

Data File : VV014977.D
Acq On : 17 Mar 2020 16:36
Operator : SY/MD
Sample : L1940-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D92

Quant Time: Mar 18 05:25:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84742	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.62%
7) Chloroethane-d5	1.58	69	69947	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.12	63	110337	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	3.93	46	104624	79.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.60%
24) Chloroform-d	4.38	84	199841	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	136253	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.08	84	412891	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	6.10	67	121379	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.34	98	393358	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.64	79	55836	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.12	63	108867	94.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176232	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	162338	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

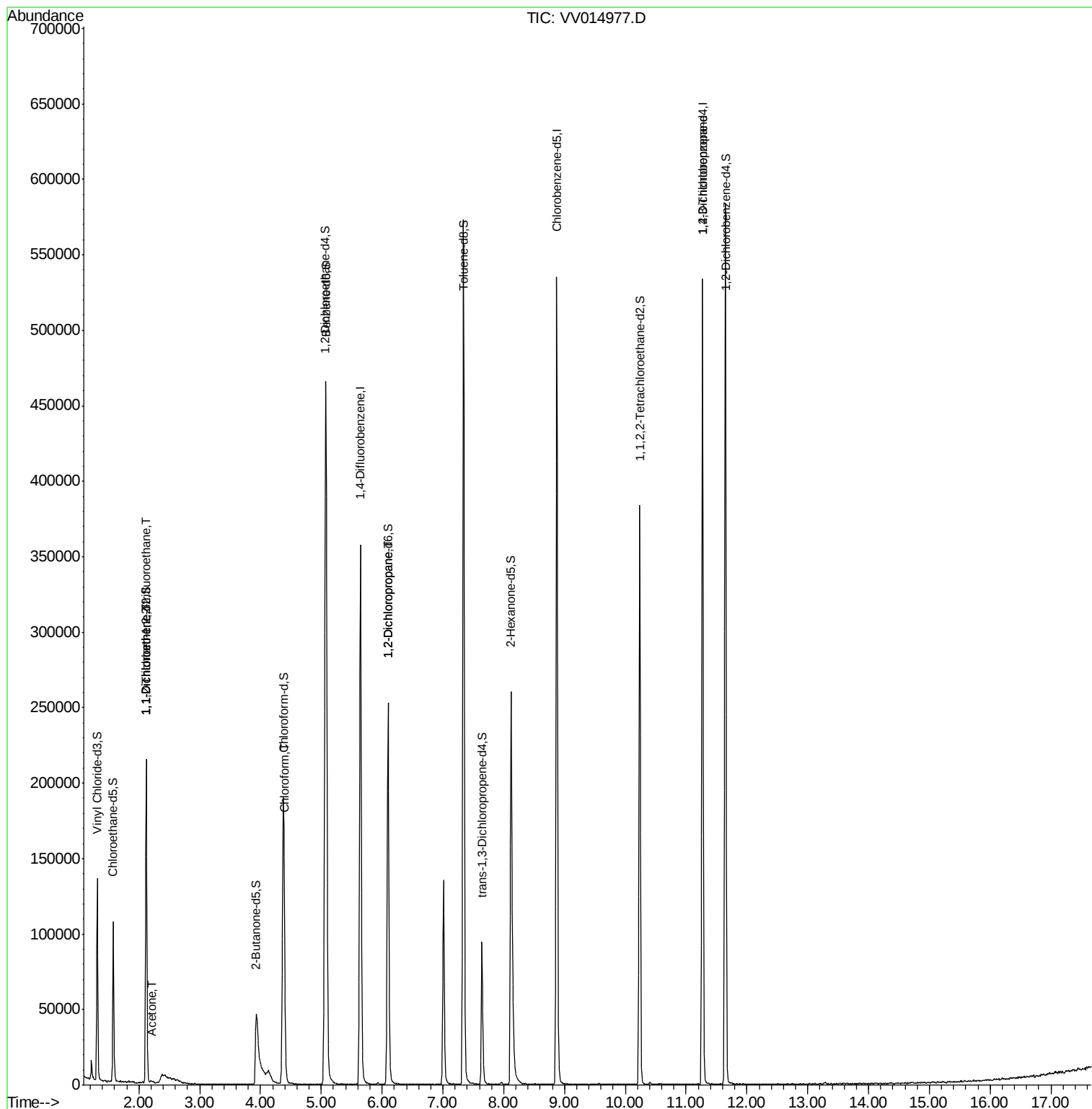
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1172	0.703	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1209	0.795	ug/L #	1
13) Acetone	2.21	43	1370	1.055	ug/L	84
25) Chloroform	4.40	83	3885	0.917	ug/L	77
37) 1,2-Dichloropropane	6.10	63	13677	6.467	ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	13869	4.782	ug/L	91

