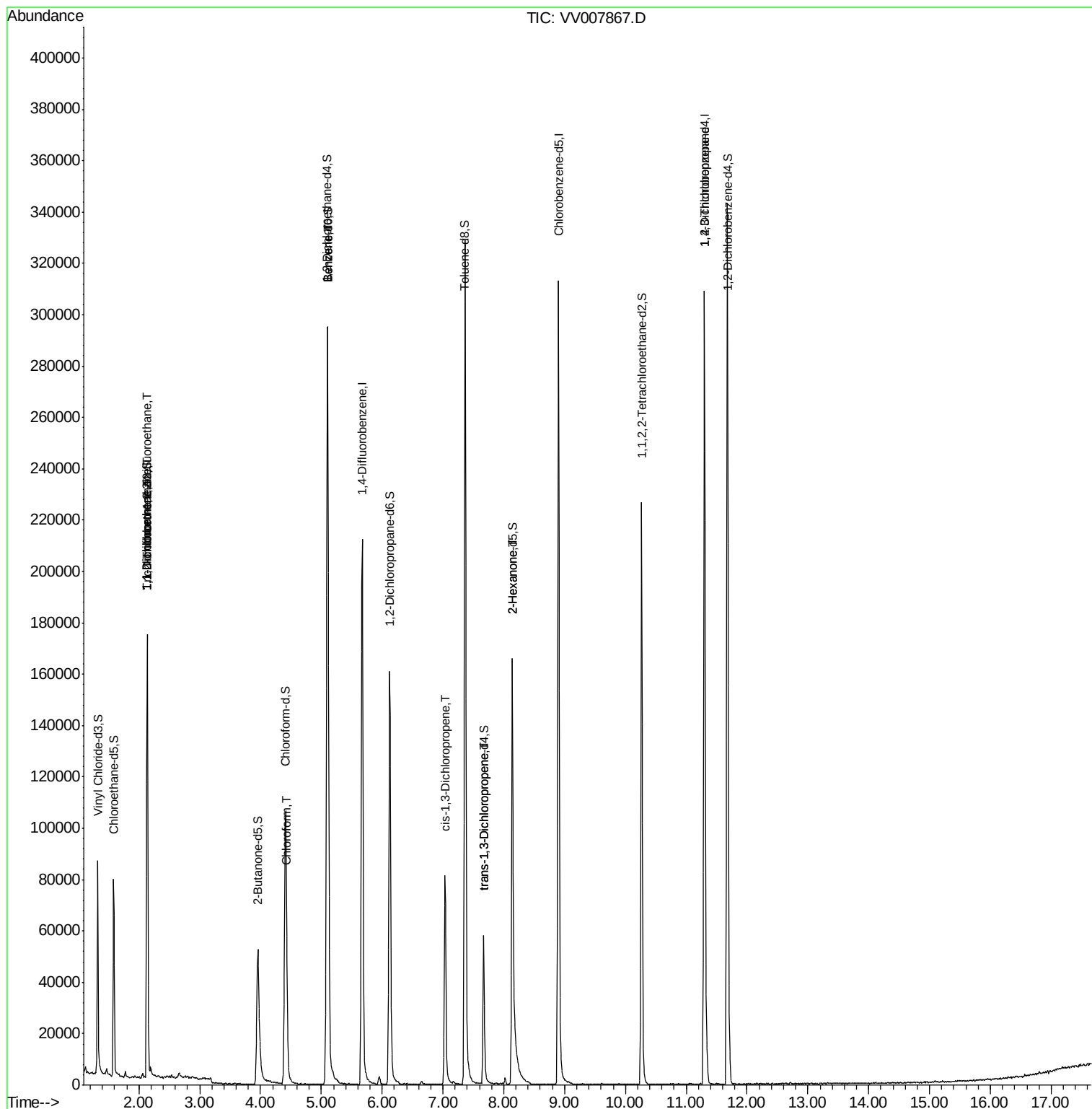
						Qvalue
9) Trichlorofluoromethane	2.14	101	905	0.411	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	905	0.735	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	822	0.744	ug/L #	1
25) Chloroform	4.44	83	14960	6.233	ug/L	99
33) Benzene	5.11	78	1871	0.390	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	2108	1.135	ug/L	84
44) trans-1,3-Dichloropropene	7.67	75	1603	0.869	ug/L #	78
48) 2-Hexanone	8.14	43	7467	5.227	ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	9794	5.752	ug/L #	87

