

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007801.D
 Acq On : 23 Sep 2018 20:31
 Operator : SY/MD
 Sample : J5011-06
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G4

Quant Time: Sep 24 07:23:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41092	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.94%
7) Chloroethane-d5	1.59	69	41559	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.14	63	80609	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	3.95	46	56766	93.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.02%
24) Chloroform-d	4.41	84	86158	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.09	65	62666	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.11	84	185339	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.13	67	54688	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.36	98	188012	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	23295	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.22%
47) 2-Hexanone-d5	8.14	63	39881	79.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79398	44.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	86983	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

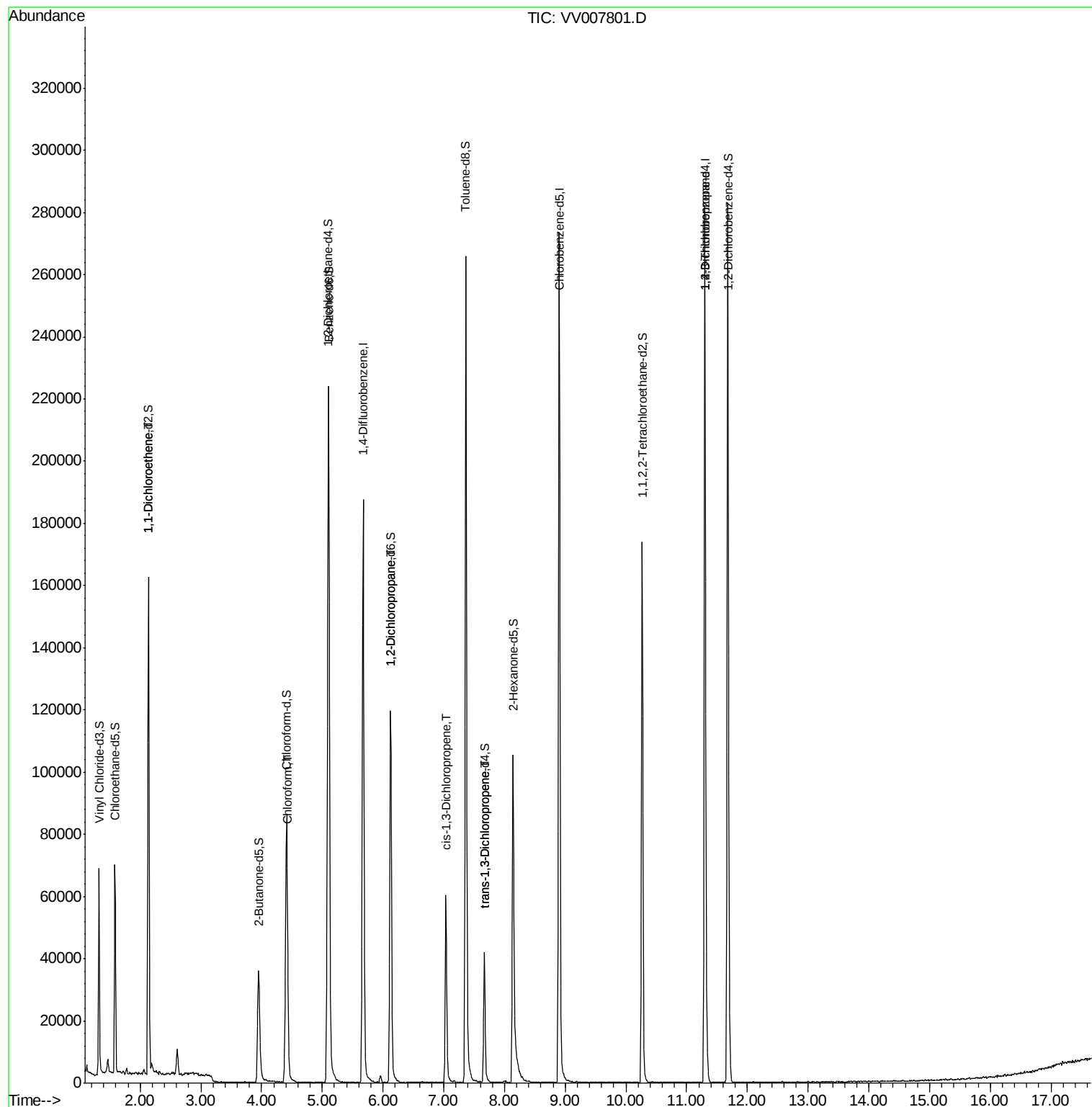
					Qvalue
12) 1,1-Dichloroethene	2.14	96	728	0.646 ug/L #	1
25) Chloroform	4.43	83	5347	2.807 ug/L	82
37) 1,2-Dichloropropane	6.12	63	6707	6.635 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1643	1.011 ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	1105	0.716 ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	8245	5.768 ug/L #	85