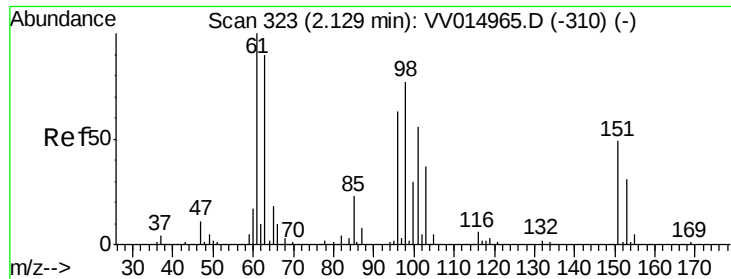
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.703 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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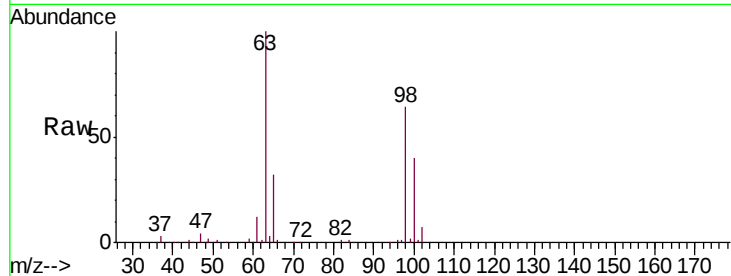
Tgt Ion:101 Resp: 1172

Ion Ratio Lower Upper

101 100

85 9.7 33.9 50.9#

151 0.0 70.1 105.1#



Abundance Ion 101.00 (100.70 to 101.70): VV014977.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV014977.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV014977.D (-230) (-)

Time-->

2.08 2.10 2.12 2.14 2.16

2.12

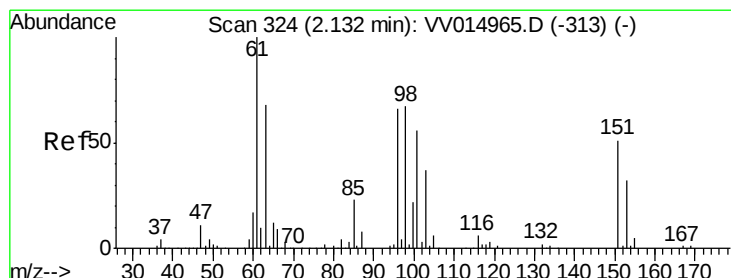
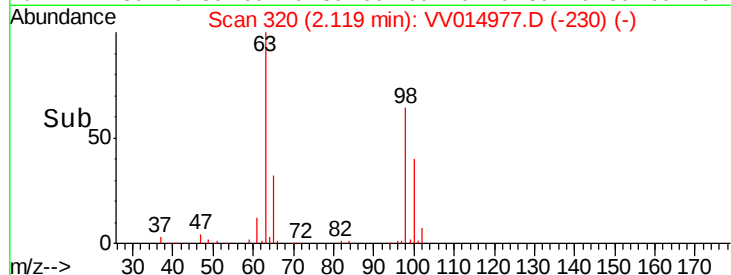
800

600

400

200

0



#12

1,1-Dichloroethene

Concen: 0.795 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014977.D

Acq: 17 Mar 2020 16:36

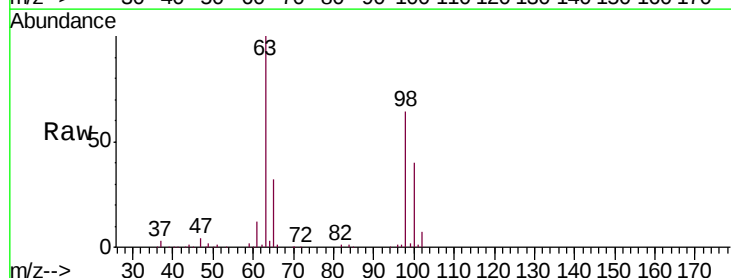
Tgt Ion: 96 Resp: 1209

Ion Ratio Lower Upper

96 100

61 1057.6 115.7 214.9#

63 8570.1 99.2 184.2#



Abundance Ion 96.00 (95.70 to 96.70): VV014977.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV014977.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV014977.D (-231) (-)