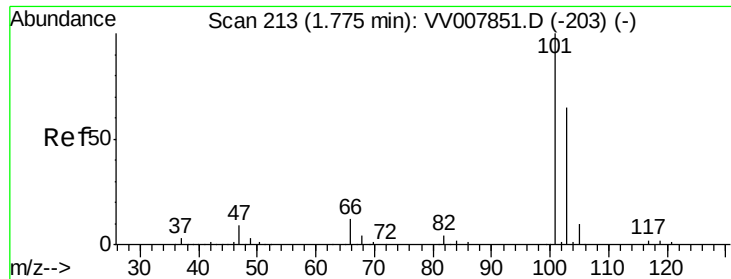
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.411 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.36 min

Lab File: VV007867.D

Acq: 25 Sep 2018 20:55

Instrument :

MSVOA_V

ClientSampleId :

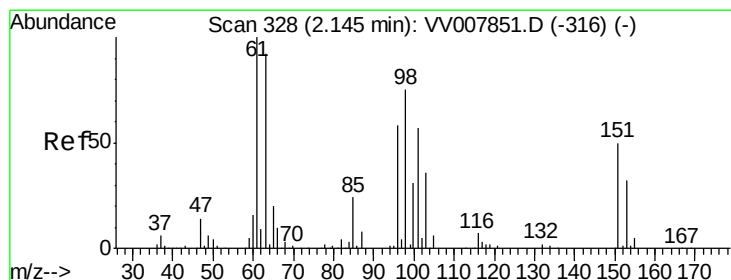
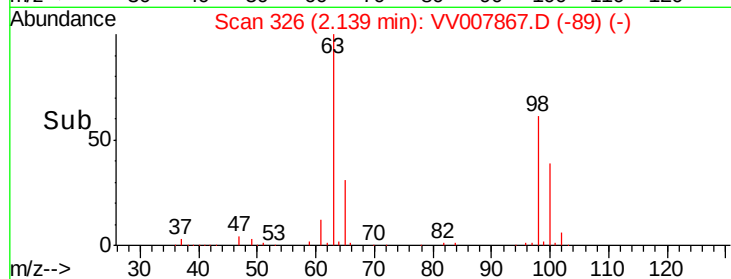
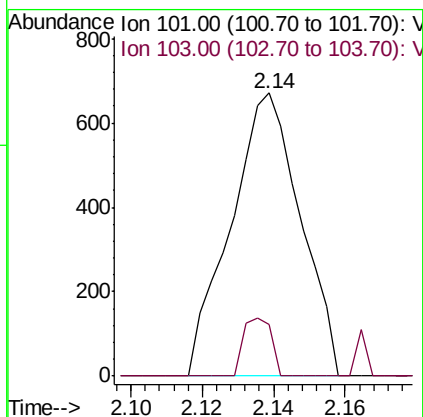
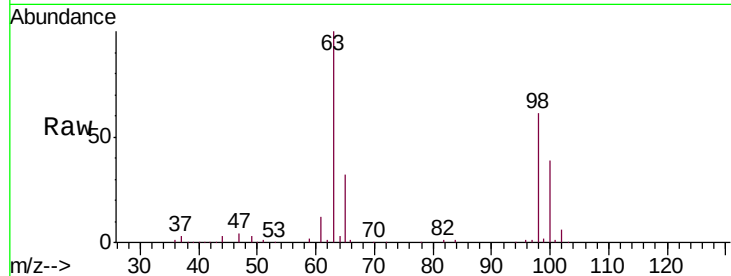
VHBLK01

