

Data File : VV007868.D
Acq On : 25 Sep 2018 21:20
Operator : SY/MD
Sample : J5012-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 26 05:01:12 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	191559	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54403	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.62%
7) Chloroethane-d5	1.59	69	50540	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	2.14	63	92725	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	3.95	46	76703	94.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.41	84	106030	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
26) 1,2-Dichloroethane-d4	5.09	65	88008	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.11	84	241103	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.13	67	77872	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	7.37	98	235487	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	32435	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.90%
47) 2-Hexanone-d5	8.14	63	61552	94.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106210	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	102551	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

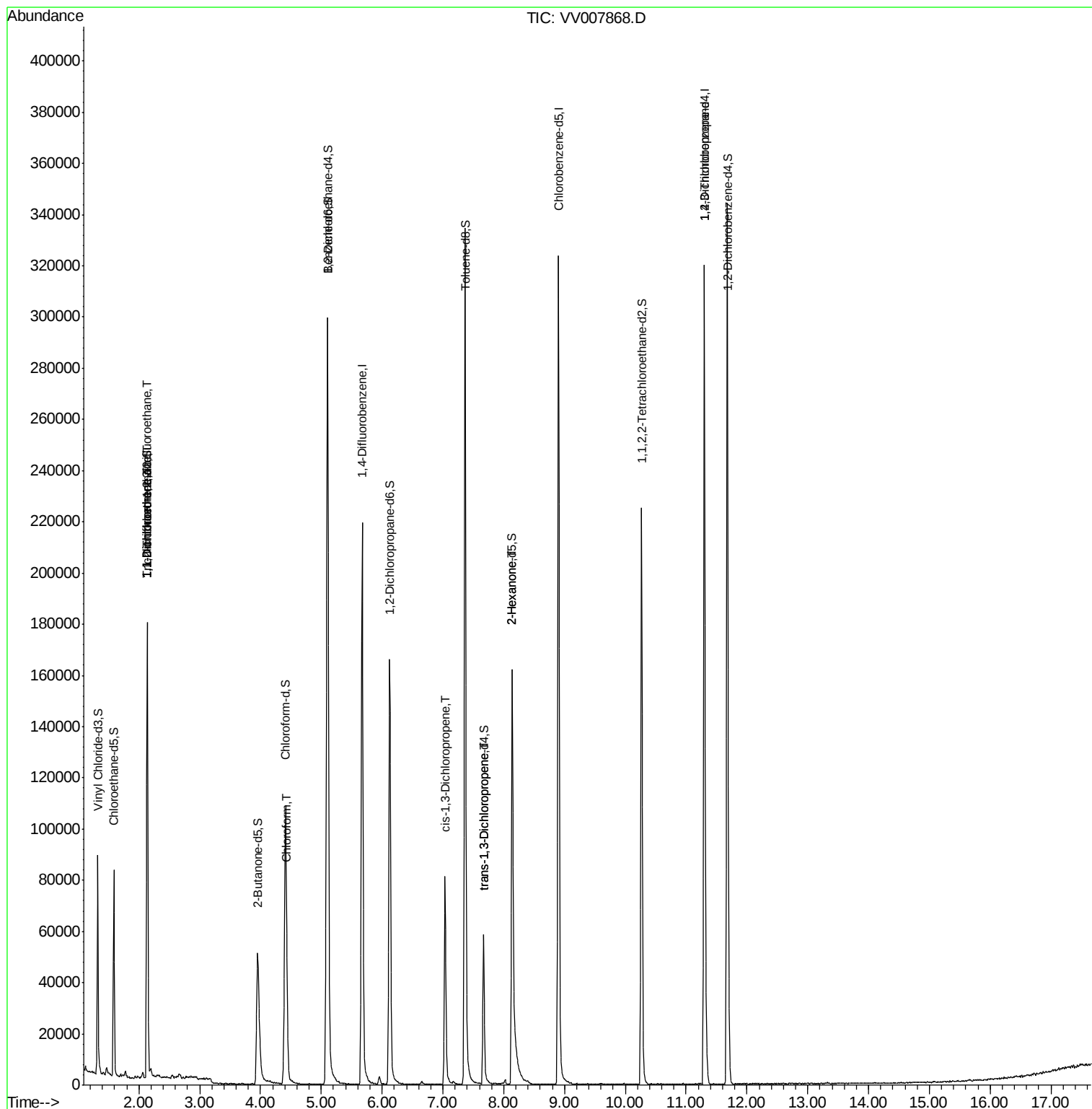
					Qvalue
9) Trichlorofluoromethane	2.14	101	1038	0.442 ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1038	0.790 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	925	0.785 ug/L #	1
25) Chloroform	4.44	83	14683	5.733 ug/L	95
39) cis-1,3-Dichloropropene	7.04	75	2234	1.161 ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1588	0.830 ug/L	86
48) 2-Hexanone	8.14	43	8316	5.618 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	10141	5.747 ug/L	89

