

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016102.D
 Acq On : 18 May 2020 15:28
 Operator : SY/MD
 Sample : L2655-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 19 04:49:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306561	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106563	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.54%
7) Chloroethane-d5	1.58	69	95961	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.13	63	156725	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	3.94	46	141304	103.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.93%
24) Chloroform-d	4.38	84	199538	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.06	65	148822	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.08	84	413649	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.10	67	132520	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.34	98	377886	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%
43) trans-1,3-Dichloropropene-	7.64	79	62148	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.12	63	91954	106.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160130	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	143274	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

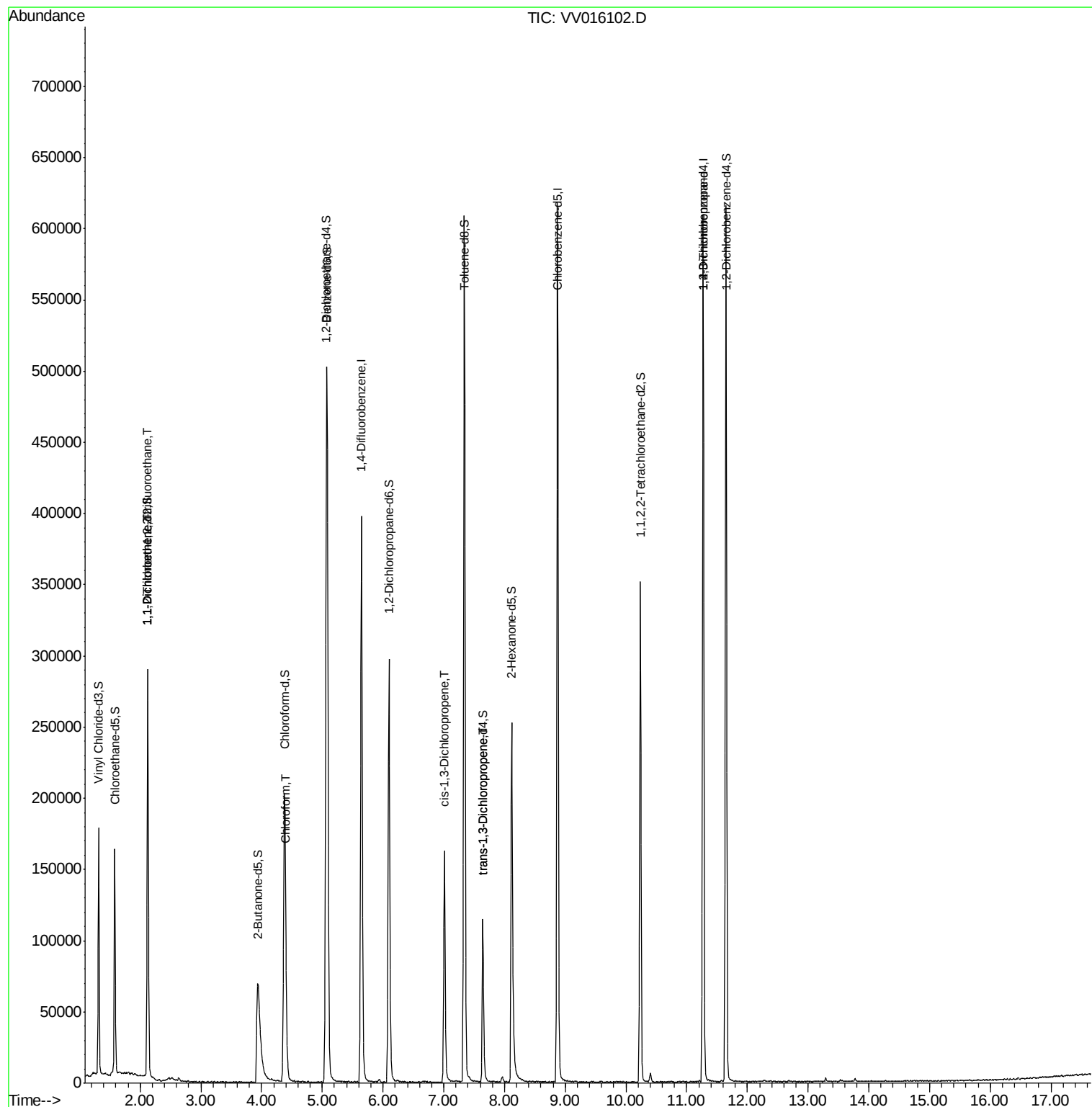
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1554	0.777 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1404	0.765 ug/L #	1
25) Chloroform	4.41	83	17462	4.010 ug/L	92
39) cis-1,3-Dichloropropene	7.01	75	4370	1.230 ug/L #	74
44) trans-1,3-Dichloropropene	7.64	75	3286	0.923 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	18900	6.748 ug/L	89