Tgt Ion:101 Resp: 905

Ion Ratio Lower Upper

101 100

103 8.3 52.4 78.6#



#10

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

Concen: 0.735 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007867.D

Acq: 25 Sep 2018 20:55

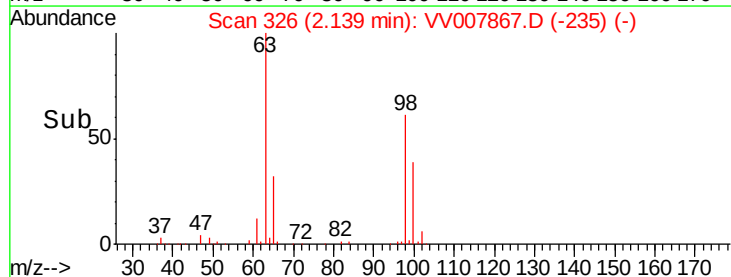
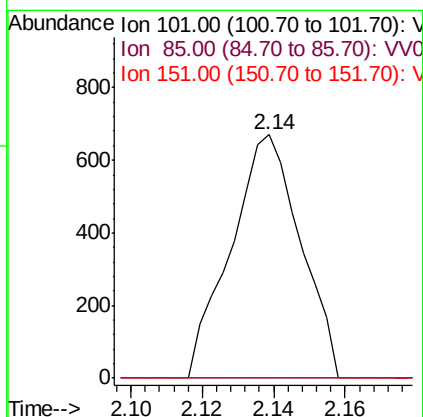
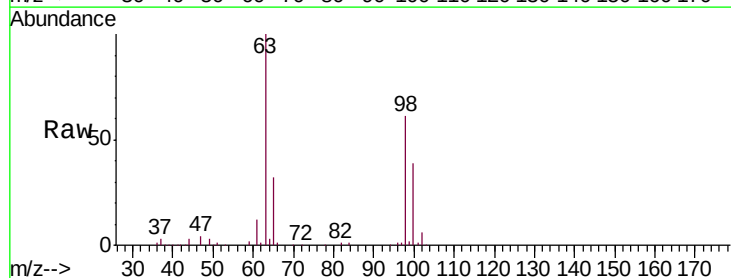
Tgt Ion:101 Resp: 905

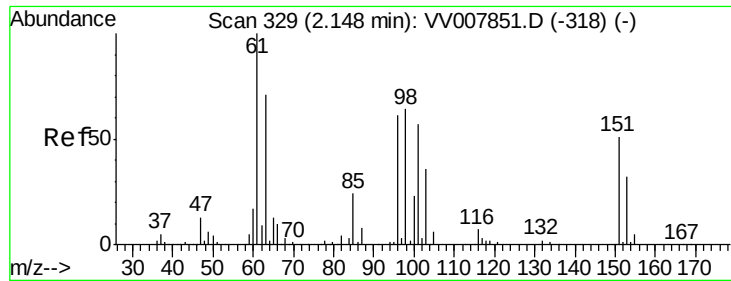
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 69.7 104.5#