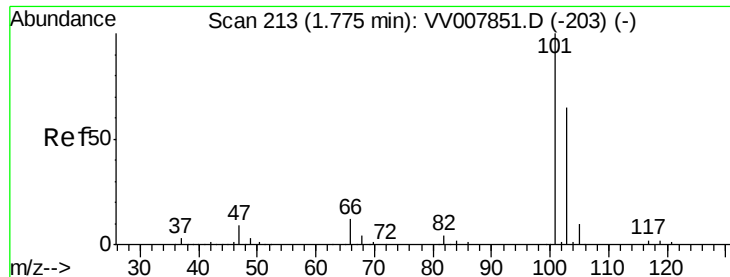
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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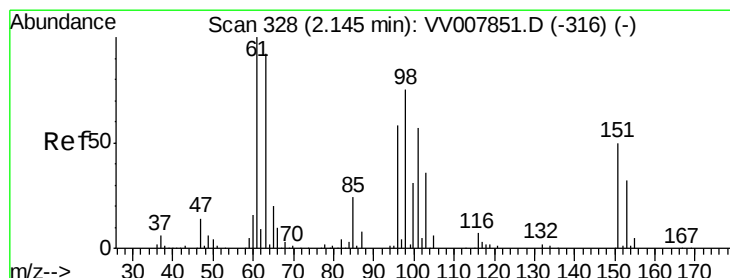
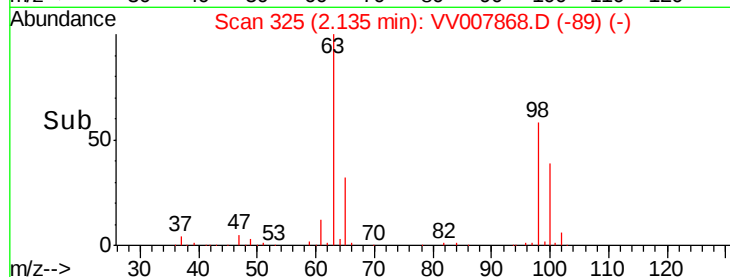
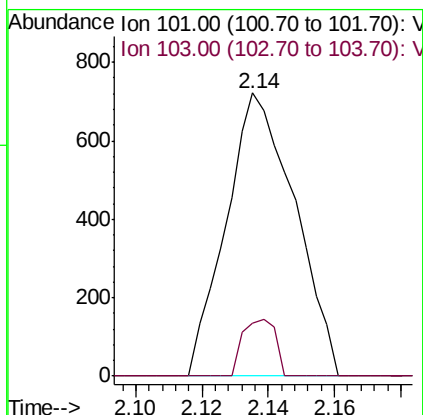
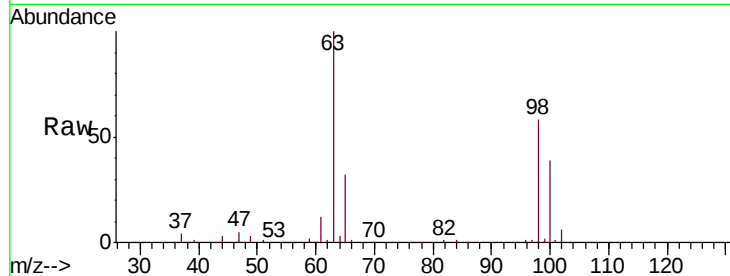


#9

Trichlorofluoromethane
 Concen: 0.442 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.36 min
 Lab File: VV007868.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