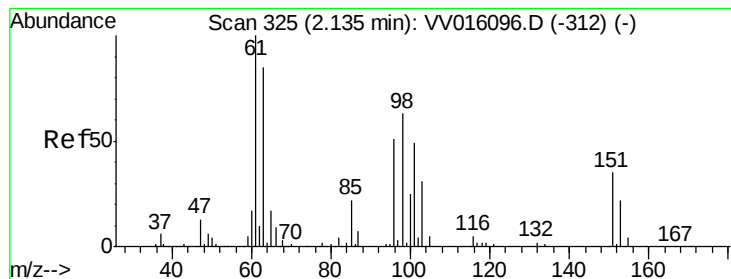
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration





#10

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

Concen: 0.777 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016102.D

Acq: 18 May 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

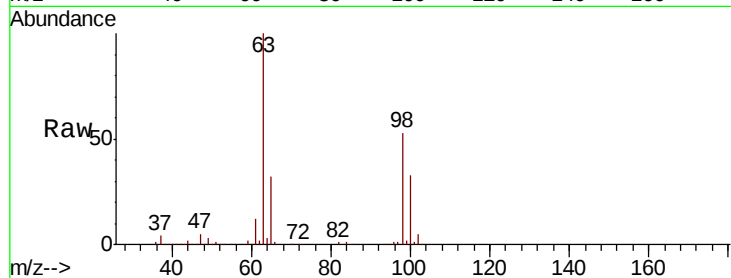
Tot Ion:101 Resp: 1554

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

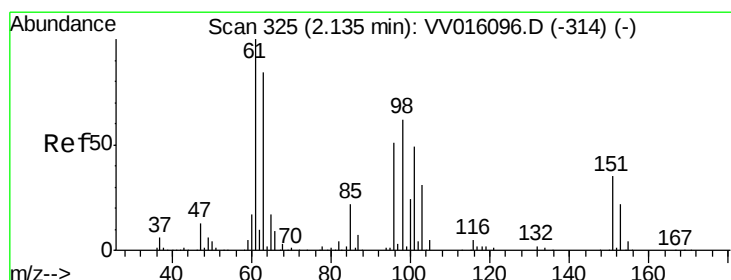
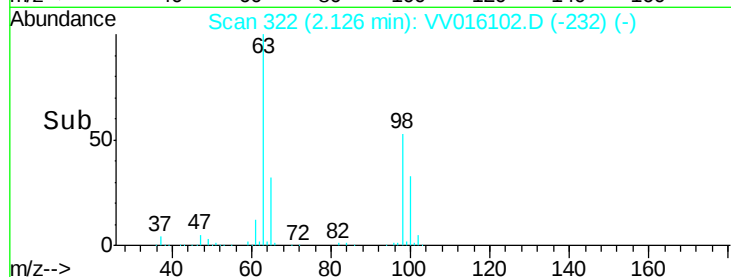
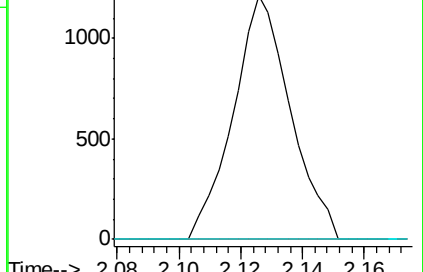
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.765 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016102.D