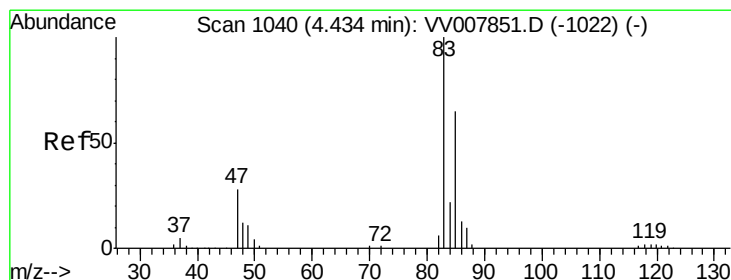
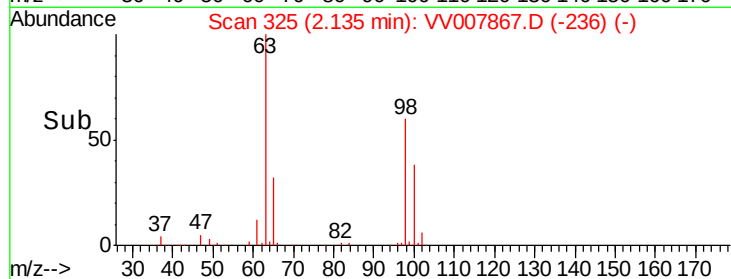
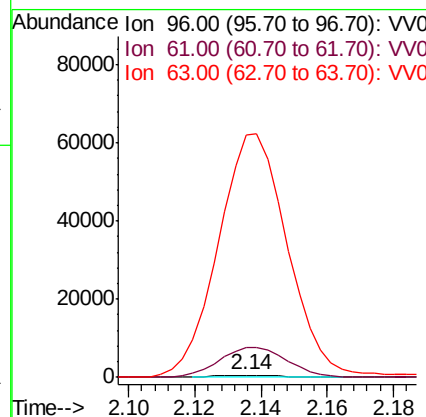
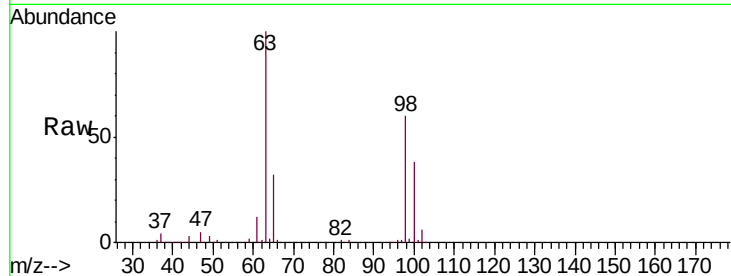




#12
 1,1-Dichloroethene
 Concen: 0.744 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007867.D
 Acq: 25 Sep 2018 20:55

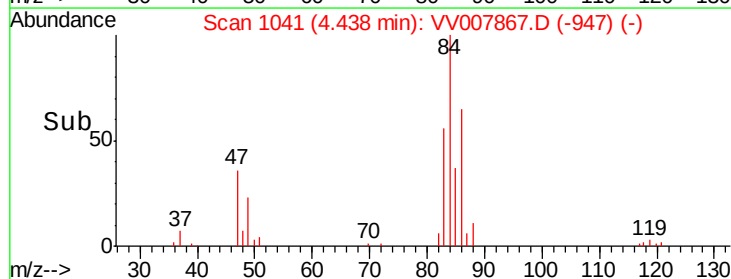
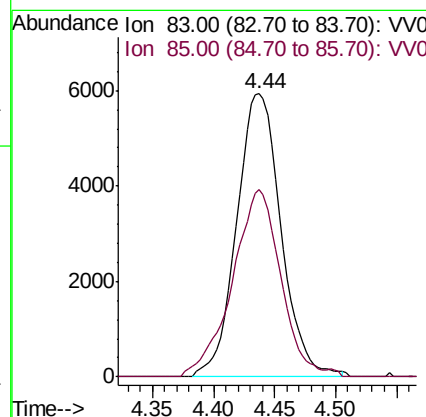
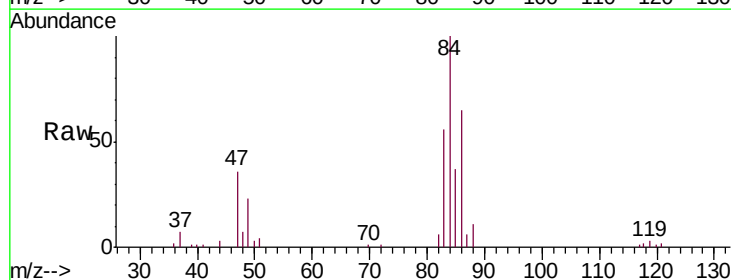
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