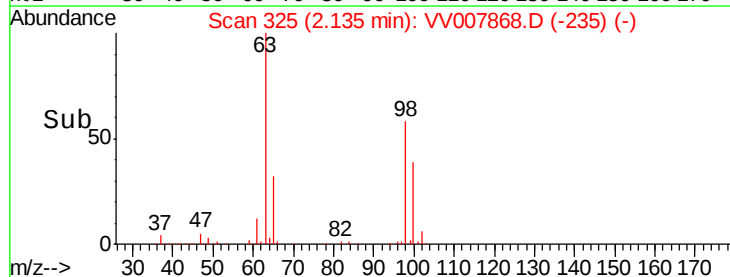
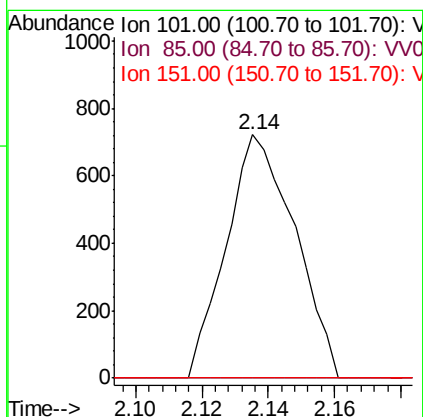
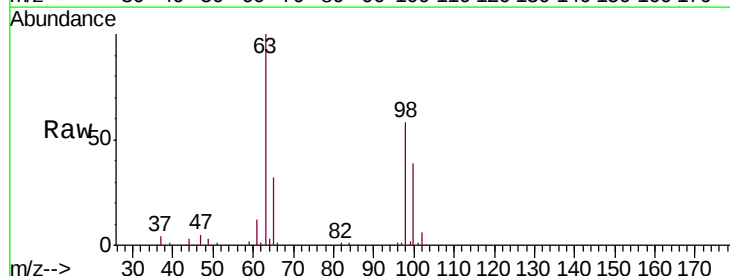
Tgt Ion:101 Resp: 1038
 Ion Ratio Lower Upper
 101 100
 103 9.5 52.4 78.6#

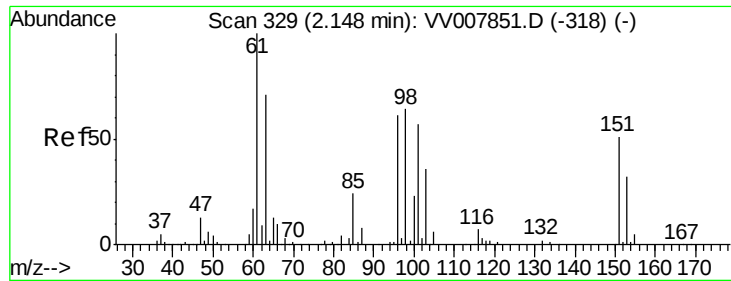


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.790 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007868.D
 Acq: 25 Sep 2018 21:20

Tgt Ion:101 Resp: 1038
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 69.7 104.5#

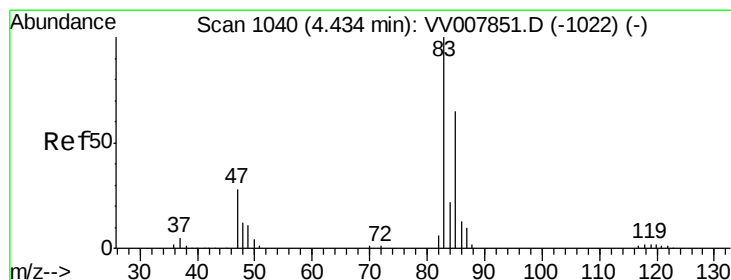
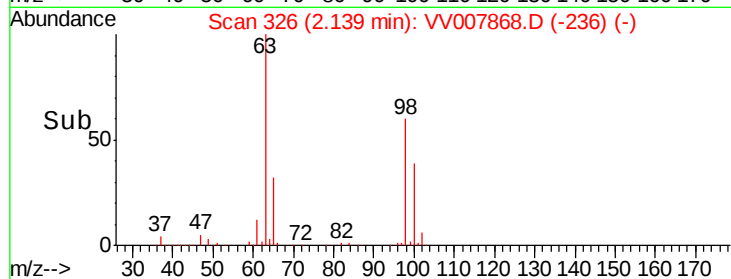
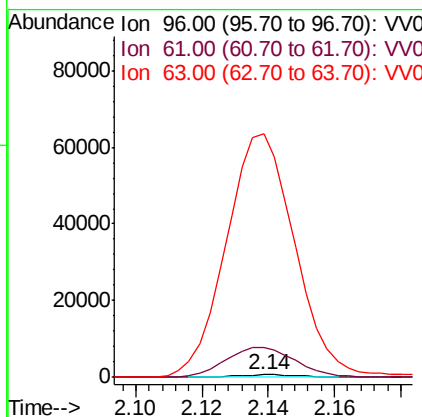
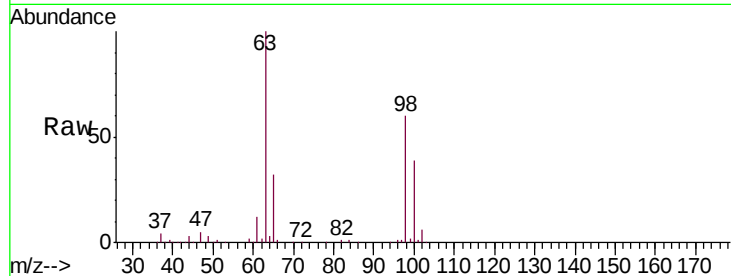