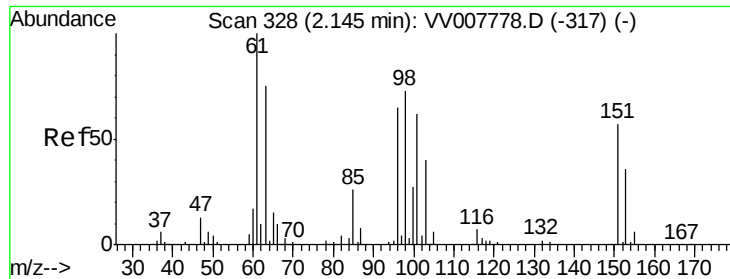
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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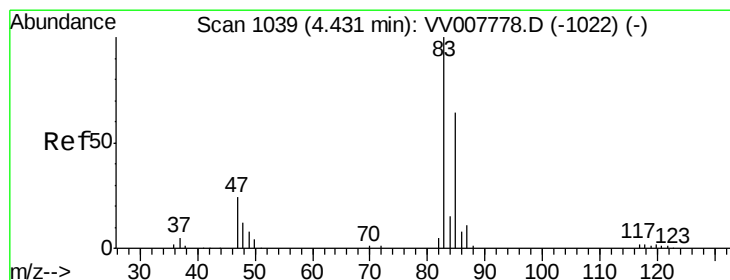
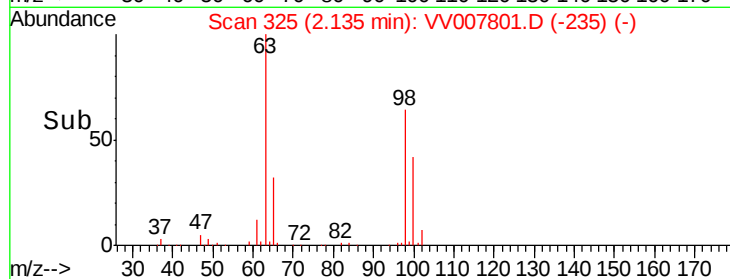
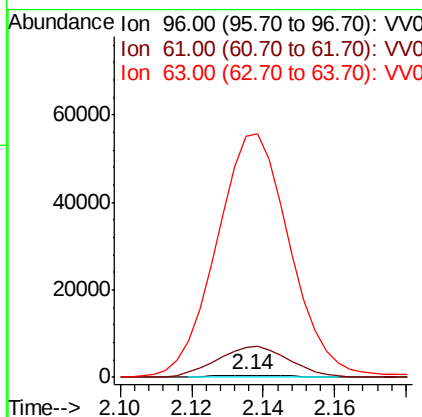
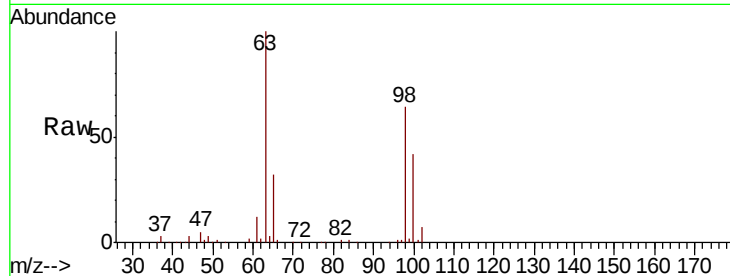