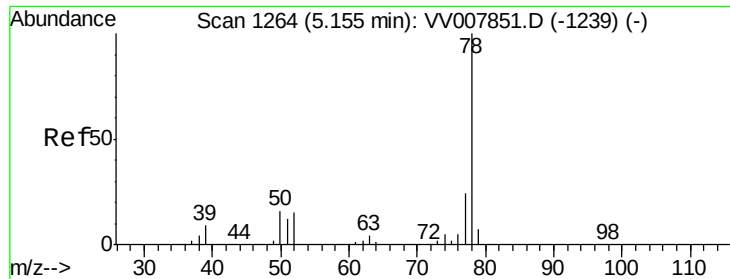
Tgt Ion: 96 Resp: 822
 Ion Ratio Lower Upper
 96 100
 61 1480.8 116.1 215.7#
 63 11874.1 86.5 160.7#



#25
 Chloroform
 Concen: 6.233 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV007867.D
 Acq: 25 Sep 2018 20:55

Tgt Ion: 83 Resp: 14960
 Ion Ratio Lower Upper
 83 100
 85 66.2 45.9 85.3





#33

Benzene

Concen: 0.390 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.04 min

Lab File: VV007867.D

Acq: 25 Sep 2018 20:55

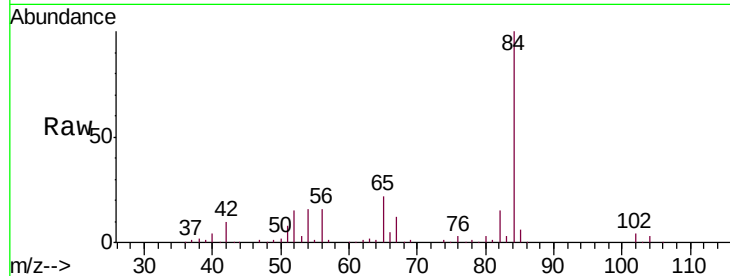
Instrument :

MSVOA_V

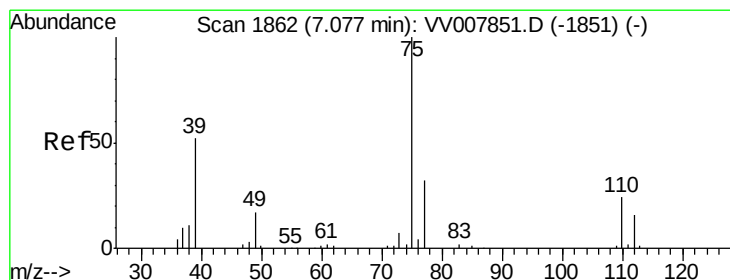
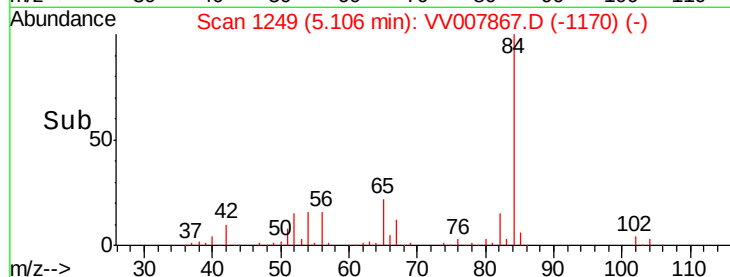
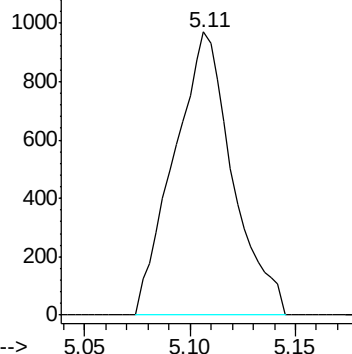
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1871