Time-->

2.08 2.10 2.12 2.14 2.16

2.12

100000

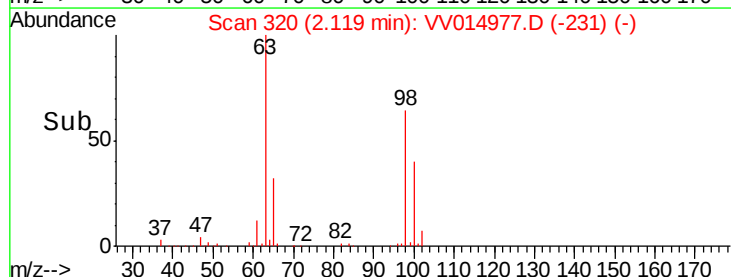
80000

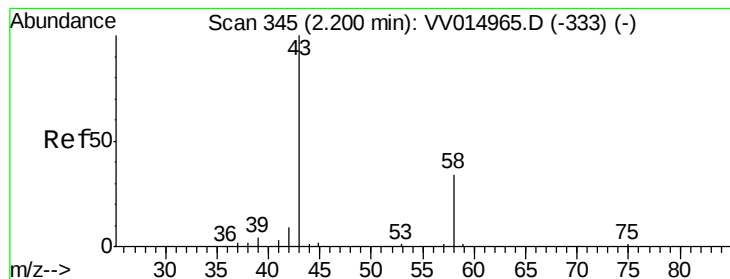
60000

40000

20000

0





#13

Acetone

Concen: 1.055 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

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ClientSampleId :

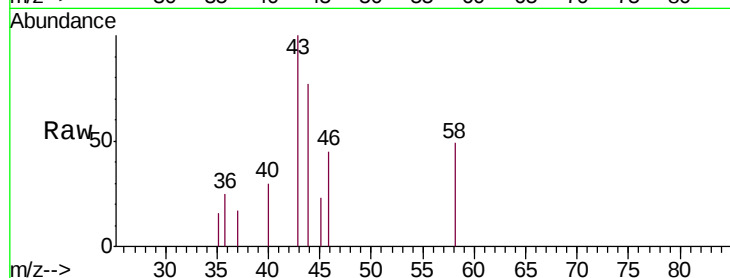
C0D92

Tgt Ion: 43 Resp: 1370

Ion Ratio Lower Upper

43 100

58 33.8 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV014965.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV014965.D (-333) (-)

2.21

600

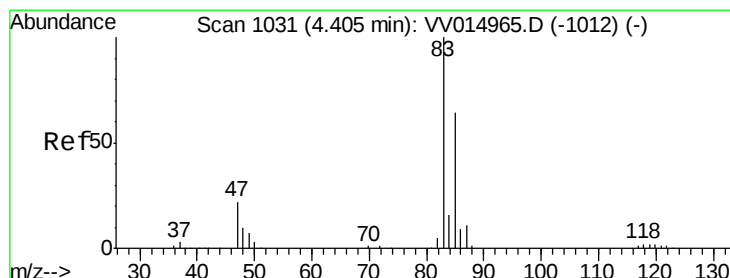
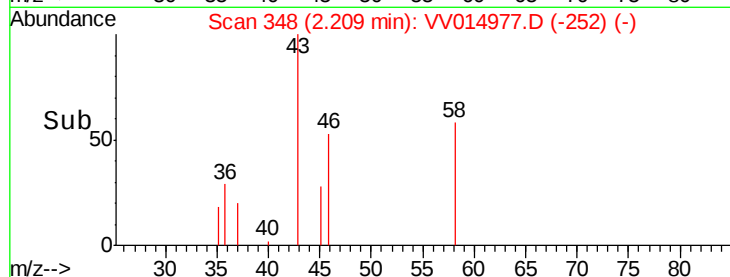
400

200

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 0.917 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV014977.D

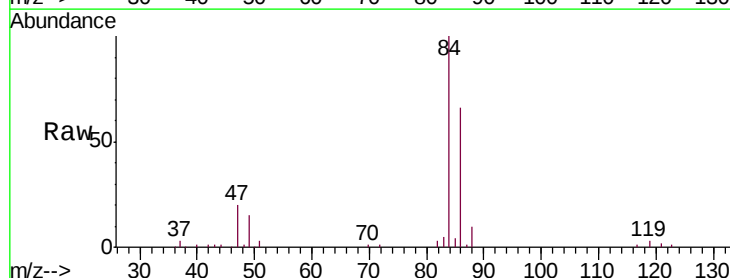
Acq: 17 Mar 2020 16:36

Tgt Ion: 83 Resp: 3885

Ion Ratio Lower Upper

83 100

85 81.7 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV014965.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV014965.D (-1012) (-)