#12
 1,1-Dichloroethene
 Concen: 0.646 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007801.D
 Acq: 23 Sep 2018 20:31

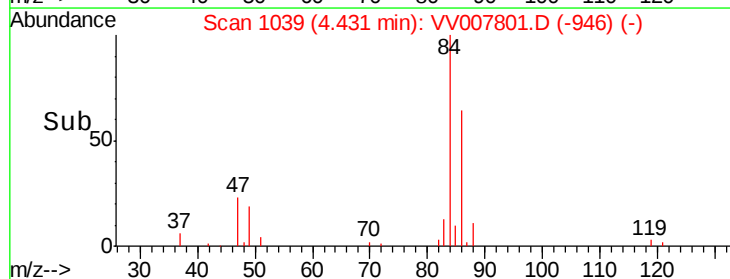
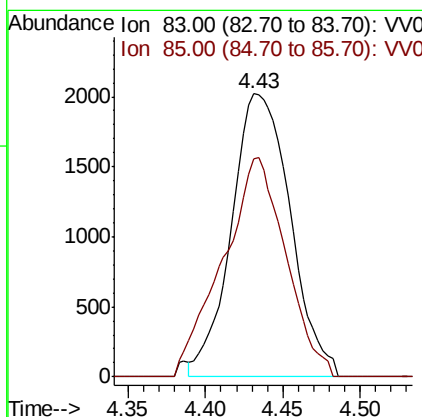
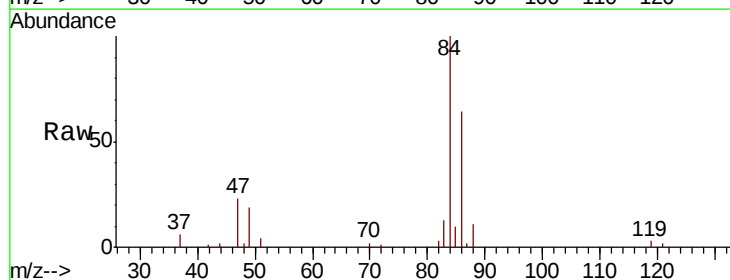
Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G4

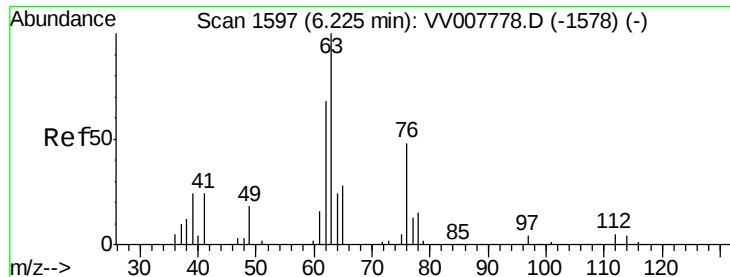
Tgt Ion: 96 Resp: 728
 Ion Ratio Lower Upper
 96 100
 61 1401.0 107.3 199.3#
 63 11245.8 78.8 146.4#



#25
 Chloroform
 Concen: 2.807 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VV007801.D
 Acq: 23 Sep 2018 20:31

Tgt Ion: 83 Resp: 5347
 Ion Ratio Lower Upper
 83 100
 85 77.0 44.0 81.8





#37

1,2-Dichloropropane

Concen: 6.635 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV007801.D

Acq: 23 Sep 2018 20:31

Instrument :

MSVOA_V

ClientSampleId :