Acq: 18 May 2020 15:28

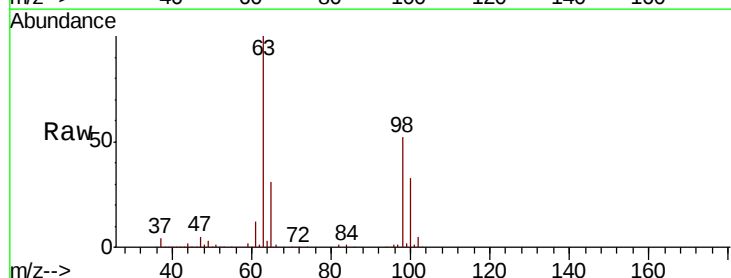
Tgt Ion: 96 Resp: 1404

Ion Ratio Lower Upper

96 100

61 1342.5 136.8 254.2#

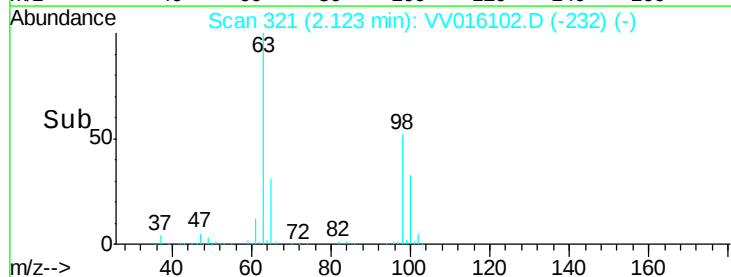
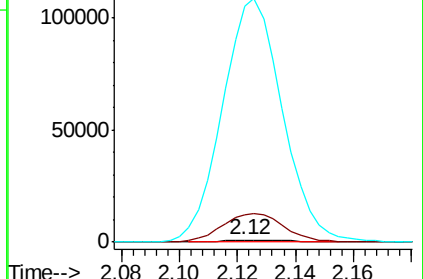
63 11373.8 116.6 216.5#

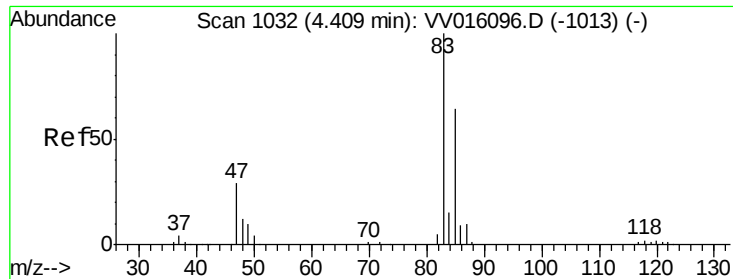


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

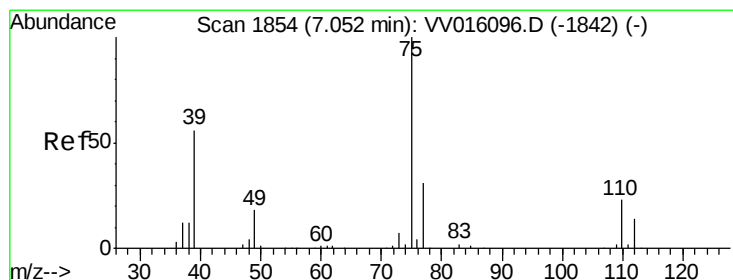
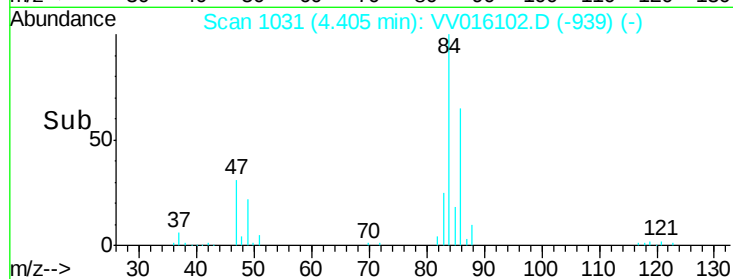
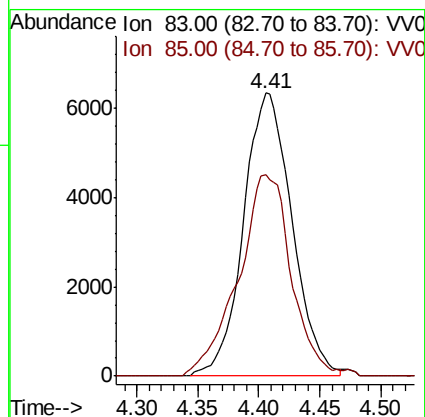
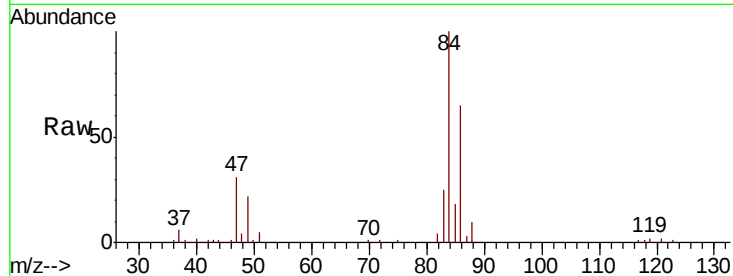