#12
 1,1-Dichloroethene
 Concen: 0.785 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV007868.D
 Acq: 25 Sep 2018 21:20

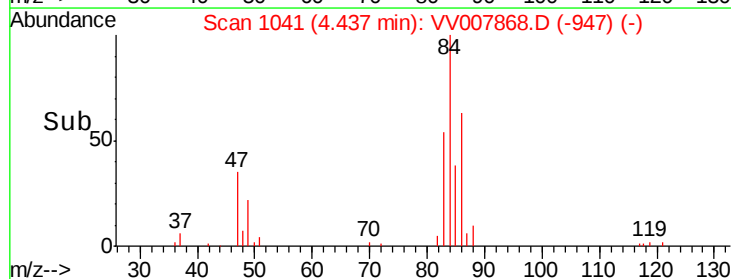
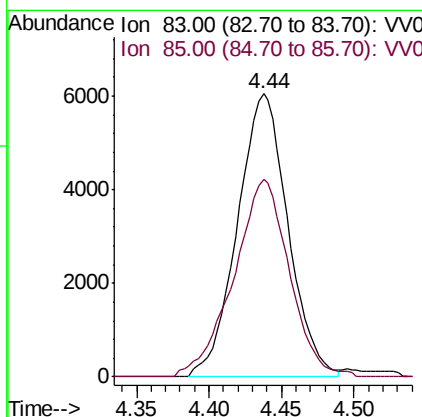
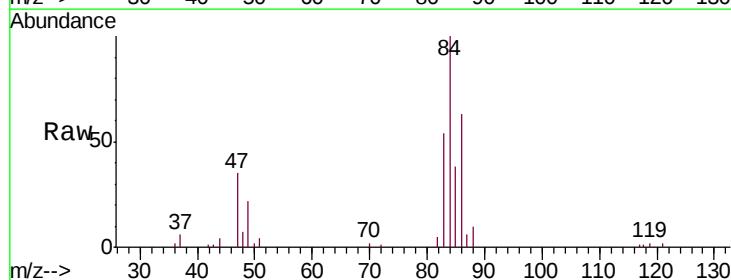
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

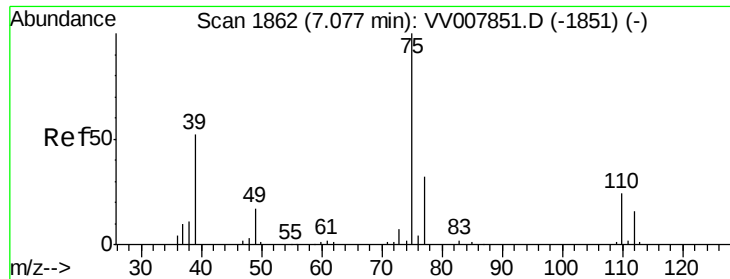
Tgt Ion: 96 Resp: 925
 Ion Ratio Lower Upper
 96 100
 61 1201.2 116.1 215.7#
 63 9768.6 86.5 160.7#



#25
 Chloroform
 Concen: 5.733 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV007868.D
 Acq: 25 Sep 2018 21:20