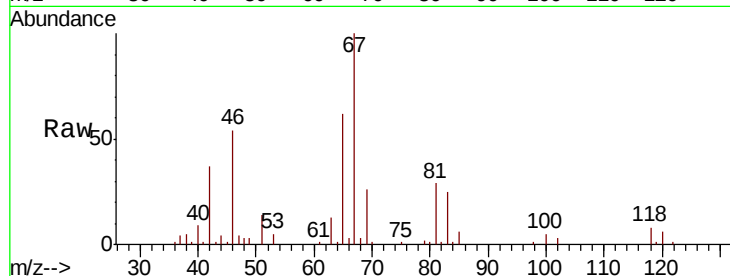
BE9G4

Tgt Ion: 63 Resp: 6707

Ion Ratio Lower Upper

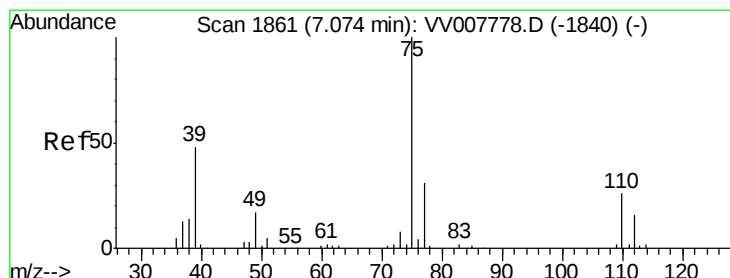
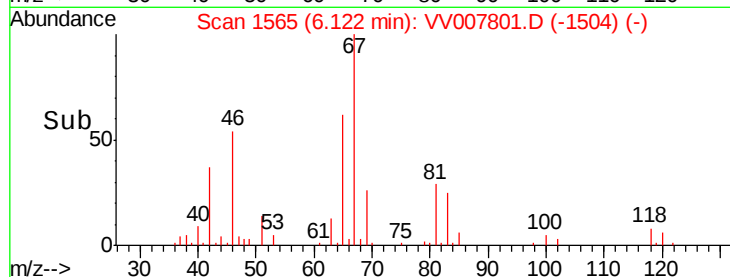
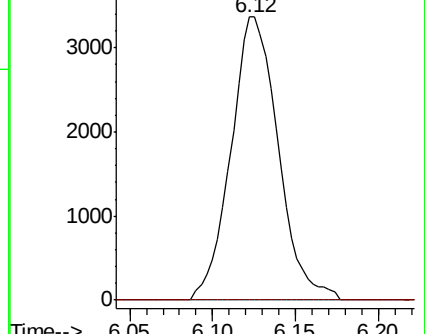
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007801.D

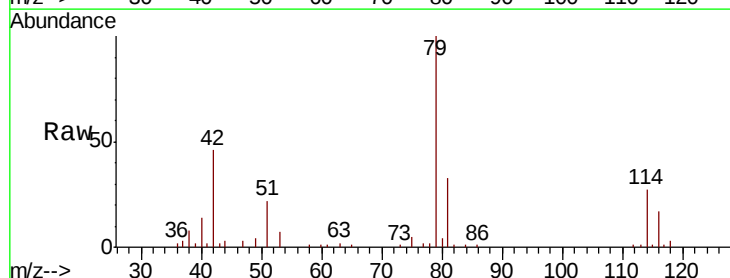
Acq: 23 Sep 2018 20:31

Tgt Ion: 75 Resp: 1643

Ion Ratio Lower Upper

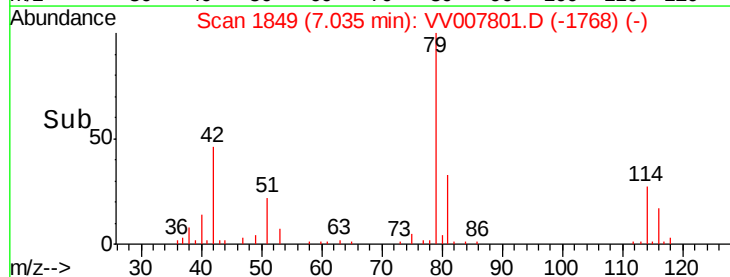
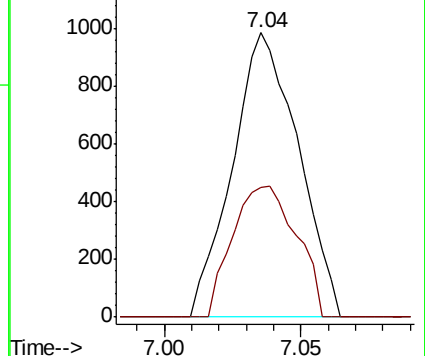
75 100