#25
Chloroform
Concen: 4.010 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV016102.D
Acq: 18 May 2020 15:28

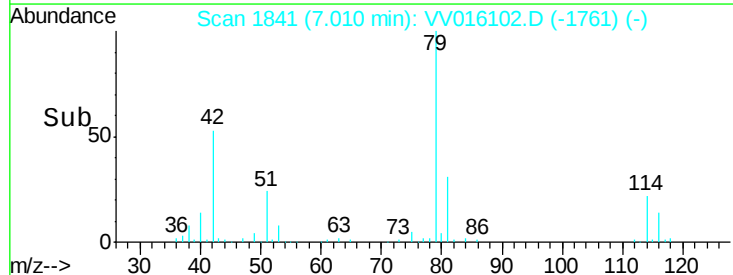
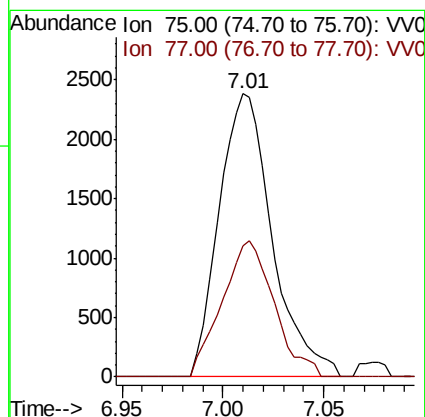
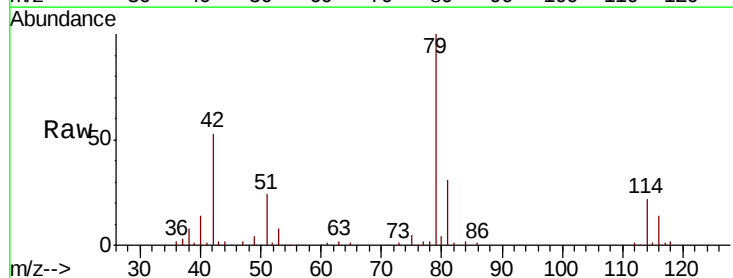
Instrument :
MSVOA_V
ClientSampleId :

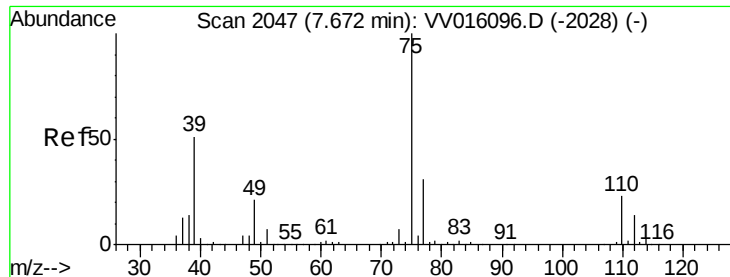
Tot Ion: 83 Resp: 17462
Ion Ratio Lower Upper
83 100
85 71.0 45.1 83.9