4.40

2000

1500

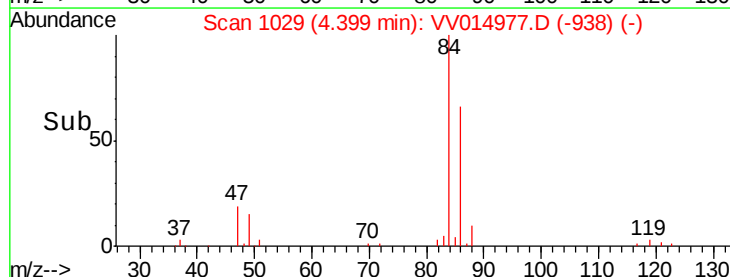
1000

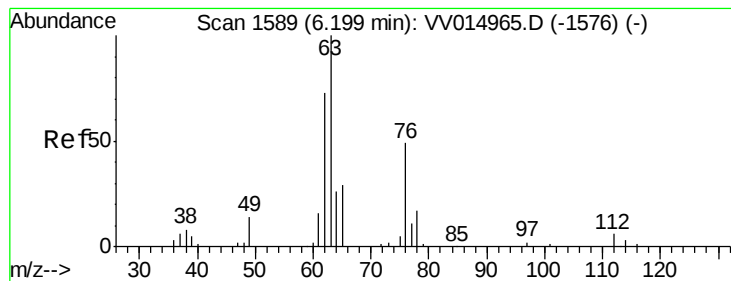
500

0

Time-->

4.35 4.40





#37

1,2-Dichloropropane

Concen: 6.467 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV014977.D

Acq: 17 Mar 2020 16:36

Instrument :

MSVOA_V

ClientSampleId :

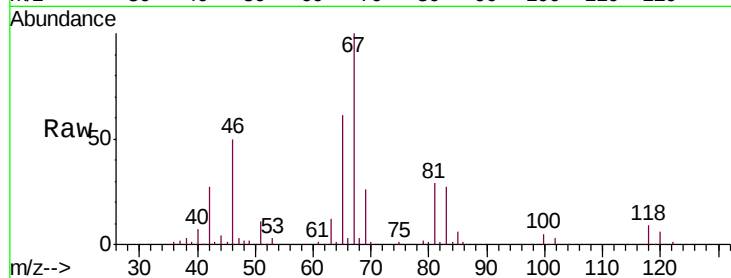
C0D92

Tgt Ion: 63 Resp: 13677

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VV014965.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV014965.D (-1576) (-)

8000

6000

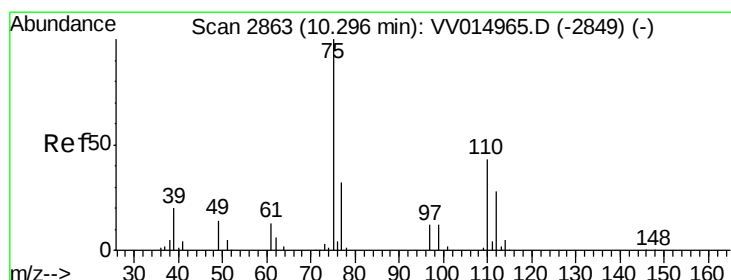
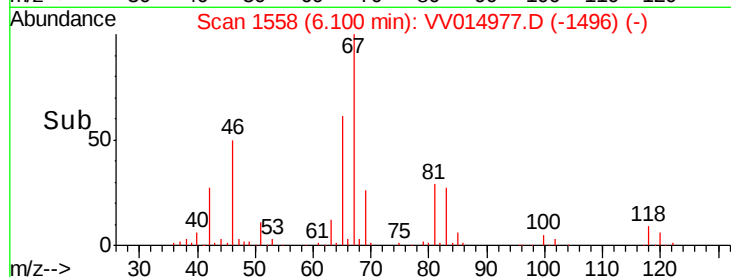
4000

2000

0

6.05 6.10 6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.782 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014977.D

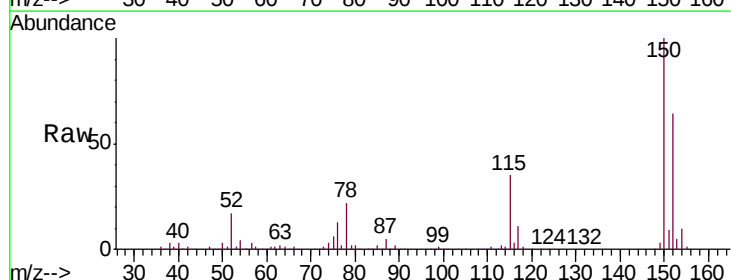
Acq: 17 Mar 2020 16:36

Tgt Ion: 75 Resp: 13869

Ion Ratio Lower Upper

75 100

77 38.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV014965.D (-2849) (-)

Ion 77.00 (76.70 to 77.70): VV014965.D (-2849) (-)

10000

8000

6000

4000

2000

0

11.20 11.25 11.30

Time-->