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007867.D

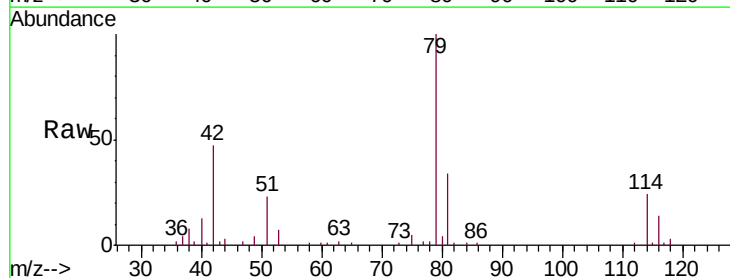
Acq: 25 Sep 2018 20:55

Tgt Ion: 75 Resp: 2108

Ion Ratio Lower Upper

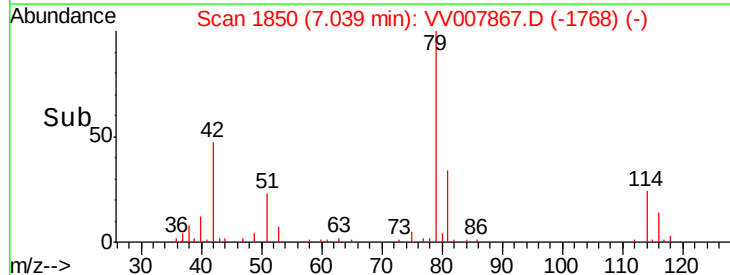
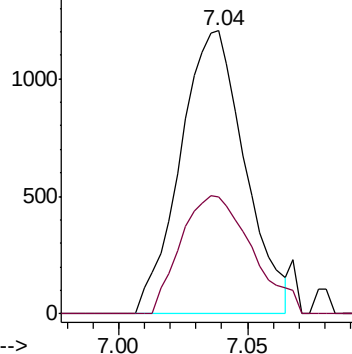
75 100

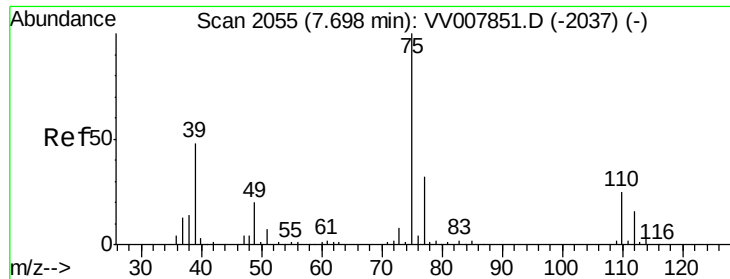
77 41.5 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

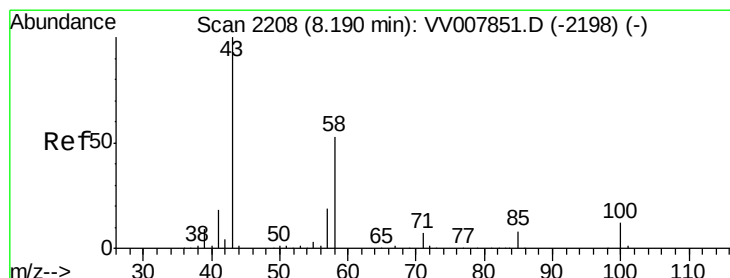
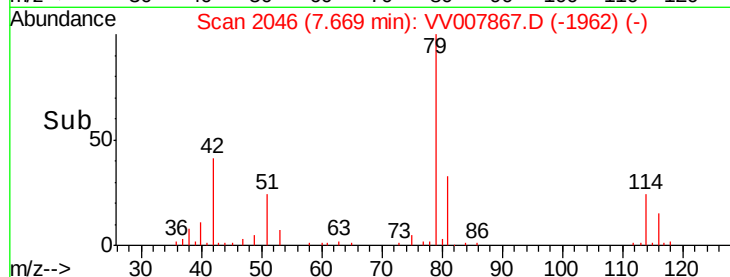
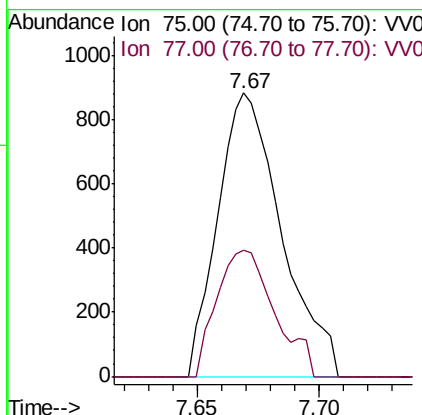
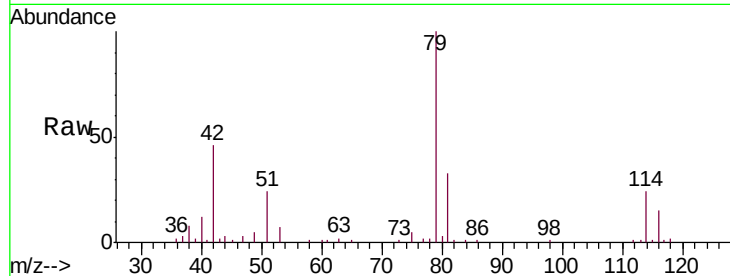