#39
cis-1,3-Dichloropropene
Concen: 1.230 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016102.D
Acq: 18 May 2020 15:28

Tgt Ion: 75 Resp: 4370
Ion Ratio Lower Upper
75 100
77 46.5 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016102.D

Acq: 18 May 2020 15:28

Instrument :

MSVOA_V

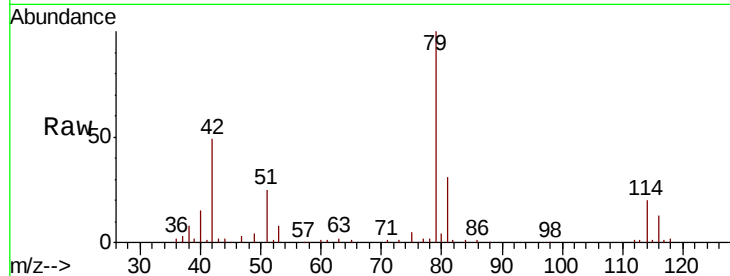
ClientSampled :

Tot Ion: 75 Resp: 3286

Ion Ratio Lower Upper

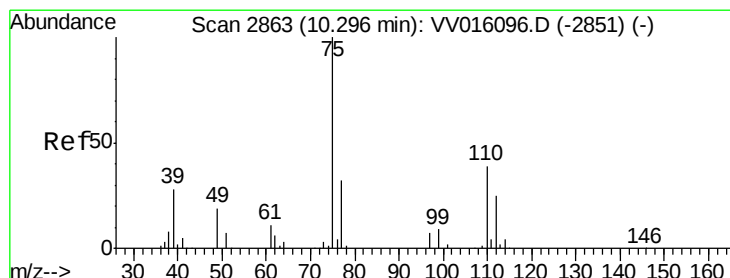
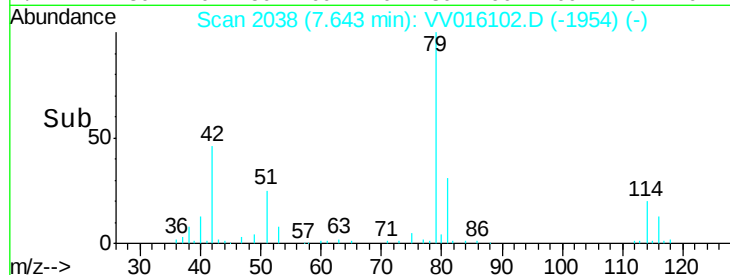
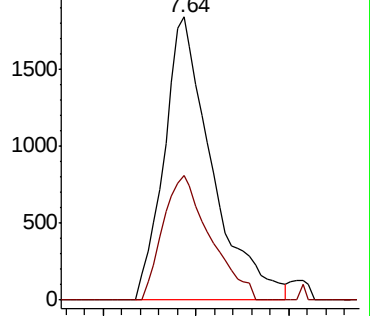
75 100

77 44.2 21.3 39.6#



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: 6.748 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016102.D

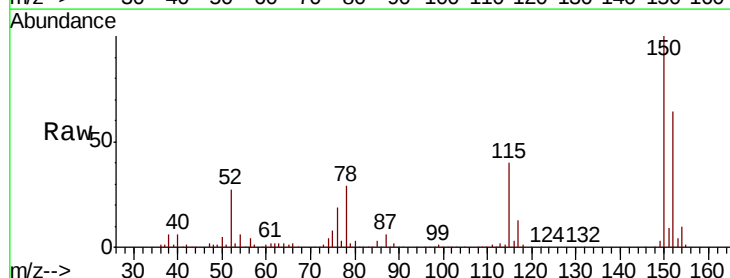
Acq: 18 May 2020 15:28

Tgt Ion: 75 Resp: 18900

Ion Ratio Lower Upper

75 100

77 37.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