Tgt Ion: 83 Resp: 14683
 Ion Ratio Lower Upper
 83 100
 85 69.7 45.9 85.3





#39

cis-1,3-Dichloropropene

Concen: 1.161 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007868.D

Acq: 25 Sep 2018 21:20

Instrument :

MSVOA_V

ClientSampleId :

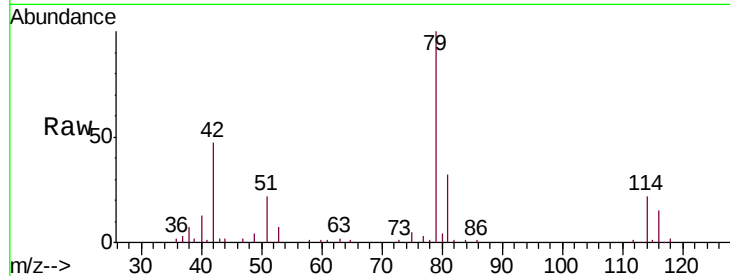
VHBLK01

Tgt Ion: 75 Resp: 2234

Ion Ratio Lower Upper

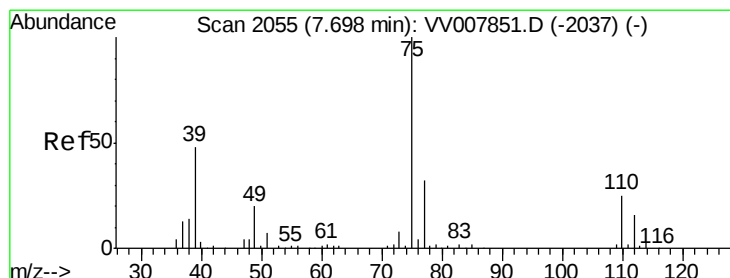
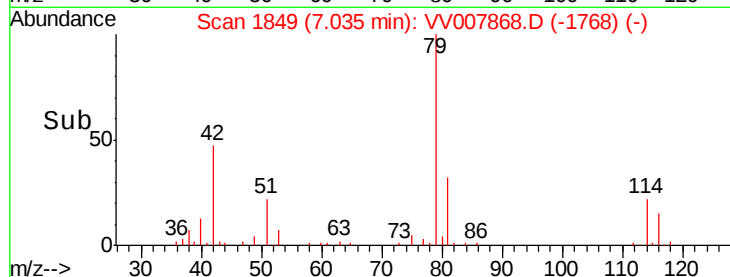
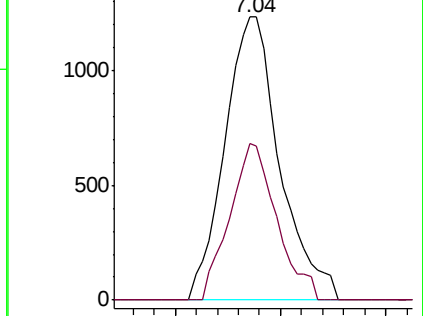
75 100

77 55.2 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: 0.830 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007868.D

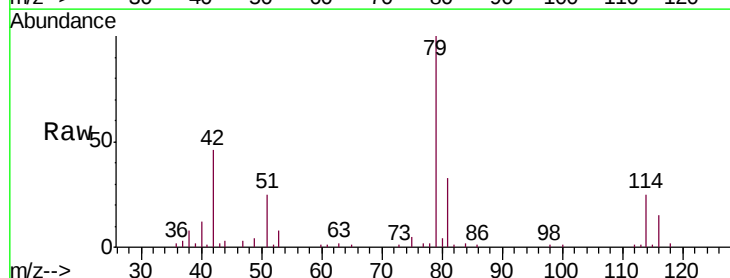
Acq: 25 Sep 2018 21:20

Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

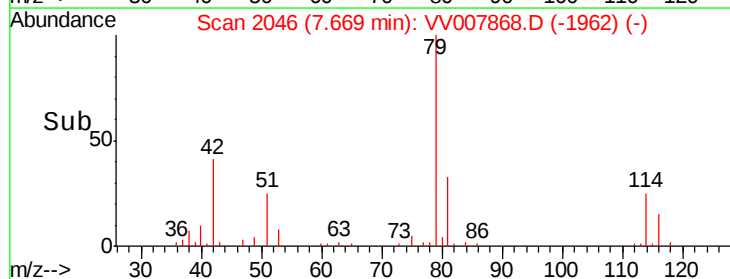
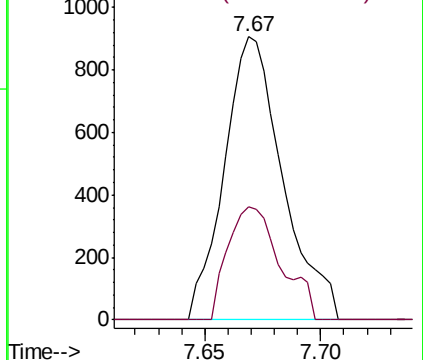
75 100