#44
trans-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007867.D
Acq: 25 Sep 2018 20:55

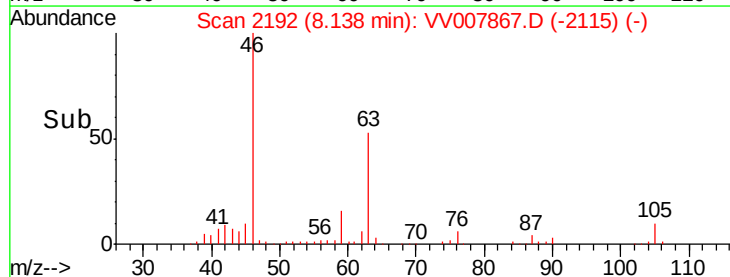
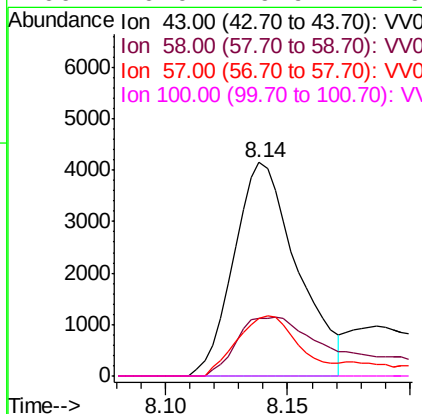
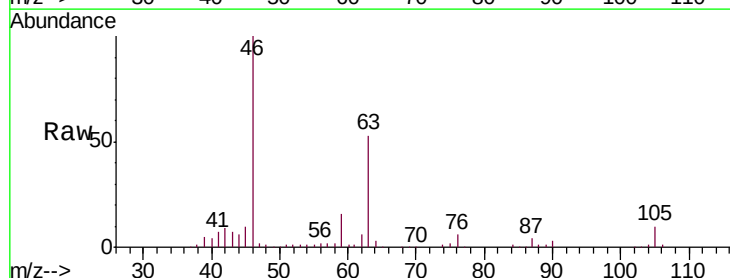
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

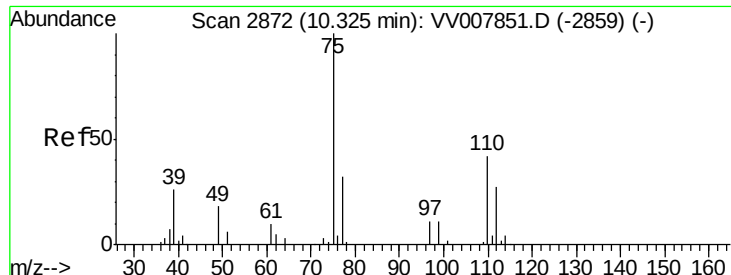
Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
77 44.5 22.5 41.9#



#48
2-Hexanone
Concen: 5.227 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007867.D
Acq: 25 Sep 2018 20:55

Tgt Ion: 43 Resp: 7467
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 27.4 14.3 21.5#
100 0.0 9.9 14.9#





#59
 1,2,3-Trichloropropane
 Concen: 5.752 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007867.D
 Acq: 25 Sep 2018 20:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 9794
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.8 38.6#