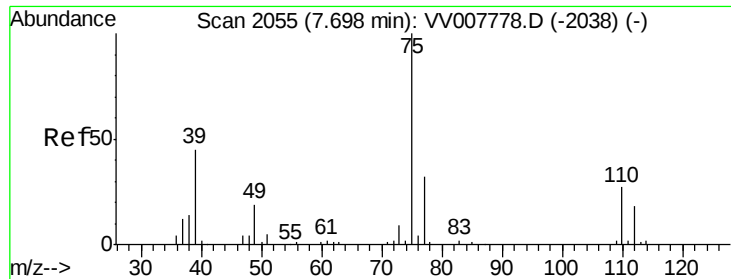
77 45.5 22.0 40.8#



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: 0.716 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007801.D

Acq: 23 Sep 2018 20:31

Instrument :

MSVOA_V

ClientSampleId :

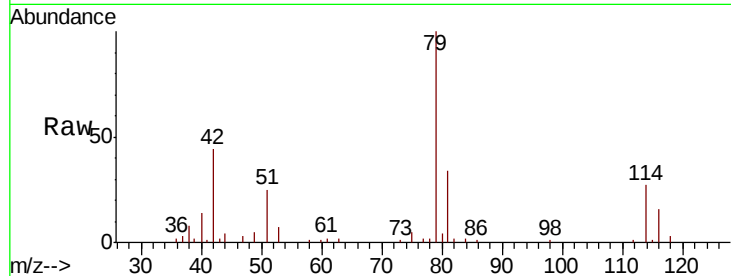
BE9G4

Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

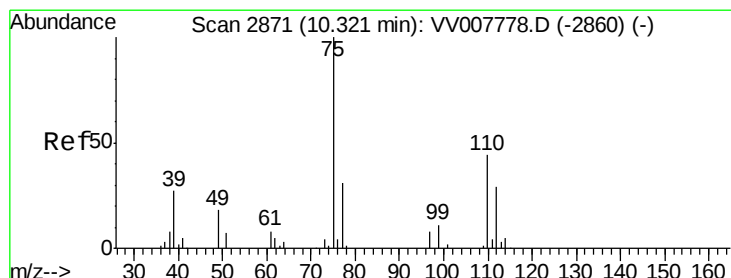
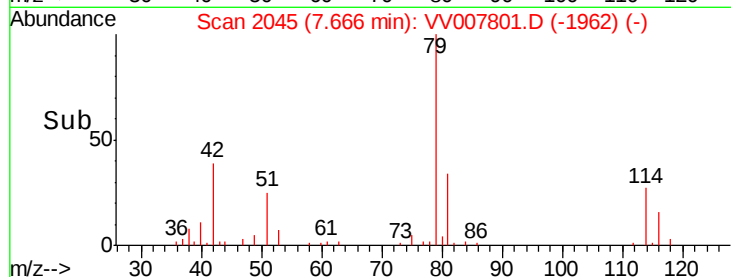
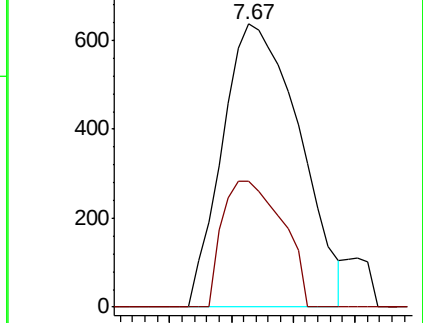
75 100

77 44.3 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.768 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007801.D

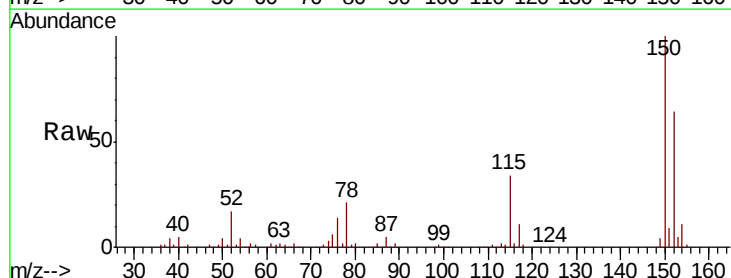
Acq: 23 Sep 2018 20:31

Tgt Ion: 75 Resp: 8245

Ion Ratio Lower Upper

75 100

77 40.6 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