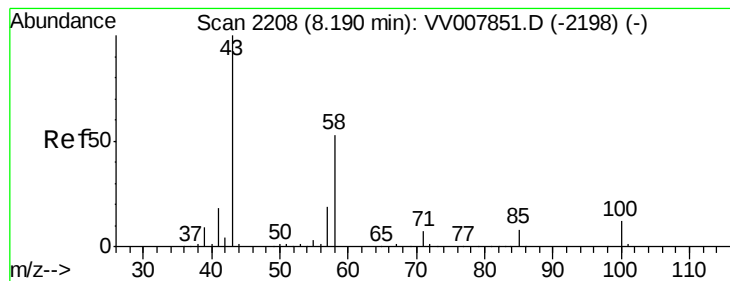
77 40.1 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.618 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV007868.D

Acq: 25 Sep 2018 21:20

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 8316

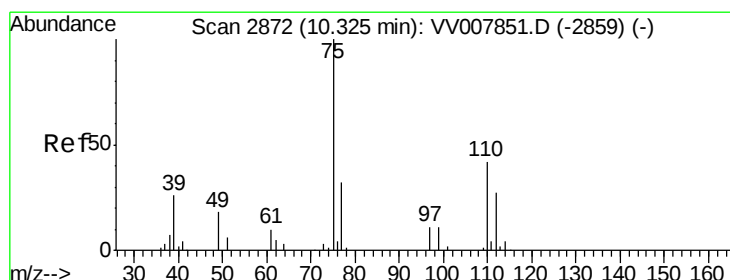
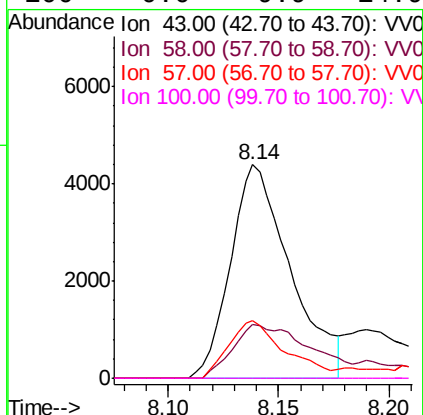
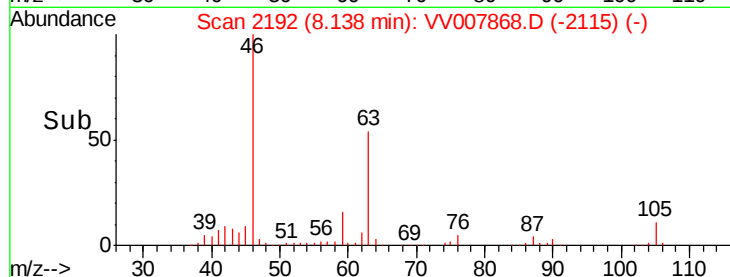
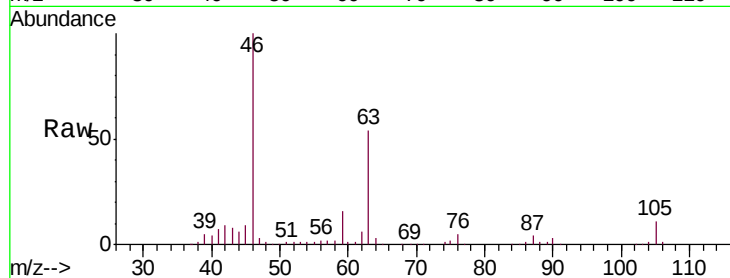
Ion Ratio Lower Upper

43 100

58 16.9 41.1 61.7#

57 25.2 14.3 21.5#

100 0.0 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 5.747 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007868.D

Acq: 25 Sep 2018 21:20

Tgt Ion: 75 Resp: 10141

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.6

